

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : ARLINGTON BRANCH LIBRARY
Address : 203 ARLINGTON AVE. @ WARWICK ST.
Borough : BROOKLYN **Agency's Number** : 21
Program / Asset # : BPL0A21.000 / 13233 **Yr Built/Renovated** : 1906 / 2001
Area Sq Ft : 16,385 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 25-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 3923 **Lot** : 52 **BIN** : 3087001

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$136,000	\$41,400
Interior Architecture		\$140,800
Electrical		\$215,800
Mechanical		\$209,100
Total	\$136,000	\$607,100
Importance Code A	\$136,000	\$41,400
Importance Code B		\$565,700
Total	\$136,000	\$607,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture		\$5,200		
Interior Architecture	\$30,300			\$2,100
Electrical	\$200	\$2,500	\$200	\$200
Mechanical	\$2,000	\$4,700	\$3,700	\$2,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$36,500	\$16,300	\$7,800	\$8,800
Importance Code A	\$800	\$6,100	\$800	\$800
Importance Code B	\$19,400	\$10,300	\$7,000	\$7,900
Importance Code C	\$16,200			
Total	\$36,500	\$16,300	\$7,800	\$8,800



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
ARLINGTON BRANCH LIBRARY
Asset # : 13233

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	\$136,000	LIFE	**	5	\$22,700	
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Rear Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Hallway By Elevator</i>								
Masonry: Limestone	10%			LIFE	**	5	\$1,900	
Windows								
Aluminum	95%			2032	**	5	\$5,000	
Wood	5%			2032	**	5	\$2,700	
Parapets								
Metal Cornice	100%			2039	**	10		
Roof								
Asphalt Shingle	70%			2027	\$41,400	10	\$2,000	
Modified Bitumen	30%			2029	**	10	\$5,200	
<i>Patching Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$9,700	
Ceramic Tile	5%			2027	\$21,400	5	\$1,100	
Vinyl Tile	75%	Now	\$14,100	2024	\$140,800	3	\$6,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Ceramic Tile	5%			2027	\$34,900	5	\$1,300	
Plaster	80%	Now	\$16,200	LIFE	**	5	\$6,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Hallway By Elevator, Meeting Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Hallway By Elevator</i>								
Wood	15%			LIFE	**	5	\$15,300	
Ceilings								
Gypsum Board	10%			LIFE	**	5	\$2,800	
Plaster	87%			LIFE	**	5	\$12,100	
Wood	3%			LIFE	**	5	\$5,800	

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

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Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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BROOKLYN PUBLIC LIBRARY - 038
ARLINGTON BRANCH LIBRARY
Asset # : 13233

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2034	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Amps Main Disconnect Switch</i>								
Fused Disc Sw	50%			2034	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	**	5	\$400	
Raceway								
Conduit	100%			2034	**	1		
Panelboards								
Fused Disc Sw	5%			2032	**	5		
Molded Case Bkrs	95%			2032	**	5	\$400	
Wiring								
Thermoplastic	100%			2034	**	1		
Motor Controllers								
Locally Mounted	100%			2029	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	95%			2024	\$154,400	10	\$14,300	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2032	**	10	\$800	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Computer Room And Working Area</i>								
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$2,000	
Exit, Service	50%			2029	**	1		
Exterior Lighting								
HID	100%			2024	\$61,300	10	\$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	**	1	\$1,800	

Heating

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BROOKLYN PUBLIC LIBRARY - 038
ARLINGTON BRANCH LIBRARY
Asset # : 13233

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2029	**	1	\$8,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : One Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2032	**	4	\$800	
Terminal Devices								
Convactor/Radiator	100%			2029	**	1	\$5,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2022	\$209,100	2	\$1,000	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2 Units In A C Room</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,100	
Exhaust Fans								
Interior	100%			2024	\$17,900	2	\$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	**	1		
Water Heater								
Electric	100%			2019	\$2,500	4	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Rigid Piping	100%			2029	**	4	\$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B, Ll, L, 2</i>								
<i>Explanation : 1 Unit</i>								
Fire Suppression								

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ARLINGTON BRANCH LIBRARY
Asset # : 13233

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

Fire Suppression	Chemical System								
	No Component	90%							
	Generic	10%			2022	\$2,600	1-3	\$5,100	

Other Observation, Extent : Light, Area Affected : 100%

Location : Throughout

Explanation : Fire Extinguishers

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Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : BAY RIDGE BRANCH LIBRARY
Address : 7223 RIDGE BOULEVARD @73RD STREET
Borough : BROOKLYN **Agency's Number** : 28
Program / Asset # : BPL0B28.000 / 13234 **Yr Built/Renovated** : 1961 / 2004
Area Sq Ft : 16,506 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 26-Feb-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 5907 **Lot** : 1 **BIN** : 3147279

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Interior Architecture	\$75,100	
Electrical	\$4,900	\$61,800
Total	\$80,000	\$61,800
Importance Code B	\$80,000	\$61,800
Total	\$80,000	\$61,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$65,500	\$10,700	\$6,500	
Interior Architecture	\$700	\$600	\$1,300	\$3,300
Electrical	\$2,900	\$19,100	\$2,100	\$1,500
Mechanical	\$1,900	\$16,200	\$3,300	\$4,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$74,900	\$50,500	\$17,100	\$13,200
Importance Code A	\$66,300	\$11,700	\$7,400	\$800
Importance Code B	\$7,900	\$38,800	\$9,700	\$12,400
Importance Code C	\$700			
Total	\$74,900	\$50,500	\$17,100	\$13,200



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BROOKLYN PUBLIC LIBRARY - 038
BAY RIDGE BRANCH LIBRARY
Asset # : 13234

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	**	5	\$5,100	
Masonry: Brick	10%	Now	\$6,500	LIFE	**	5	\$2,200	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Chimney And Bulkheads</i>								
Masonry: Brick	60%			LIFE	**	5	\$13,000	
Masonry: Limestone	5%	Now	\$11,700	LIFE	**	5	\$800	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Columns</i>								
Metal Panel	5%			2044	**	5-10	\$7,400	
Window Wall	15%			2044	**	5	\$12,200	
Windows								
Aluminum	90%			2040	**	5	\$7,200	
Aluminum	10%			2032	**	5	\$800	
Parapets								
Masonry: Brick	70%	Now	\$27,400	LIFE	**	5	\$2,400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Interior Face</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Interior Face</i>								
Masonry: Limestone	5%	Now	\$1,800	LIFE	**	5	\$200	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Coping</i>								
Metal Panel	5%			2044	**	5	\$700	
Metal Rail	20%			2037	**	5-10	\$12,400	
Roof								
Copper/Terne	5%			2039	**	10	\$2,200	
Modified Bitumen	88%	Now	\$18,100	2029	**			
<i>Blisters, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Second Floor</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Second Floor</i>								
Skylight, Metal/Glass	2%			2034	**	10	\$1,200	
Skylight, Metal/Glass	5%			2050	**	10	\$3,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$4,900	
Terrazzo	5%			LIFE	**	5	\$900	
Vinyl Tile	45%			2029	**	3	\$3,800	
Vinyl Tile	40%	0-2	\$75,100	2034	**	3	\$3,300	
<i>Adhesion Failure, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Second Floor</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Second Floor</i>								

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BROOKLYN PUBLIC LIBRARY - 038
BAY RIDGE BRANCH LIBRARY
Asset # : 13234

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

Interior

Interior Walls

Ceramic Tile	5%			2033	**	5	\$1,300	
Concrete Masonry Unit	10%			LIFE	**	5	\$1,100	
Gypsum Board	60%			LIFE	**	5	\$9,500	
Masonry: Brick	10%			LIFE	**			
Plaster	5%			LIFE	**	5	\$400	
SGFT/Glazed Masonry	10%			LIFE	**			

Ceilings

AcousTileSusp.Lay-In	20%			2041	**	5	\$4,500	
AcousTileSusp.Lay-In	5%			2029	**	5	\$1,100	
Exposed Concrete	10%			LIFE	**	5	\$300	
Gypsum Board	60%			LIFE	**	5	\$16,700	
Plaster	5%			LIFE	**	5	\$700	

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

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2044	**	5	\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Rated @ 800 Amperes</i>								

Switchgear / Switchboard

Molded Case Bkrs	100%			2044	**	5	\$400	
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Raceway

Conduit	100%			2044	**	1		
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Panelboards

Fused Disc Sw	10%			2040	**	5		
Molded Case Bkrs	90%			2040	**	5	\$400	

Wiring

Braided Cloth	5%	2-4	\$1,400	2049	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								

Thermoplastic	95%			2044	**	1		
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Motor Controllers

Locally Mounted	50%			2037	**	5	\$100	
Locally Mounted	50%			2022		5	\$15,000	\$100

Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$200	
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Lighting

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BROOKLYN PUBLIC LIBRARY - 038
BAY RIDGE BRANCH LIBRARY
Asset # : 13234

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	62%			2029	**	10	\$9,400	
	<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Fluorescent	25%			2029	**	10	\$3,800	
	<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Reading Areas</i>							
Fluorescent	10%			2029	**	10	\$1,500	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : 2nd Floor</i>							
	<i>Explanation : Compact Fluorescent Light Fixtures</i>							
Fluorescent	3%			2019	\$4,900	10	\$500	
	<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$2,000	
Exit, LED	10%			2052	**	1		
Exit, Service	40%			2029	**	1		
Exterior Lighting								
HID	100%			2024	\$61,800	10	\$100	
Alarm								
Security System								
Generic	100%			2029	**	1	\$6,200	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Inside And Outside The Building</i>							
	<i>Explanation : C C T V Surveillance Cameras</i>							
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$10,200	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, And Smoke Detectors</i>							

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		

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BAY RIDGE BRANCH LIBRARY
Asset # : 13234

Mechanical	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Conversion Equipment							
Furnace	70%			2029	**	1	\$5,700
	<i>Other Observation, Extent : Light, Area Affected : 70%</i>						
	<i>Location : Roof</i>						
	<i>Explanation : 3 Package Units</i>						
Hot Water Boiler	30%			2037	**	1	\$2,500
	<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
	<i>Location : Basement Boiler Room</i>						
	<i>Explanation : 1 Unit</i>						
Distribution							
Hot Wtr Piping/Pump	30%			2040	**	4	\$200
No Component	70%						
Terminal Devices							
Air Handler	70%			2029	**	1	\$7,100
Convactor/Radiator	30%			2037	**	1	\$1,600
Air Conditioning							
Energy Source							
Electricity	100%			2040	**	1	
Conversion Equipment							
Reciprocating Compr/Chiller	10%			2029	**	1	\$800
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 10%</i>						
	<i>Location : Roof</i>						
Ext Pkg Unit - Heating/Cooling	90%			2029	**	2	\$900
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 90%</i>						
	<i>Location : Roof</i>						
	<i>Other Observation, Extent : Light, Area Affected : 90%</i>						
	<i>Location : Roof</i>						
	<i>Explanation : 3 Package Units</i>						
Terminal Devices							
Fan Coil - Cooling	10%			2029	**	1	\$500
No Component	90%						
Heat Rejection							
Air Condenser Unit	100%			2029	**	2	\$11,500
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,200
Exhaust Fans							
Interior	20%			2029	**	2	\$100
Roof	80%			2029	**	2	\$400
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2044	**	1	
Water Heater							
Gas Fired	100%			2022		2	\$200

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BROOKLYN PUBLIC LIBRARY - 038
BAY RIDGE BRANCH LIBRARY
Asset # : 13234

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2019	\$11,000	4	\$2,500	
			<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Old Type Unit, Basement Custodian Room</i>					
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : B, 1, 2</i>					
			<i>Explanation : 1 Unit</i>					

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Estimates are rounded to the nearest hundred dollars.

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Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : BEDFORD BRANCH LIBRARY
Address : 496 FRANKLIN AVE. @HANCOCK ST.
Borough : BROOKLYN **Agency's Number** : 22
Program / Asset # : BPL0B22.000 / 13235 **Yr Built/Renovated** : 1905 / 2005
Area Sq Ft : 17,184 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 28-Feb-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,mez,2
Block : 1997 **Lot** : 32 **BIN** : 3057384

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$166,300	\$38,300
Mechanical		\$65,800
Total	\$166,300	\$104,100
Importance Code A	\$166,300	\$38,300
Importance Code B		\$65,800
Total	\$166,300	\$104,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$80,100	\$700	\$1,500	
Interior Architecture	\$45,900		\$69,500	\$1,900
Electrical	\$6,900	\$1,400	\$2,200	\$1,700
Mechanical	\$17,700	\$13,000	\$3,700	\$3,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$154,600	\$19,100	\$80,800	\$10,500
Importance Code A	\$80,900	\$1,600	\$2,600	\$900
Importance Code B	\$55,900	\$17,500	\$78,200	\$9,600
Importance Code C	\$17,900			
Total	\$154,600	\$19,100	\$80,800	\$10,500



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
BEDFORD BRANCH LIBRARY
Asset # : 13235

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	12%			LIFE	**	5	\$30,700	
Cast Stone/Terra Cotta	3%	Now	\$27,500	LIFE	**	5	\$7,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Chimney</i>								
<i>Crazing, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Chimney</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Chimney</i>								
Masonry: Brick	85%	Now	\$166,300	LIFE	**	5	\$27,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	85%			2040	**	5	\$3,000	
Steel	15%	Now	\$26,900	2049	**	5	\$3,300	
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Staff Room</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Unit Inoperable, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Basement</i>								
Parapets								
Cast Stone/Terra Cotta	10%	Now	\$4,600	LIFE	**	5	\$2,800	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Coping</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Coping</i>								
Masonry: Brick	80%	Now	\$16,800	LIFE	**	5	\$2,900	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout Interior Face</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Classroom 2</i>								
Metal Panel	10%			2044	**	5	\$1,400	
Roof								
Asphalt Shingle	25%			2027		10	\$700	
Single Ply Membrane	75%	Now	\$4,200	2029	**			
<i>Patching Evident, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout, 2012</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over 2nd Floor</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
BEDFORD BRANCH LIBRARY
Asset # : 13235

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	23%			2020	\$66,800	3	\$7,900	
Cast in Place Concrete	5%			LIFE	**	5	\$2,500	
Ceramic Tile	5%			2033	**	5	\$1,100	
Marble Panels	2%			LIFE	**	5	\$300	
Vinyl Tile	65%	0-2	\$12,600	2029	**	3	\$5,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : First Floor</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : First Floor And Mezzanine</i>								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$2,100	
Concrete Masonry Unit	2%	Now	\$900	LIFE	**	5	\$300	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Mechanical Room Near Auditorium</i>								
Gypsum Board	40%			LIFE	**	5	\$10,000	
Masonry: Brick	5%			LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Foundation Wall At Boiler Room Corridor</i>								
Plaster	48%	Now	\$15,900	LIFE	**	5	\$6,000	
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Lunch Room</i>								
Ceilings								
AcousTileSusp.Lay-In	5%			2037	**	5	\$1,100	
Gypsum Board	45%			LIFE	**	5	\$12,900	
Plaster	50%	Now	\$14,900	LIFE	**	5	\$7,200	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Classroom 3</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Mezzanine, 2nd Floor Classroom 2 And 4</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2050	**	5	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2050	**	5	\$500	
Raceway								
Conduit	70%			2050	**	1		
Conduit	30%			2024	\$9,300	1		

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
BEDFORD BRANCH LIBRARY
Asset # : 13235

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2046	**	5		
Molded Case Bkrs	85%			2046	**	5	\$400	
Molded Case Bkrs	10%			2032	**	5		
Wiring								
Braided Cloth	20%	2-4	\$5,500	2049	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	80%			2050	**	1		
Motor Controllers								
Locally Mounted	100%			2041	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	95%			2032	**	10	\$15,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	5%			2032	**	10	\$800	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Battery	50%			2032	**	10	\$2,100	
Exit, LED	50%			2059	**	1		
Exterior Lighting								
HID	100%			2032	**	10	\$100	
Alarm								
Security System								
No Component	30%							
Generic	70%			2032	**	1	\$4,500	
Fire/Smoke Detection								
Generic	100%			2032	**	1-3	\$10,600	

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		

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BROOKLYN PUBLIC LIBRARY - 038
BEDFORD BRANCH LIBRARY
Asset # : 13235

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	100%	Now	\$800	2041	**	1	\$7,700	
			<i>Malfunctioning, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Control System</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : One Unit</i>					
Distribution								
Hot Wtr Piping/Pump	100%	2-4	\$4,300	2040	**	4	\$800	
			<i>Corroded, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Terminal Devices								
Air Handler	30%			2029	**	1	\$3,200	
Fan Coil Unit/Heat	70%			2029	**	1	\$3,900	
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	30%			2025	\$65,800	2	\$300	
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>					
			<i>Location : A C Room</i>					
Exterior Pkg Unit - Cooling	70%			2029	**	2	\$700	
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Roof</i>					
Terminal Devices								
Fan Coil - Cooling	10%			2029	**	1	\$600	
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2029	**	2	\$1,200	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,600	
Exhaust Fans								
Interior	90%			2029	**	2	\$500	
Roof	10%			2029	**	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		
Water Heater								
Gas Fired	100%			2019	\$4,000	2	\$300	

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

BROOKLYN PUBLIC LIBRARY - 038
BEDFORD BRANCH LIBRARY
Asset # : 13235

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping Cast Iron	100%	Now	\$3,700	LIFE	**	1		
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Franklin Avenue</i>								
<i>Explanation : Main Backs Up From Street, Flooding Basement, Boiler Room And Auditorium</i>								
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
Sump Pump(s) Submersible	100%			2018	\$6,600	4	\$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators Hydraulic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Makes 6 Stops For 3 Levels - B, 1, 2</i>								
<i>Explanation : One Unit</i>								
Fire Suppression								
Chemical System No Component	80%							
Generic	20%			2019	\$5,200	1-3	\$10,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Fire Extinguishers</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : **BOROUGH PARK BRANCH LIBRARY**
Address : **1265 43RD ST. @13TH AVENUE**
Borough : **BROOKLYN** **Agency's Number** : **25**
Program / Asset # : **BPL0B25.000 / 13236** **Yr Built/Renovated** : **1955 / 2003**
Area Sq Ft : **19,594** **Project Type** : **BROOKLYN PUBLIC LIBRARY**
Date of Survey : **27-Feb-2013** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **5598** **Lot** : **48** **BIN** : **3135907**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$154,600	\$80,300
Interior Architecture		\$164,200
Electrical	\$38,900	\$322,100
Mechanical	\$96,700	
Total	\$290,200	\$566,600
Importance Code A	\$154,600	\$80,300
Importance Code B	\$135,600	\$486,300
Total	\$290,200	\$566,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$47,600			
Interior Architecture	\$18,200		\$500	\$2,400
Electrical	\$9,200	\$20,200	\$1,800	\$2,200
Mechanical	\$2,000	\$27,200	\$3,800	\$2,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$80,900	\$51,400	\$10,100	\$10,600
Importance Code A	\$48,500	\$1,000	\$1,000	\$1,000
Importance Code B	\$22,900	\$50,400	\$9,200	\$9,600
Importance Code C	\$9,500			
Total	\$80,900	\$51,400	\$10,100	\$10,600



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
BOROUGH PARK BRANCH LIBRARY
Asset # : 13236

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	92%	Now	\$154,600	LIFE	**	5	\$25,900	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Resting Masonry Supt, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
Masonry: Granite	3%			LIFE	**	5	\$600	
Masonry: Limestone	3%			LIFE	**	5	\$600	
Stucco Cement	2%			2037	**	5	\$1,400	
Windows								
Aluminum	95%	Now	\$14,900	2040	**	5	\$1,800	
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Side</i>								
Steel	5%			2032	**	5	\$2,400	
Parapets								
Masonry: Brick	95%	Now	\$32,700	LIFE	**	5	\$2,900	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Interior Face</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above Second Floor Windows</i>								
Masonry: Limestone	5%			LIFE	**	5	\$200	
Roof								
Built-Up (BUR)	95%			2024	\$80,300	10	\$17,700	
Skylight, Metal/Glass	5%			2044	**	10	\$3,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$3,000	
Ceramic Tile	5%			2033	**	5	\$1,400	
Terrazzo	5%			LIFE	**	5	\$1,100	
Vinyl Tile	70%			2024	\$164,200	3	\$9,700	
Vinyl Tile	15%			2029	**	3	\$1,600	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
BOROUGH PARK BRANCH LIBRARY
Asset # : 13236

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$2,100	
Concrete Masonry Unit	5%			LIFE	**	5	\$800	
Gypsum Board	55%			LIFE	**	5	\$14,000	
Masonry: Brick	5%			LIFE	**			
Plaster	25%	Now	\$8,400	LIFE	**	5	\$3,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Staff Stair</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Staff Stair</i>								
Wood	5%			LIFE	**	5	\$8,500	
Ceilings								
AcousTileSusp.Lay-In	10%			2037	**	5	\$2,800	
Exposed Concrete	10%			LIFE	**	5	\$400	
Gypsum Board	65%			LIFE	**	5	\$23,100	
Plaster	15%	Now	\$5,600	LIFE	**	5	\$2,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Staff Stair</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Staff Stair</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$1,500	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 400 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$32,000	5	\$500	
Raceway								
Conduit	20%			2024	\$6,200	1		
Conduit	80%			2034	**	1		
Panelboards								
Fused Disc Sw	5%			2032	**	5		
Molded Case Bkrs	50%			2032	**	5	\$300	
Molded Case Bkrs	45%			2023	\$6,700	5	\$200	
Wiring								
Braided Cloth	25%	2-4	\$6,900	2049	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
Thermoplastic	75%			2034	**	1		
Motor Controllers								
Locally Mounted	100%			2029	**	5	\$100	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
BOROUGH PARK BRANCH LIBRARY
Asset # : 13236

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	20%			2019	\$38,900	10	\$3,600	
		<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
Fluorescent	75%			2029	**	10	\$13,500	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Fluorescent	5%			2029	**	10	\$900	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Stairway</i>						
		<i>Explanation : Compact Fluorescent Light Fixtures</i>						
Egress Lighting								
Emergency, Battery	50%			2024	\$13,100	10	\$2,400	
Exit, Service	50%			2024	\$1,400	1		
Exterior Lighting								
Fluorescent	100%			2024	\$62,200	10	\$1,800	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Front Only</i>						
		<i>Explanation : Compact Fluorescent Light Fixtures</i>						
Alarm								
Security System								
Generic	100%			2024	\$58,700	1	\$7,300	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Intrusion Alarm Only, Motion Sensors</i>						
Fire/Smoke Detection								
Generic	100%			2024	\$201,100	1-3	\$12,400	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Strobe Lights, Manual Pull Station And Alarm Bells</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2029	**	1	\$9,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
BOROUGH PARK BRANCH LIBRARY
Asset # : 13236

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Distribution							
Hot Wtr Piping/Pump	100%			2032	**	4	\$1,000
Terminal Devices							
Air Handler	20%	Now	\$400	2019	\$20,900	1	\$2,200
		<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>					
		<i>Location : Water Leaks To Staircase</i>					
Convactor/Radiator	80%			2029	**	1	\$5,100
Air Conditioning							
Energy Source							
Electricity	100%			2040	**	1	
Conversion Equipment							
Int Pkg Unit - Heating/Cooling	25%			2018	\$96,700	2	\$300
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 25%</i>					
		<i>Location : Basement</i>					
Exterior Pkg Unit - Cooling	75%			2029	**	2	\$900
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 75%</i>					
		<i>Location : Roof</i>					
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$10,900
Exhaust Fans							
Interior	20%			2019	\$4,300	2	\$100
Roof	80%			2029	**	2	\$500
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2034	**	1	
Water Heater							
Gas Fired	100%			2022	\$4,500	2	\$300
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%			LIFE	**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : B, 1, 2</i>					
		<i>Explanation : 1 Unit</i>					

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : BRIGHTON BEACH BRANCH LIBRARY
Address : 16 BRIGHTON FIRST ROAD @BRIGHTON BEACH AVE.
Borough : BROOKLYN **Agency's Number** : 24
Program / Asset # : BPL0B24.000 / 13237 **Yr Built/Renovated** : 1992 / 1999
Area Sq Ft : 12,166 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 27-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 8680 **Lot** : 32 **BIN** : 3245028

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Interior Architecture	\$87,600	\$138,100
Electrical		\$288,700
Mechanical		\$285,600
Total	\$87,600	\$712,400
Importance Code B	\$87,600	\$712,400
Total	\$87,600	\$712,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$63,000			
Interior Architecture	\$34,900			\$2,000
Electrical	\$1,000	\$2,400	\$800	\$1,000
Mechanical	\$10,300	\$1,300	\$2,500	\$1,300
Total	\$109,200	\$3,700	\$3,300	\$4,400
Importance Code A	\$63,600	\$600	\$600	\$600
Importance Code B	\$45,700	\$3,100	\$2,700	\$3,800
Importance Code C				
Total	\$109,200	\$3,700	\$3,300	\$4,400



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

BROOKLYN PUBLIC LIBRARY - 038
BRIGHTON BEACH BRANCH LIBRARY
Asset # : 13237

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	95%			LIFE	**	5	\$12,800	
	<i>Painted Surfaces, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Glass Block	5%			LIFE	**	5	\$700	
Windows								
Aluminum	100%	Now	\$15,200	2040	**	5	\$900	
	<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Along Brighton Beach Ave</i>							
Parapets								
Cast Stone/Terra Cotta	10%	Now	\$14,300	LIFE	**	5	\$2,900	
	<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Missing Flashing</i>							
Concrete Masonry Unit	90%			LIFE	**	5	\$3,900	
Roof								
Single Ply Membrane	98%	Now	\$33,400	2029	**			
	<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Skylight, Metal/Glass	2%			2044	**	10	\$2,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$2,000	
Quarry Tile	5%			2037	**	5	\$1,400	
Vinyl Tile	90%	0-2	\$27,600	2024	\$138,100	3	\$6,100	
	<i>Adhesion Failure, Extent : Moderate, Area Affected : 35%</i>							
	<i>Location : Throughout</i>							
	<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Interior Walls								
Concrete Masonry Unit	10%			LIFE	**	5	\$600	
Glass: Single Pane	5%			LIFE	**	5	\$500	
Glazed Ceramic Panel	5%			LIFE	**			
Gypsum Board	80%			LIFE	**	5	\$6,600	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
BRIGHTON BEACH BRANCH LIBRARY
Asset # : 13237

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	60%	Now	\$87,600	2044	**	5	\$5,500	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Gypsum Board	40%	Now	\$7,300	LIFE	**	5	\$9,100	
<i>Water Penetration, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	**	5	\$100	
Raceway								
Conduit	100%			2034	**	1		
Panelboards								
Fused Disc Sw	5%			2032	**	5		
Molded Case Bkrs	95%			2032	**	5	\$300	
Wiring								
Thermoplastic	100%			2034	**	1		
Motor Controllers								
Locally Mounted	100%			2029	**	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	98%			2024	\$118,300	10	\$10,900	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	2%			2024	\$2,400	2		
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$1,500	
Exit, Service	50%			2029	**	1		

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

BROOKLYN PUBLIC LIBRARY - 038
BRIGHTON BEACH BRANCH LIBRARY
Asset # : 13237

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Exterior Lighting								
HID	100%			2024	\$45,500	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	**	1	\$1,400	
Fire/Smoke Detection								
Generic	100%			2024	\$124,900	1-3	\$7,700	
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2029	**	1	\$6,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Penthouse Mechanical Room</i>								
<i>Explanation : (3) Gas Fired Modular Hot Water Boilers</i>								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	\$6,100	2032	**	4	\$600	
<i>Corroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Penthouse Mechanical Room</i>								
Terminal Devices								
Air Handler	70%			2024	\$45,500	1	\$5,300	
Convactor/Radiator	25%	0-2	\$2,800	2029	**	1	\$900	
<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout, Defective Hot Water Radiator And Air Handler Temperature Control System</i>								
Unit Heater-Stm/HW	5%			2024	\$3,900	4	\$100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2022	\$240,100	2	\$700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,800	
Exhaust Fans								
Interior	90%			2024	\$12,000	2	\$300	
Roof	10%			2024	\$1,000	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		

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

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

BROOKLYN PUBLIC LIBRARY - 038
BRIGHTON BEACH BRANCH LIBRARY
Asset # : 13237

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater Gas Fired	100%			2023	\$2,800	2	\$200	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Penthouse Mechanical Room</i>								
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Backflow Preventer Generic	100%			2024	\$1,200	1	\$700	
Fixtures Generic	100%							

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Estimates are rounded to the nearest hundred dollars.

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

BROOKLYN PUBLIC LIBRARY - 038
BROOKLYN CENTRAL LIBRARY
Asset # : 2136

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Bronze/Brass	2%			LIFE	**	10	\$117,500	
Masonry: Brick	5%			LIFE	**	5	\$37,600	
Masonry: Granite	5%	Now	\$241,000	LIFE	**	5	\$14,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	62%	0-2	\$2,760,200	LIFE	**	5	\$174,900	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%			2047	**	5-10	\$129,300	
Metal Coiling Doors	2%	Now	\$92,500	2032	**	5	\$11,800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	10%	Now	\$134,700	LIFE	**	5	\$122,200	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Stucco Cement	9%	Now	\$106,200	2040	**	5	\$42,300	
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : At Overhead Doors Facing Parking Area</i>								
<i>Explanation : Corroded Steel Lintels</i>								
Windows								
Aluminum	15%			2043	**	5	\$5,100	
Bronze/Brass	60%	Now	\$1,555,200	2035	**	5	\$64,200	
<i>Air Infiltration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Hardware Missing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Glass Block	10%	Now	\$55,600	LIFE	**	5	\$2,100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : South Facade Facing Second Floor Roof</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : South Facade Facing Second Floor Roof</i>								
<i>Explanation : Corroded Steel Support</i>								
Steel	15%	0-2	\$290,900	2052	**	5	\$32,100	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Stairs, Sections Of South Facades</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Stairs, Sections Of South Facades</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Stairs, Sections Of South Facades</i>								

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
BROOKLYN CENTRAL LIBRARY
Asset # : 2136

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Parapets								
Masonry: Brick	25%	Now	\$51,500	LIFE	**	5	\$8,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	65%	Now	\$242,700	LIFE	**	5	\$26,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Stucco Cement	10%	Now	\$9,200	2040	**	5	\$4,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Asphalt Macadam	15%			2037	**	5	\$36,600	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout 2015</i>								
Modified Bitumen	73%			2037	**	10	\$267,300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout 2015</i>								
Plaza Roof: Stone Panels	10%			2047	**			
Skylight, Metal/Glass	2%	Now	\$351,600	2037	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Third Floor Roof Over Art And Music Areas</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Third Floor Roof Over Art And Music Areas</i>								
Interior								
Floors								
Carpet	15%			2026	\$1,469,600	3	\$159,400	
Cast in Place Concrete	7%			LIFE	**	5	\$217,000	
Ceramic Tile	10%	Now	\$148,800	2036	**	5	\$35,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Terrazzo	5%			LIFE	**	5	\$55,400	
Terrazzo	2%			LIFE	**	5	\$22,100	
Vinyl Tile	33%	Now	\$861,400	2032	**	3	\$87,700	
<i>Adhesion Failure, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Language Literature, Social Science, Book Storage Areas</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Language Literature, Social Science, Book Storage Areas</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Language Literature, Social Science, Book Storage Areas</i>								
Vinyl Tile	28%			2032	**	3	\$74,400	

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BROOKLYN PUBLIC LIBRARY - 038
BROOKLYN CENTRAL LIBRARY
Asset # : 2136

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	**	10	\$185,000	
Concrete Masonry Unit	5%			LIFE	**	5	\$29,600	
Glass: Single Pane	5%			LIFE	**	5	\$55,500	
Gypsum Board	20%			LIFE	**	5-10	\$251,600	
Masonry: Brick	5%			LIFE	**	10	\$11,100	
Marble Panels	2%	Now	\$127,800	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Auditorium Exit</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Auditorium Exit</i>								
Plaster	43%	Now	\$55,300	LIFE	**	5	\$95,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Balcony Corridor Facing Lobby</i>								
Wood	10%			LIFE	**	5	\$592,000	
<i>Recent Replace Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : New Auditorium</i>								
Ceilings								
AcousTileConcealSpLn	15%			2040	**	5	\$118,400	
AcousTileConcealSpLn	20%	0-2	\$55,300	2032	**	5	\$78,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
AcousTileSusp.Lay-In	10%			2040	**	5	\$63,200	
Exposed Concrete	10%			LIFE	**	5-10	\$78,900	
Gypsum Board	15%			LIFE	**	5-10	\$325,600	
Plaster	30%			LIFE	**	5-10	\$325,600	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	50%			2053	**	5	\$4,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 4000 Amps Main Disconnect Switch</i>								
Molded Case Bkrs	50%			2053	**	5	\$4,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 4000 Amps Main Disconnect Switch</i>								
Transformers								
Dry Type	100%			2044	**	5	\$1,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 500 Kva 208/120 Pri - 480 Sec</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
BROOKLYN CENTRAL LIBRARY
Asset # : 2136

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	50%			2053	**	5	\$4,600	
Molded Case Bkrs	50%			2053	**	5	\$4,600	
Raceway								
Conduit	80%			2027	\$195,200	1		
Conduit	20%			2053	**	1		
Panelboards								
Fused Disc Sw	10%			2026	\$14,600	5	\$800	
Molded Case Bkrs	60%			2026	\$87,400	5	\$5,500	
Molded Case Bkrs	30%			2049	**	5	\$2,800	
Wiring								
Braided Cloth	30%	2-4	\$73,400	2052	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	50%			2027	\$122,300	1		
Thermoplastic	20%			2053	**	1		
Motor Controllers								
Locally Mounted	70%			2025	\$458,300	5	\$1,700	
Variable Frequency Drive	30%			2044	**			
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$10,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Water Main</i>								
Lighting								
Interior Lighting								
Fluorescent	65%			2027	\$2,467,700	10	\$208,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-8 Lamps</i>								
Fluorescent	20%			2035	**	10	\$64,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	5%			2035	**	10	\$16,100	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2022	\$189,800	10	\$16,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Uisng T-12 Lamps</i>								
LED	5%			2035	**			

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
BROOKLYN CENTRAL LIBRARY
Asset # : 2136

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Egress Lighting								
Emergency, Service	40%			2022	\$74,600	1		
Emergency, Battery	10%			2035	* *	10	\$8,400	
Exit, LED	10%			2062	* *	1		
Exit, Service	40%			2022	\$21,700	1		
Exterior Lighting								
HID	100%			2022	\$1,432,000	10	\$1,100	
Alarm								
Security System								
No Component	90%							
Generic	10%			2035	* *	1	\$13,100	
Fire/Smoke Detection								
No Component	90%							
Generic, Digital	10%			2032	* *	1-3	\$21,600	
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2047	* *	1		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : One Tank Of 15,000 Gallons</i>						
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	\$346,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 3 Boilers</i>						
Distribution								
Steam Piping/Pump	100%			2037	* *	4	\$17,300	
Terminal Devices								
Air Handler	60%			2022	\$1,226,600	1	\$129,900	
Convactor/Radiator	40%			2032	* *	1	\$45,200	
Air Conditioning								
Energy Source								
Electricity	30%			2035	* *	1		
Steam/HW System	70%			2037	* *	1		

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BROOKLYN PUBLIC LIBRARY - 038
BROOKLYN CENTRAL LIBRARY
Asset # : 2136

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	85%			2035	**	1	\$138,000	
<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Chillers Penthouse</i>								
Exterior Pkg Unit - Cooling	15%			2027	\$262,500	2	\$3,200	
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : Split Systems</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%			2037	**	4	\$17,300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2027	\$1,610,500	1	\$216,400	
Heat Rejection								
Air Condenser Unit	15%			2027	\$113,600	2	\$36,600	
Water Cooling Tower	85%	Now	\$18,500	2028	**	2	\$239,500	
<i>Leak Evident, Extent : Severe, Area Affected : 25%</i>								
<i>Location : One Of The Cooling Towers</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$309,000	
Exhaust Fans								
Interior	95%	Now	\$19,900	2022	\$398,200	2	\$8,100	
<i>Noisy/Vibrating, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Fan Room</i>								
Roof	5%			2027	\$15,100	2	\$500	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2032	**	1		
Water Heater								
Gas Fired	100%			2025	\$88,200	2	\$5,100	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Rigid Piping	100%			2027	\$12,000	4	\$2,500	
Sewage Ejector(s)								
Compressed Air	100%			2027	\$30,900	4	\$2,500	
Fixtures								
Generic	100%							
Vertical Transport								

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BROOKLYN PUBLIC LIBRARY - 038
BROOKLYN CENTRAL LIBRARY
Asset # : 2136

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Various Locations</i>							
	<i>Explanation : Seven Units</i>							
Escalators								
Under 20' Rise	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 1-2</i>							
	<i>Explanation : Two Units</i>							
Fire Suppression								
Standpipe								
Generic	100%			2047		**	1-5	\$176,500
Sprinkler								
No Component	60%							
Generic	40%			2047		**	1-2	\$39,200

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : **BROOKLYN HEIGHTS / BUSINESS & CAREER LIBRARY**
Address : **280 CADMAN PLAZA WEST @ TILLERY ST.**
Borough : **BROOKLYN** Agency's Number : **50**
Program / Asset # : **BPL0002.000 / 2137** Yr Built/Renovated : **1962 / 2012**
Area Sq Ft : **52,545** Project Type : **BROOKLYN PUBLIC LIBRARY**
Date of Survey : **23-Jul-2014** Landmark Status : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,2**
Block : **239** Lot : **16** BIN : **3001939**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$278,200	
Interior Architecture	\$132,400	\$416,600
Electrical	\$405,200	\$44,900
Mechanical		\$1,690,400
Total	\$815,800	\$2,151,900
Importance Code A	\$278,200	\$117,100
Importance Code B	\$537,600	\$2,034,800
Total	\$815,800	\$2,151,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$67,400		\$2,300	
Interior Architecture	\$71,900	\$1,300		\$5,600
Electrical	\$16,700	\$1,900	\$18,500	\$1,500
Mechanical	\$10,100	\$22,500	\$14,200	\$24,100
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$174,000	\$33,600	\$42,900	\$39,100
Importance Code A	\$70,000	\$2,600	\$5,000	\$2,600
Importance Code B	\$68,500	\$29,700	\$37,900	\$36,500
Importance Code C	\$35,500	\$1,300		
Total	\$174,000	\$33,600	\$42,900	\$39,100



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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BROOKLYN PUBLIC LIBRARY - 038
BROOKLYN HEIGHTS / BUSINESS & CAREER LIBRARY

Asset # : 2137

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	5%	Now	\$6,200	LIFE	**	5	\$2,100	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Lintels At Rear Egress Passage</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Rooftop Bulkheads</i>								
Masonry: Limestone	62%	Now	\$278,200	LIFE	**	5	\$19,300	
<i>Loose Units, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Upper Northeast Corner Of Main Facade And Above Main Entrance</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North And Rear Facades</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North And Rear Facades</i>								
Granite Panels	30%			LIFE	**	5	\$9,300	
Window Wall	3%			2045	**	5	\$4,700	
Windows								
Aluminum	100%	Now	\$18,600	2033	**	5	\$2,200	
<i>Hardware Missing, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Soffit Of Window At Main Stair Landing</i>								
Parapets								
Masonry: Brick	45%			LIFE	**	5	\$3,700	
<i>Recent Repair Evident, Extent : Light, Area Affected : 45%</i>								
<i>Location : Brick Cavity Wall</i>								
Masonry: Limestone	30%	0-2	\$7,800	LIFE	**	5	\$3,100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Metal Rail	8%			2038	**	5-10	\$12,000	
Granite Panels	17%			LIFE	**	5	\$1,600	
Roof								
Modified Bitumen	100%	2-4	\$27,500	2035	**			
<i>Alligating, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At All Seams And Corners</i>								
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Bulkhead Stair And Under Cooling Tower</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Rooftops - Painting</i>								
Interior								

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BROOKLYN PUBLIC LIBRARY - 038
BROOKLYN HEIGHTS / BUSINESS & CAREER LIBRARY

Asset # : 2137

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	**	5	\$40,700	
Ceramic Tile	10%			2028	**	5	\$7,400	
Terrazzo	5%			LIFE	**	5	\$2,900	
Vinyl Tile	60%	2-4	\$37,600	2025	\$375,900	3	\$16,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout 1st And 2nd Floors</i>								
Interior Walls								
Ceramic Tile	5%			2034	**	5	\$2,600	
Concrete Masonry Unit	25%			LIFE	**	5	\$5,300	
Gypsum Board	50%			LIFE	**	5	\$15,800	
Mosaic Tile	5%	Now	\$26,800	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Main Stairwell</i>								
Wood	15%	4+	\$8,700	LIFE	**	5	\$31,600	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout 1st And 2nd Floors</i>								
Ceilings								
AcousTileSusp.Lay-In	35%	Now	\$20,900	2030	**	5	\$13,000	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 2nd Floor, Reception, Auditorium</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 2nd Floor, Reception, Auditorium</i>								
Exposed Concrete	40%	2-4	\$94,800	LIFE	**	5	\$4,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Horizontal Cracks Thru Beam And Slab, Running East - West In Basement, Sub-basement</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout Basement And Sub-basement</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Sub-basement</i>								
Gypsum Board	15%	Now	\$5,600	LIFE	**	5	\$13,900	
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout Main Stair And Bulkhead</i>								
Metal Panel	10%	0-2	\$6,200	LIFE	**	5	\$9,300	
<i>Loose Units, Extent : Light, Area Affected : 5%</i>								
<i>Location : 2nd Floor Corridor</i>								

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

Under 600 Volts

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BROOKLYN PUBLIC LIBRARY - 038
BROOKLYN HEIGHTS / BUSINESS & CAREER LIBRARY
Asset # : 2137

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	\$4,800	5	\$200	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 1200 Amps Main Disconnect Switch</i>							
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	\$32,000	5	\$1,400	
Raceway								
Conduit	80%			2025	\$24,800	1		
Conduit	20%			2035	**	1		
Panelboards								
Fused Disc Sw	10%			2024	\$3,000	5	\$100	
Molded Case Bkrs	60%			2024	\$17,800	5	\$800	
Molded Case Bkrs	30%			2033	**	5	\$400	
Wiring								
Braided Cloth	20%	2-4	\$5,500	2050	**	1		
	<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
Thermoplastic	60%			2035	**	1		
Thermoplastic	20%			2035	**	1		
Motor Controllers								
Locally Mounted	50%			2030	**	5	\$200	
Locally Mounted	50%			2023	\$44,900	5	\$200	
Ground								
Grounding Devices								
Generic	100%	0-2	\$9,400	LIFE	**	5	\$800	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Water Main</i>							
	<i>Explanation : Corroded</i>							
Lighting								
Interior Lighting								
Fluorescent	67%			2030	**	10	\$32,300	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : T-12 Lamps</i>							
Fluorescent	30%			2030	**	10	\$14,500	
	<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Incandescent	3%			2020	\$15,600	2		
Egress Lighting								
Emergency, Service	50%			2025	\$12,100	1		
Exit, Service	50%			2025	\$3,500	1		
Exterior Lighting								
HID	100%			2020	\$196,600	10	\$200	
Alarm								

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BROOKLYN PUBLIC LIBRARY - 038
BROOKLYN HEIGHTS / BUSINESS & CAREER LIBRARY
Asset # : 2137

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

Alarm

Security System

No Component

70%

Generic

30%

2030

* *

1

\$5,900

Fire/Smoke Detection

No Component

70%

Generic, Analog

30%

2020

\$161,800

1-3

\$9,700

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

Heating

Energy Source

Natural Gas

100%

2045

* *

1

Conversion Equipment

Hot Water Boiler

100%

2023

\$117,100

1

\$26,000

*Other Observation, Extent : Light, Area Affected : 100%**Location : Sub-basement**Explanation : 7 Gas Fired Sectional Hot Water Boilers*

Distribution

Hot Wtr Piping/Pump

100%

2033

* *

4

\$2,600

Terminal Devices

Air Handler

90%

2025

\$252,700

1

\$29,200

Convactor/Radiator

10%

2030

* *

1

\$1,700

Air Conditioning

Energy Source

Electricity

100%

2041

* *

1

Conversion Equipment

Reciprocating

90%

2025

\$159,000

1

\$21,900

Compr/Chiller

Exterior Pkg Unit -

10%

2025

\$24,000

2

\$300

Cooling

*R-22 Refrigerant, Extent : Light, Area Affected : 100%**Location : Throughout*

Distribution

Chilled Wtr Pipe/Pump

100%

2035

* *

4

\$3,900

Terminal Devices

Fan Coil - Cool/Heat

100%

2025

\$985,600

1

\$17,000

Heat Rejection

Air Condenser Unit

10%

2025

\$10,400

2

\$3,700

Water Cooling Tower

90%

2023

\$134,500

2

\$47,600

Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

* *

2-5

\$29,300

Exhaust Fans

Roof

100%

2025

\$41,400

2

\$1,600

Plumbing

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BROOKLYN PUBLIC LIBRARY - 038
BROOKLYN HEIGHTS / BUSINESS & CAREER LIBRARY
Asset # : 2137

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2045	* *	1		
Galv Iron/Steel	95%			2030	* *	1		
Water Heater								
Gas Fired	100%			2025	\$12,100	2	\$800	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Sub-basement</i>						
		<i>Explanation : One Unit</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	\$11,000	4	\$1,600	
Sewage Ejector(s)								
Electric	100%			2025	\$11,000	4	\$1,600	
Backflow Preventer								
Generic	100%			2025	\$5,000	1	\$3,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Sub-basement Through Second Floor</i>						
		<i>Explanation : One Unit</i>						
Hydraulic	50%			LIFE	* *			
		<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : First Thru Second Floor</i>						
		<i>Explanation : One Unit - Not Operating Properly</i>						
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2035	* *	1-2	\$3,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Exterior</i>						
		<i>Explanation : No Siamese Connection Evident</i>						

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Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : BROWNSVILLE BRANCH LIBRARY
Address : 61 GLENMORE AVE. @ WATKINS ST.
Borough : BROOKLYN **Agency's Number** : 27
Program / Asset # : BPL0B27.000 / 13238 **Yr Built/Renovated** : 1908 / 2012
Area Sq Ft : 10,500 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 15-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,1m
Block : 3489 **Lot** : 150 **BIN** : 3080669

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Interior Architecture	\$117,000	
Electrical		\$108,100
Mechanical		\$79,500
Total	\$117,000	\$187,600
Importance Code B	\$117,000	\$187,600
Total	\$117,000	\$187,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture		\$2,100	\$1,400	
Interior Architecture	\$1,100			\$1,700
Electrical	\$9,200	\$5,800	\$1,200	\$1,000
Mechanical	\$5,500	\$2,100	\$3,300	\$2,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$19,800	\$14,000	\$9,800	\$8,800
Importance Code A	\$500	\$2,700	\$2,000	\$500
Importance Code B	\$18,600	\$11,300	\$7,900	\$8,300
Importance Code C	\$700			
Total	\$19,800	\$14,000	\$9,800	\$8,800



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

BROOKLYN PUBLIC LIBRARY - 038
BROWNSVILLE BRANCH LIBRARY
Asset # : 13238

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	**	5	\$21,000	
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	5%			LIFE	**	5	\$900	
Masonry: Limestone	10%			LIFE	**	5	\$1,900	
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Cornices</i>								
Windows								
Aluminum	100%			2040	**	5	\$2,900	
Parapets								
Masonry: Brick	80%			LIFE	**	5	\$2,300	
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Metal Rail	10%			2044	**	5-10	\$5,200	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	10%			LIFE	**	5	\$1,800	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Modified Bitumen	100%			2034	**	10	\$17,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$8,100	
Ceramic Tile	5%			2033	**	5	\$900	
Vinyl Tile	75%	Now	\$117,000	2034	**	3	\$5,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$1,400	
Concrete Masonry Unit	5%			LIFE	**	5	\$500	
Gypsum Board	50%			LIFE	**	5	\$8,200	
Masonry: Brick	10%			LIFE	**			
Plaster	30%			LIFE	**	5	\$2,500	
Ceilings								
Gypsum Board	50%			LIFE	**	5	\$11,600	
Plaster	50%			LIFE	**	5	\$5,800	

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

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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BROOKLYN PUBLIC LIBRARY - 038
BROWNSVILLE BRANCH LIBRARY
Asset # : 13238

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2034	**	5	\$300	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 2- Main Service Disconnect Rated @ 200 Amperes Each</i>							
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	**	5	\$300	
Raceway								
Conduit	100%			2034	**	1		
Panelboards								
Fused Disc Sw	50%			2032	**	5	\$100	
Molded Case Bkrs	50%			2032	**	5	\$100	
Wiring								
Braided Cloth	30%	2-4	\$8,200	2049	**	1		
	<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Thermoplastic	70%			2034	**	1		
Motor Controllers								
Locally Mounted	100%			2029	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	66%			2024	\$68,800	10	\$6,400	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : T-12 Lamps</i>							
Fluorescent	30%			2029	**	10	\$2,900	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : T-8 Lamps</i>							
Fluorescent	4%			2029	**	10	\$400	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Boiler Room</i>							
	<i>Explanation : Compact Fluorescent Light Fixtures</i>							
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$1,300	
Exit, Service	50%			2029	**	1		
Exterior Lighting								
HID	100%			2024	\$39,300	10		
Alarm								
Security System								
Generic	100%			2032	**	1	\$3,900	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : C C T V Surveillance Cameras</i>							

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BROOKLYN PUBLIC LIBRARY - 038
BROWNSVILLE BRANCH LIBRARY
Asset # : 13238

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

Alarm

Fire/Smoke Detection Generic	100%			2032	**	1-3	\$6,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Alarm Bells, Manual Pull Stations</i>								

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

Heating

Energy Source Natural Gas	100%			2044	**	1		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Next To The Boiler Room, Basement</i>								
<i>Explanation : No Vent For Gas Meter Room</i>								

Conversion Equipment Hot Water Boiler	100%			2041	**	1	\$5,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Unit</i>								

Distribution Hot Wtr Piping/Pump	100%			2040	**	4	\$500	
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Terminal Devices Air Handler	40%			2024		1	\$2,600	
Convactor/Radiator	60%			2029	**	1	\$2,000	

Air Conditioning

Energy Source Electricity	100%			2040	**	1		
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Conversion Equipment Reciprocating Compr/Chiller	100%	Now	\$3,500	2024	\$35,300	1	\$4,400	
<i>Not in Service, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Facility In Back Yard (Not Accessible)</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st And 2nd Floor</i>								
<i>Explanation : 4 Portable Units Being Used</i>								

Distribution Chilled Wtr Pipe/Pump	100%			2034	**	4	\$800	
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Terminal Devices Air Handler/Cool/Ht	100%			2024	\$44,200	1	\$6,500	
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Heat Rejection Not Accessible	100%							
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Ventilation

Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,900	
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BROOKLYN PUBLIC LIBRARY - 038
BROWNSVILLE BRANCH LIBRARY
Asset # : 13238

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	60%			2024	\$6,900	2	\$200	
Roof	40%			2024	\$3,300	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2023	\$2,400	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : B, 1, 2</i>						
		<i>Explanation : One Unit</i>						

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Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : BUSHWICK BRANCH LIBRARY
Address : 340 BUSHWICK AVE. @SEIGEL ST.
Borough : BROOKLYN **Agency's Number** : 29
Program / Asset # : BPL0B29.000 / 13239 **Yr Built/Renovated** : 1908 / 2004
Area Sq Ft : 10,640 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 04-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,Mez
Block : 3098 **Lot** : 19 **BIN** : 3071470

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$158,100	
Interior Architecture	\$86,500	
Electrical	\$213,700	
Total	\$458,300	
Importance Code A	\$158,100	
Importance Code B	\$300,200	
Total	\$458,300	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$10,600	\$15,100		
Interior Architecture	\$17,500	\$500	\$1,300	\$200
Electrical	\$23,000	\$48,800	\$900	\$900
Mechanical	\$3,800	\$3,000	\$3,900	\$3,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$58,800	\$71,400	\$10,000	\$7,900
Importance Code A	\$11,200	\$15,700	\$500	\$500
Importance Code B	\$45,700	\$55,600	\$9,400	\$7,400
Importance Code C	\$1,900			
Total	\$58,800	\$71,400	\$10,000	\$7,900



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BROOKLYN PUBLIC LIBRARY - 038
BUSHWICK BRANCH LIBRARY
Asset # : 13239

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	\$36,500	LIFE	**	5	\$17,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Columns At Main Entrance</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Main Entrance</i>								
Masonry: Brick	90%	0-2	\$121,600	LIFE	**	5	\$20,300	
<i>Efflorescence, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%			2032	**	5	\$44,200	
Parapets								
Cast Stone/Terra Cotta	10%	0-2	\$1,400	LIFE	**	5	\$1,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Front Facade</i>								
Masonry: Brick	10%	Now	\$1,000	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Interior Face At North And South Sides</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Interior Face At North And South Sides</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Interior Face At North And South Sides</i>								
<i>Explanation : Stucco On Brick</i>								
Masonry: Brick	80%	Now	\$8,200	LIFE	**	5	\$1,400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations On Exterior Face</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
Roof								
Modified Bitumen	95%			2029	**	10	\$14,400	
<i>Patching Evident, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Single Ply Membrane	5%			2029	**	10	\$800	
Interior								

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BROOKLYN PUBLIC LIBRARY - 038
BUSHWICK BRANCH LIBRARY
Asset # : 13239

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	\$300	LIFE	**	5	\$1,500	
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Mechanical Room</i>								
Ceramic Tile	5%			2033	**	5	\$700	
Sheet Vinyl/Rubber	5%			2029	**	5	\$1,000	
Vinyl Tile	75%			2029	**	3	\$3,800	
Vinyl Tile	10%	Now	\$11,400	2034	**	3	\$500	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Basement, Lunch Room</i>								
<i>Poor Subfloor Evident, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement, Lunch Room</i>								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$900	
Plaster	10%	Now	\$1,400	LIFE	**	5	\$500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Corridor, Mezzanine Office</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Mezzanine Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Mezzanine Office</i>								
Plaster	85%			LIFE	**	5	\$4,600	
Ceilings								
AcousTileConcealSpLn	80%	4+	\$86,500	2044	**	5	\$6,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : South Wall</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : First Floor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : First Floor</i>								
Plaster	20%	Now	\$3,500	LIFE	**	5	\$1,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Mezzanine Floor</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Mezzanine Floor</i>								

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

Under 600 Volts

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BROOKLYN PUBLIC LIBRARY - 038
BUSHWICK BRANCH LIBRARY
Asset # : 13239

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	\$700	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Amps Main Disconnect Switch</i>								
Molded Case Bkrs	50%			2024	\$700	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 350 Amps Main Disconnect</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$32,000	5	\$300	
Raceway								
Conduit	20%			2044	**	1		
Conduit	80%			2024	\$24,800	1		
Panelboards								
Fused Disc Sw	5%			2023	\$700	5		
Molded Case Bkrs	75%			2023	\$11,100	5	\$200	
Molded Case Bkrs	20%			2040	**	5	\$100	
Wiring								
Braided Cloth	80%	2-4	\$22,000	2049	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	20%			2044	**	1		
Motor Controllers								
Locally Mounted	50%			2022	\$15,000	5		
Locally Mounted	50%			2037	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	99%			2019	\$104,500	10	\$9,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	1%			2019	\$1,100	2		
Egress Lighting								
Emergency, Battery	50%			2024	\$7,100	10	\$1,300	
Exit, Service	50%			2024	\$800	1		
Exterior Lighting								
HID	50%			2019	\$19,900	10		
Incandescent	50%			2019	\$16,900	2		
Alarm								
Security System								
No Component	30%							
Generic	70%			2032	**	1	\$2,800	

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BROOKLYN PUBLIC LIBRARY - 038
BUSHWICK BRANCH LIBRARY
Asset # : 13239

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

Alarm

Fire/Smoke Detection
Generic

100% 2019 \$109,200 1-3 \$6,600

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

Heating

Energy Source
Natural Gas

100% 2044 * * 1

Other Observation, Extent : Light, Area Affected : 5%

Location : Adjacent To Boiler Room

Explanation : Discontinued Oil Tank Still In Basement Vault

Conversion Equipment
Hot Water Boiler

100% 2037 * * 1 \$5,300

Other Observation, Extent : Light, Area Affected : 100%

Location : Basement Boiler Room

Explanation : 1 Unit

Distribution

Hot Wtr Piping/Pump

100% 2032 * * 4 \$500

Terminal Devices

Air Handler

60% 2024 \$34,100 1 \$4,000

Convactor/Radiator

40% 2029 * * 1 \$1,400

Air Conditioning

Energy Source

Electricity

100% 2040 * * 1

Conversion Equipment

Reciprocating

70% 2024 \$25,000 1 \$3,500

Compr/Chiller

Exterior Pkg Unit -

Cooling

30% 2024 \$14,600 2 \$200

Terminal Devices

Air Handler/Cool/Ht

70% 2024 \$31,300 1 \$4,600

No Component

30%

Heat Rejection

Air Condenser Unit

70% 2029 * * 2 \$5,200

No Component

30%

Ventilation

Distribution

Ductwork/Diffusers

100% Now \$1,800 LIFE * * 2-5 \$5,900

Insul. Deteriorating, Extent : Severe, Area Affected : 5%

Location : Water Leaking Into Upper Level Office

Exhaust Fans

Interior

75% 2029 * * 2 \$200

Roof

25% 2024 \$2,100 2 \$100

Plumbing

H/C Water Piping

Brass/Copper

100% 2034 * * 1

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BROOKLYN PUBLIC LIBRARY - 038
BUSHWICK BRANCH LIBRARY
Asset # : 13239

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Water Heater Gas Fired	100%			2022	\$2,500	2	\$200	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : There Is No Drain In Boiler Room</i>								
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s) Electric	100%			2024	\$11,000	4	\$1,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Electric Room</i>								
<i>Explanation : 1 Unit</i>								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B-1, 2</i>								
<i>Explanation : One Unit</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : CARROLL GARDENS BRANCH LIBRARY
Address : 396 CLINTON ST. @UNION ST.
Borough : BROOKLYN **Agency's Number** : 31
Program / Asset # : BPL0C31.000 / 13241 **Yr Built/Renovated** : 1905 / 2012
Area Sq Ft : 14,075 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 25-Feb-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,Mez
Block : 338 **Lot** : 33 **BIN** : 3004336

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$196,500	
Interior Architecture		\$79,400
Electrical	\$171,400	\$57,800
Total	\$367,800	\$137,200
Importance Code A	\$196,500	
Importance Code B	\$171,400	\$137,200
Total	\$367,800	\$137,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$43,800			
Interior Architecture	\$49,800			\$1,600
Electrical	\$9,100	\$21,900	\$600	\$700
Mechanical	\$3,000	\$1,600	\$3,500	\$1,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$109,600	\$27,500	\$8,000	\$7,900
Importance Code A	\$44,500	\$900	\$700	\$700
Importance Code B	\$47,900	\$26,600	\$7,300	\$7,200
Importance Code C	\$17,200			
Total	\$109,600	\$27,500	\$8,000	\$7,900



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
CARROLL GARDENS BRANCH LIBRARY
Asset # : 13241

Architecture	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	92%	0-2	\$196,500	LIFE	**	5	\$32,900	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
Masonry: Limestone	5%			LIFE	**	5	\$1,300	
Masonry: Sandstone	3%	Now	\$24,500	LIFE	**	5	\$800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Base Throughout</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Base Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Building Base</i>								
<i>Explanation : This Is Actually Bluestone</i>								
Windows								
Aluminum	80%			2032	**	5	\$3,900	
Steel	20%			2032	**	5	\$12,000	
Parapets								
Masonry: Brick	70%	Now	\$19,400	LIFE	**	5	\$1,700	
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Exterior Face</i>								
Masonry: Limestone	30%			LIFE	**	5	\$900	
Roof								
Modified Bitumen	100%			2032	**	10	\$12,000	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout, 2012</i>								
Interior								
Floors								
Cast in Place Concrete	2%			LIFE	**	5	\$600	
Ceramic Tile	3%	0-2	\$800	2027		5	\$200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Bathrooms</i>								
Marble Panels	5%			LIFE	**	5	\$500	
Vinyl Tile	65%			2024		3	\$4,700	
Vinyl Tile	25%	Now	\$30,500	2034	**	3	\$1,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement, 1st Floor</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement, 1st Floor</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
CARROLL GARDENS BRANCH LIBRARY
Asset # : 13241

Architecture		Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Interior									
Interior Walls									
Ceramic Tile	5%			2033	**	5	\$1,100		
Plaster	95%	0-2	\$16,700	LIFE	**	5	\$6,300		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Elevator Foyer</i>									
Ceilings									
AcousTileConcealSpLn	5%			2037	**	5	\$900		
Plaster	95%			LIFE	**	5	\$8,700		
<i>Recent Repair Evident, Extent : Light, Area Affected : 75%</i>									
<i>Location : Throughout, 2012</i>									
Electrical									
System Component Type		% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
Molded Case Bkrs	100%			2024	\$1,500	5	\$400		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : One 500 Amps Main Disconnect Switch</i>									
Switchgear / Switchboard									
Molded Case Bkrs	100%			2024	\$32,000	5	\$400		
Raceway									
Conduit	5%			2044	**	1			
Conduit	95%			2024	\$29,500	1			
Panelboards									
Fused Disc Sw	5%			2023	\$700	5			
Molded Case Bkrs	95%			2023	\$14,100	5	\$400		
Wiring									
Braided Cloth	30%	2-4	\$8,200	2049	**	1			
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Throughout The Building</i>									
Thermoplastic	60%			2024	\$16,500	1			
Thermoplastic	10%			2044	**	1			
Motor Controlllers									
Locally Mounted	100%			2022	\$29,900	5	\$100		
Ground									
Grounding Devices									
Generic	100%			LIFE	**	5	\$200		
Lighting									

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
CARROLL GARDENS BRANCH LIBRARY
Asset # : 13241

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	10%			2029	**	10	\$1,300	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Mezzanine</i>							
	<i>Explanation : T-8 Lamps</i>							
Fluorescent	85%			2019	\$118,700	10	\$11,000	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : T-12 Lamps</i>							
Incandescent	5%			2019	\$7,000	2		
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$1,700	
Exit, Service	50%			2029	**	1		
Exterior Lighting								
HID	100%			2019	\$52,700	10		
Alarm								
Security System								
No Component	50%							
Generic	50%			2024	\$21,100	1	\$2,600	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2024	\$57,800	1-3	\$3,600	
Mechanical								
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2034	**	1		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Sub-basement</i>							
	<i>Explanation : Old Oil Tank Abandoned In Place</i>							
Conversion Equipment								
Hot Water Boiler	100%			2029	**	1	\$7,000	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Sub-basement</i>							
	<i>Explanation : 1 Gas Fired Hot Water Boiler</i>							
Distribution								
Hot Wtr Piping/Pump	100%	0-2	\$1,400	2032	**	4	\$700	
	<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Sub-basement, Defective Pump Motor Bearings</i>							
Terminal Devices								
Air Handler	50%			2029	**	1	\$4,400	
Convactor/Radiator	50%			2037	**	1	\$2,300	
Air Conditioning								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
CARROLL GARDENS BRANCH LIBRARY
Asset # : 13241

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Air Conditioning									
Energy Source									
Electricity	100%			2040	**	1			
Conversion Equipment									
Ext Pkg Unit - Heating/Cooling	100%			2029	**	2	\$900		
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,800		
Exhaust Fans									
Wall Unit	100%			2024	\$21,100	2	\$400		
Plumbing									
H/C Water Piping									
Brass/Copper	100%			2034	**	1			
Water Heater									
Gas Fired	100%			2022	\$3,200	2	\$200		
Sanitary Piping									
Cast Iron	100%			LIFE	**	1			
Storm Drain Piping									
Cast Iron	100%			LIFE	**	1			
Sump Pump(s)									
Rigid Piping	100%			2032	**	4	\$1,600		
				<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>					
				<i>Location : Sub-basement</i>					
Backflow Preventer									
Generic	100%			2029	**	1	\$900		
Fixtures									
Generic	100%								
Vertical Transport									
Elevators									
Hydraulic	100%			LIFE	**				
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
				<i>Location : B-1</i>					
				<i>Explanation : One Unit</i>					

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : CONEY ISLAND BRANCH LIBRARY
 Address : 1901 MERMAID AVE. W. 19TH STREET
 Borough : BROOKLYN Agency's Number : 32
 Program / Asset # : BPL0C32.000 / 13243 Yr Built/Renovated : 1957 / 2013
 Area Sq Ft : 14,000 Project Type : BROOKLYN PUBLIC LIBRARY
 Date of Survey : 24-Jun-2015 Landmark Status : NONE
 Areas Surveyed : Roof, Floors 1,2
 Block : 7019 Lot : 43 BIN : 3189001

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$113,900
Electrical		\$13,900
Total		\$127,700
Importance Code A		\$113,900
Importance Code B		\$13,900
Total		\$127,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$18,600			
Interior Architecture	\$3,400	\$3,100		
Electrical	\$1,100	\$1,400	\$1,100	\$11,400
Mechanical	\$2,000	\$1,800	\$7,300	\$1,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$29,000	\$10,200	\$12,300	\$17,100
Importance Code A	\$19,300	\$700	\$700	\$700
Importance Code B	\$9,700	\$8,900	\$11,600	\$16,400
Importance Code C		\$600		
Total	\$29,000	\$10,200	\$12,300	\$17,100



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
CONEY ISLAND BRANCH LIBRARY
Asset # : 13243

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	\$16,300	LIFE	**	5	\$27,300	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Rear Facade And Stair Bulkhead On Roof.</i>								
Masonry: Granite	5%			LIFE	**	5	\$1,300	
Metal/Glass Curt Wall	15%			LIFE	**	5	\$9,600	
<i>Thermally Inefficient, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%			2042	**	5	\$1,800	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	**	5	\$4,000	
<i>Worn/Eroded, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	85%			LIFE	**	5	\$3,000	
<i>Spalling, Extent : Light, Area Affected : 30%</i>								
<i>Location : Above Parapet Wall Base Counter Flashing</i>								
Roof								
Modified Bitumen	95%	Now	\$2,300	2026			\$113,900	
<i>Blisters, Extent : Light, Area Affected : 10%</i>								
<i>Location : Adjacent To Mechanical Equipment On Main Roof</i>								
Skylight, Metal/Glass	5%			2036	**	10	\$3,500	
<i>Deteriorated Finish, Extent : Light, Area Affected : 100%</i>								
<i>Location : Stair Bulkhead Roof And Main Roof</i>								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$9,200	
Ceramic Tile	10%			2039	**	5	\$2,100	
Terrazzo	15%			LIFE	**	5	\$2,500	
Vinyl Tile	55%			2034	**	3	\$4,300	
Interior Walls								
Ceramic Tile	5%			2039	**	5	\$1,300	
Gypsum Board	50%			LIFE	**	5	\$7,600	
Masonry: Brick	15%			LIFE	**			
Plaster	30%			LIFE	**	5	\$2,300	
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Stairwell At Roof Bulkhead</i>								
Ceilings								
AcousTileConcealSpLn	30%			2043	**	5	\$6,700	
Gypsum Board	35%			LIFE	**	5	\$7,900	
Plaster	25%			LIFE	**	5	\$2,800	
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Stairwell</i>								
Wood	10%			LIFE	**	5	\$15,700	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
CONEY ISLAND BRANCH LIBRARY
Asset # : 13243

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 600 Amps Service</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	**	5	\$100	
Raceway								
Conduit	100%			2046	**	1		
Panelboards								
Molded Case Bkrs	100%			2042	**	5	\$400	
Wiring								
Thermoplastic	100%			2046	**	1		
Motor Controllers								
Locally Mounted	100%			2039	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	80%			2031	**	10	\$10,300	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	10%			2026	\$13,900	10	\$1,300	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Incandescent	10%			2026	\$13,900	2		
Egress Lighting								
Emergency, Service	50%			2026	\$3,400	1		
Exit, LED	50%			2054	**	1		
Alarm								
Security System								
No Component	50%							
Generic	50%			2031	**	1	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : First And Second Floor</i>								
<i>Explanation : Cctv Only</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2031	**	1-3	\$8,600	

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
CONEY ISLAND BRANCH LIBRARY
Asset # : 13243

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Conversion Equipment							
Hot Water Boiler	100%			2039	**	1	\$6,900
Distribution							
Hot Wtr Piping/Pump	100%			2042	**	4	\$1,000
Terminal Devices							
Convactor/Radiator	100%			2039	**	1	\$4,500
Air Conditioning							
Energy Source							
Electricity	100%			2042	**	1	
Conversion Equipment							
Exterior Pkg Unit - Cooling Split Unit	50%			2031	**	2	\$400
	50%			2031	**		
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2	\$18,200
Terminal Devices							
Fan Coil - Cooling	100%			2031	**	1	\$4,500
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,800
Exhaust Fans							
Roof	100%			2031	**	2	\$400
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2046	**	1	
Water Heater							
Gas Fired	100%			2024	\$3,200	2	\$200
							<i>Other Observation, Extent : Light, Area Affected : 100%</i>
							<i>Location : 1st Floor Mechanical</i>
							<i>Explanation : 1 - 50 Gallon Unit</i>
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%			LIFE	**		
							<i>Other Observation, Extent : Light, Area Affected : 100%</i>
							<i>Location : 1st To 2nd Floor</i>
							<i>Explanation : 1 - Unit</i>

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : DEKALB BRANCH LIBRARY
Address : 790 BUSHWICK AVE. @DEKALB AVE.
Borough : BROOKLYN **Agency's Number** : 35
Program / Asset # : BPL0D35.000 / 13245 **Yr Built/Renovated** : 1905 / 2013
Area Sq Ft : 12,584 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 18-Mar-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,Mez
Block : 3241 **Lot** : 18 **BIN** : 3073751

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$441,100	\$37,200
Interior Architecture	\$131,800	
Electrical	\$27,300	\$35,000
Mechanical		\$51,500
Total	\$600,300	\$123,700
Importance Code A	\$441,100	\$37,200
Importance Code B	\$159,100	\$86,500
Total	\$600,300	\$123,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$10,200		\$4,600	
Interior Architecture	\$35,300	\$700		\$1,800
Electrical	\$11,200	\$14,300	\$1,200	\$800
Mechanical	\$1,900	\$2,900	\$3,200	\$2,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$62,500	\$21,800	\$13,000	\$9,000
Importance Code A	\$10,800	\$800	\$5,300	\$600
Importance Code B	\$41,800	\$21,000	\$7,700	\$8,400
Importance Code C	\$9,900			
Total	\$62,500	\$21,800	\$13,000	\$9,000



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
DEKALB BRANCH LIBRARY
Asset # : 13245

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%	Now	\$54,500	LIFE	**	5	\$24,100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Cornice</i>								
Masonry: Brick	83%	Now	\$111,800	LIFE	**	5	\$17,100	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Sidewalk Shed in Use, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Along Bushwick Ave</i>								
Masonry: Sandstone	2%	Now	\$6,900	LIFE	**	5	\$300	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Window Sills</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Window Sills</i>								
Windows								
Wood	100%	Now	\$190,500	2049	**	5	\$23,400	
<i>Air Infiltration, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Main Reading Room</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
DEKALB BRANCH LIBRARY
Asset # : 13245

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	23%	Now	\$38,200	LIFE	**	5	\$8,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Coping</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Coping</i>								
Masonry: Brick	75%	Now	\$46,100	LIFE	**	5	\$3,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	2%	Now	\$3,300	LIFE	**	5	\$100	1
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Coping Over Auditorium Exit</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Coping Over Auditorium Exit</i>								
<i>Miss/Damaged Copings, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Over Auditorium Exit</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Coping Over Auditorium Exit</i>								
<i>Explanation : This Coping Is Actually Bluestone</i>								
Roof								
Copper/Terne	85%			2052	**	10	\$37,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Repairs In Progress, Not Accessible</i>								
Roll Roofing	5%			2020		5	\$1,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Repairs In Progress, Not Accessible</i>								
Single Ply Membrane	10%			2024		10	\$1,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Repairs In Progress, Not Accessible</i>								

Interior

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
DEKALB BRANCH LIBRARY
Asset # : 13245

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$3,900	
Ceramic Tile	5%			2027	\$18,800	5	\$900	
Sheet Vinyl/Rubber	5%			2029	**	5	\$1,300	
Vinyl Tile	80%	4+	\$131,800	2034	**	3	\$5,400	
<i>Adhesion Failure, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Main Floor</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Main Floor</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Main Floor</i>								
Interior Walls								
Ceramic Tile	5%			2027	\$26,100	5	\$900	
Concrete Masonry Unit	10%			LIFE	**	5	\$700	
Gypsum Board	15%			LIFE	**	5	\$1,600	
Plaster	65%	Now	\$9,900	LIFE	**	5	\$3,400	
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Custodian Room, Tech Room</i>								
Wood	5%			LIFE	**	5	\$3,500	
Ceilings								
AcousTile,Adhered	5%	Now	\$9,100	2044	**	5	\$500	
<i>Adhesion Failure, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Auditorium</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Auditorium</i>								
AcousTileSusp.Lay-In	25%	Now	\$7,900	2029	**	5	\$2,300	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Custodian Office And Tech Room</i>								
Exposed Concrete	5%			LIFE	**	5	\$100	
Plaster	65%	Now	\$8,400	LIFE	**	5	\$7,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Mezzanine</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Mezzanine</i>								

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$1,600	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$35,000	5	\$300	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
DEKALB BRANCH LIBRARY
Asset # : 13245

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	70%			2024	\$23,800	1		
Conduit	30%			2044	**	1		
Panelboards								
Fused Disc Sw	5%			2040	**	5		
Molded Case Bkrs	20%			2023	\$3,200	5	\$100	
Molded Case Bkrs	75%			2040	**	5	\$200	
Wiring								
Thermoplastic	30%			2044	**	1		
Thermoplastic	70%			2024	\$21,000	1		
Motor Controllers								
Locally Mounted	100%			2037	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%	0-2	\$10,300	LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								
Lighting								
Interior Lighting								
Fluorescent	20%			2019	\$27,300	10	\$2,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	50%			2029	**	10	\$5,800	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	30%			2029	**	10	\$3,500	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$1,500	
Exit, Service	50%			2029	**	1		
Exterior Lighting								
HID	100%			2029	**	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	**	1	\$1,400	
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$7,800	

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

Heating

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

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

BROOKLYN PUBLIC LIBRARY - 038
DEKALB BRANCH LIBRARY
Asset # : 13245

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$6,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : One Unit</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2032	**	4	\$600	
Terminal Devices								
Air Handler	70%			2024	\$51,500	1	\$5,500	
Convactor/Radiator	30%			2037	**	1	\$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	70%			2029	**	2	\$500	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 2 Units On The Roof</i>						
No Component	30%							
Terminal Devices								
Fan Coil - Cooling	30%			2029	**	1	\$1,200	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2029	**	2	\$2,600	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,000	
Exhaust Fans								
Interior	100%			2024	\$15,100	2	\$400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	**	1		
Water Heater								
Gas Fired	100%			2022	\$3,200	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Backflow Preventer								
No Component	90%							
Generic	10%			2029	**	1	\$100	
Fixtures								
Generic	100%							
Vertical Transport								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
DEKALB BRANCH LIBRARY
Asset # : 13245

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B-1</i>								
<i>Explanation : One Unit</i>								
Fire Suppression								
Chemical System								
No Component	90%							
Generic	10%			2022	\$2,800	1-3	\$5,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Fire Extinguishers</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.*

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : EAST FLATBUSH BRANCH LIBRARY
Address : 9612 CHURCH AVE. NEAR ROCKAWAY PARKWAY
Borough : BROOKLYN **Agency's Number** : 36
Program / Asset # : BPL0E36.000 / 13247 **Yr Built/Renovated** : 1962 / 1999
Area Sq Ft : 12,329 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 12-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 4717 **Lot** : 38 **BIN** : 3103597

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$150,500
Electrical		\$168,500
Mechanical		\$289,500
Total		\$608,500
Importance Code A		\$150,500
Importance Code B		\$457,900
Total		\$608,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$30,100	\$100		
Interior Architecture	\$800		\$1,800	
Electrical	\$1,200	\$1,200	\$1,400	\$1,200
Mechanical	\$1,500	\$1,300	\$2,800	\$1,300
Total	\$33,600	\$2,700	\$5,900	\$2,400
Importance Code A	\$30,700	\$800	\$600	\$600
Importance Code B	\$2,900	\$1,900	\$5,300	\$1,800
Importance Code C				
Total	\$33,600	\$2,700	\$5,900	\$2,400



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
EAST FLATBUSH BRANCH LIBRARY
Asset # : 13247

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	45%			LIFE	**	5	\$4,300	
Glass Block	10%			LIFE	**	5	\$1,000	
Masonry: Brick	40%			LIFE	**	5	\$6,100	
Granite Panels	5%			LIFE	**	5	\$600	
Parapets								
Concrete Masonry Unit	25%			LIFE	**	5	\$400	
Metal Panel	5%			2044	**	5	\$300	
Metal: Cage/Fence	70%			2037	**	5-10	\$8,000	
Roof								
IRMA/Protected Membrane	90%	Now	\$30,100	2024			\$150,500	
								<i>Insul Deter/Miss, Extent : Moderate, Area Affected : 25%</i>
								<i>Location : Throughout</i>
								<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>
								<i>Location : First Floor</i>
Sloped Glazing	10%			LIFE	**	5	\$28,200	
Interior								
Floors								
Ceramic Tile	10%			2033	**	5	\$1,600	
Vinyl Tile	90%			2029	**	3	\$5,300	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	**	5	\$1,600	
Gypsum Board	75%			LIFE	**	5	\$7,000	
Ceilings								
AcousTileSusp.Lay-In	75%			2037	**	5	\$11,800	
Plaster	25%			LIFE	**	5	\$2,500	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	**	5	\$100	
								<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>
								<i>Location : Electrical Room</i>
								<i>Explanation : Main Service Switch Rated @ 600 Amperes</i>
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	**	5	\$100	
Raceway								
Conduit	100%			2034	**	1		
Panelboards								
Molded Case Bkrs	100%			2032	**	5	\$300	
Wiring								
Thermoplastic	100%			2034	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
EAST FLATBUSH BRANCH LIBRARY
Asset # : 13247

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2029	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	98%			2024	\$119,900	10	\$11,100	
		<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Fluorescent	2%			2024	\$2,400	10	\$200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Entrance</i>						
		<i>Explanation : Compact Fluorescent Light Fixtures</i>						
Egress Lighting								
Emergency, Battery	50%			2024	\$8,200	10	\$1,500	
Exit, Service	50%			2024	\$900	1		
Exterior Lighting								
HID	100%			2024	\$46,100	10		
Alarm								
Security System								
Generic	100%			2032	**	1	\$4,600	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : C C T V Surveillance Cameras</i>						
Fire/Smoke Detection								
Generic	100%			2032	**	1-3	\$7,600	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Smoke Detector, Manual Pull Station, Strobe Lights And Horns</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$6,100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2032	**	4	\$600	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
EAST FLATBUSH BRANCH LIBRARY
Asset # : 13247

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Terminal Devices								
Air Handler	70%			2024	\$46,100	1	\$5,300	
Convactor/Radiator	30%			2029	* *	1	\$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2022	\$243,400	2	\$800	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Heat Rejection								
Not Accessible	100%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,900	
Exhaust Fans								
Interior	90%			2024	\$12,200	2	\$300	
Roof	10%			2024	\$1,000	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	\$2,800	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : EASTERN PARKWAY BRANCH LIBRARY
Address : 1044 EASTERN PKWY. @SCHENECTADY AVE.
Borough : BROOKLYN **Agency's Number** : 37
Program / Asset # : BPL0E37.000 / 13248 **Yr Built/Renovated** : 1914 / 2005
Area Sq Ft : 15,901 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 24-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 1396 **Lot** : 6 **BIN** : 3037543

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$112,700	\$74,000
Electrical	\$163,200	\$209,400
Mechanical		\$121,800
Total	\$275,900	\$405,200
Importance Code A	\$112,700	\$74,000
Importance Code B	\$163,200	\$331,200
Total	\$275,900	\$405,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$13,100	\$28,100	\$16,900	
Interior Architecture	\$12,000			\$4,000
Electrical	\$22,600	\$1,500	\$1,700	\$10,100
Mechanical	\$2,900	\$2,600	\$8,900	\$1,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$54,500	\$36,100	\$31,400	\$19,800
Importance Code A	\$13,900	\$28,900	\$17,700	\$1,000
Importance Code B	\$40,600	\$7,200	\$13,700	\$18,800
Importance Code C				
Total	\$54,500	\$36,100	\$31,400	\$19,800



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
EASTERN PARKWAY BRANCH LIBRARY
Asset # : 13248

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	5%			LIFE	**	5	\$1,100	
Masonry: Granite	5%	Now	\$2,600	LIFE	**	5	\$800	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	85%	Now	\$112,700	LIFE	**	5	\$14,100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Stucco Cement	5%	Now	\$3,200	2031	**	5	\$1,400	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Chimney</i>								
Windows								
Steel	5%			2025		5	\$3,700	
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	95%			2034	**	5	\$56,200	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	50%	Now	\$7,300	LIFE	**	5	\$1,300	
<i>Loose/Delam Surface, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	50%			LIFE	**	5	\$1,600	
<i>Worn/Eroded, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Roll Roofing	100%			2025		5	\$30,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$2,600	
Traffic Topping	10%			2031	**	5	\$3,000	
Vinyl Tile	85%	Now	\$8,500	2031	**	3	\$7,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$400	
Gypsum Board	15%			LIFE	**	5	\$1,800	
Plaster	70%			LIFE	**	5	\$4,200	
SGFT/Glazed Masonry	10%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st And 2nd Floors</i>								
<i>Explanation : Located In Main Stairwell</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
EASTERN PARKWAY BRANCH LIBRARY
Asset # : 13248

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileConcealSpLn	90%	Now	\$3,400	2039	**	5	\$13,400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Entry Vestibule</i>								
Plaster	10%			LIFE	**	5	\$1,500	
Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2026	\$1,500	5	\$400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 500 Amp Service</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	\$32,000	5	\$400	
Raceway								
Conduit	95%			2026	\$29,500	1		
Conduit	5%			2036	**	1		
Panelboards								
Molded Case Bkrs	95%			2025	\$14,100	5	\$400	
Molded Case Bkrs	5%			2034	**	5		
Wiring								
Braided Cloth	80%	0-2	\$22,000	2051	**	1		
<i>Insulation Aged, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	20%			2036	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	95%			2026	\$149,900	10	\$13,900	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Incandescent	5%			2021	\$7,900	2		
Egress Lighting								
Exit, LED	30%			2041	**	1		
Exit, Service	40%			2026	\$900	1		
Exit, Battery	30%			2026	\$2,200	10	\$300	
Exterior Lighting								
HID	100%			2026	\$59,500	10		
Alarm								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
EASTERN PARKWAY BRANCH LIBRARY
Asset # : 13248

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

Alarm

Security System Generic	100%			2031	**	1	\$5,900	
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Other Observation, Extent : Light, Area Affected : 100%
Location : Throughout The Building
Explanation : Cctv Only

Fire/Smoke Detection Generic, Analog	100%	0-2	\$163,200	2036	**	1-3	\$8,900	
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Other Observation, Extent : Light, Area Affected : 100%
Location : Throughout The Building
Explanation : Outdated - Very Old Fire Alarm System

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

Heating

Energy Source Electricity	30%			2046	**	1		
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Other Observation, Extent : Light, Area Affected : 100%
Location : Roof
Explanation : Electric Coil In Roof Top Unit

Natural Gas	70%			2046	**	1		
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Conversion Equipment Furnace	30%			2026	\$5,800	1	\$2,400	
Hot Water Boiler	70%			2031	**	1	\$5,500	

Distribution Ductwork/Diffusers	50%			LIFE	**	2-5	\$4,400	
Hot Wtr Piping/Pump	50%			2042	**	4	\$600	

Terminal Devices Air Handler	70%			2026	\$59,500	1	\$6,900	
Convactor/Radiator	30%			2031	**	1	\$1,500	

Air Conditioning

Energy Source Electricity	100%			2042	**	1		
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Conversion Equipment Exterior Pkg Unit - Cooling	30%			2026	\$21,800	2	\$300	
Ext Pkg Unit - Heating/Cooling	60%			2026	\$62,300	2	\$600	
Split Unit	10%			2031	**			

Distribution Ductwork/Diffusers	100%			LIFE	**	2	\$20,700	
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Terminal Devices Direct Expansion	10%			2026	\$4,900	1		
No Component	90%							

Ventilation

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
EASTERN PARKWAY BRANCH LIBRARY
Asset # : 13248

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,900	
Exhaust Fans								
Roof	100%			2031	* *	2	\$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	\$3,700	2	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 1 - 40 Gallon Unit</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	\$2,500	
Sewage Ejector(s)								
Compressed Air	100%			2046	* *	4	\$2,500	
Backflow Preventer								
No Component	90%							
Generic	10%			2031	* *	1	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : Boilers Only</i>						
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement to 2nd Floor</i>						
		<i>Explanation : One Unit</i>						

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : FLATBUSH BRANCH LIBRARY
Address : 22 LINDEN BLVD. BTWN: FLATBUSH AVE - BEDFORD AVE
Borough : BROOKLYN **Agency's Number** : 38
Program / Asset # : BPL0003.000 / 4202 **Yr Built/Renovated** : 1905 / 2014
Area Sq Ft : 21,790 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 12-May-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2m,2
Block : 5086 **Lot** : 15 **BIN** : 3116706

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$185,300	
Interior Architecture		\$25,900
Mechanical		\$218,000
Total	\$185,300	\$243,900
Importance Code A	\$185,300	
Importance Code B		\$243,900
Total	\$185,300	\$243,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$10,700			\$21,600
Interior Architecture		\$6,700	\$2,300	
Electrical	\$400	\$600	\$500	\$20,800
Mechanical	\$9,300	\$4,500	\$10,400	\$4,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$24,400	\$15,800	\$17,100	\$50,900
Importance Code A	\$11,800	\$1,100	\$1,100	\$22,700
Importance Code B	\$12,600	\$14,700	\$14,800	\$28,200
Importance Code C			\$1,200	
Total	\$24,400	\$15,800	\$17,100	\$50,900



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
FLATBUSH BRANCH LIBRARY
Asset # : 4202

Architecture	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$138,600	LIFE	**	5	\$23,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Southwest Exit</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Chimney</i>								
Masonry: Limestone	5%			LIFE	**	5	\$1,000	
Pre-Cast Concrete	10%	Now	\$8,900	LIFE	**	5	\$8,900	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Building Base</i>								
<i>Open Joints, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Building Base</i>								
Windows								
Aluminum	93%	Now	\$46,700	2042	**	5	\$2,800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Glass Block	2%			LIFE	**	5	\$100	
Metal Louvers	5%	Now	\$1,800	2029	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade</i>								
Parapets								
Masonry: Brick	90%			LIFE	**	5	\$5,800	
Metal Panel	5%			2046	**	5	\$1,300	
Pre-Cast Concrete	5%			LIFE	**	5	\$2,000	
Roof								
Built-Up (BUR)	93%			2031	**	10	\$21,000	
Skylight, Metal/Glass	5%			2046	**	10	\$3,800	
Skylight, Metal/Glass	2%			2036	**	10	\$1,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$3,400	
Ceramic Tile	5%			2035	**	5	\$1,500	
Terrazzo	5%			LIFE	**	5	\$1,200	
Vinyl Tile	75%			2031	**	3	\$8,700	
Vinyl Tile	10%			2026		3	\$1,200	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
FLATBUSH BRANCH LIBRARY
Asset # : 4202

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

Interior

Interior Walls

Ceramic Tile	5%			2035	**	5	\$2,300	
Concrete Masonry Unit	10%			LIFE	**	5	\$1,900	
Glass: Single Pane	5%			LIFE	**	5	\$1,700	
Gypsum Board	10%			LIFE	**	5	\$2,800	
Masonry: Brick	5%			LIFE	**			
Marble Panels	5%			LIFE	**			
Plaster	55%			LIFE	**	5	\$7,700	
Plaster	5%			LIFE	**	5	\$700	

Ceilings

AcousTileSusp.Lay-In	25%			2039	**	5	\$7,700	
Gypsum Board	10%			LIFE	**	5	\$3,800	
Plaster	65%			LIFE	**	5	\$12,500	

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2046	**	5	\$100	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 1200 Amps Main Disconnect Switch

Switchgear / Switchboard

Fused Disc Sw	60%			2046	**	5	\$100	
Molded Case Bkrs	40%			2036	**	5	\$200	

Raceway

Conduit	70%			2026			\$21,700	1
Conduit	30%			2046	**	1		

Panelboards

Fused Disc Sw	10%			2042	**	5	\$100	
Molded Case Bkrs	70%			2042	**	5	\$400	
Molded Case Bkrs	20%			2025		5	\$4,400	\$100

Wiring

Thermoplastic	80%			2046	**	1		
Thermoplastic	20%			2026		1	\$5,500	

Motor Controllers

Locally Mounted	100%			2039	**	5	\$100	
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Ground

Grounding Devices

Generic	50%			LIFE	**	5	\$200	
Generic	50%			LIFE	**	5	\$200	

Other Observation, Extent : Moderate, Area Affected : 100%

Location : Basement

Explanation : Water Main

Lighting

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
FLATBUSH BRANCH LIBRARY
Asset # : 4202

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting Fluorescent	77%			2031	**	10	\$15,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	20%			2031	**	10	\$4,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2nd Floor Hallway, Basement Storage And Hallway</i>								
<i>Explanation : T-5 Lamps</i>								
Incandescent	3%			2031	**	2		
Egress Lighting								
Exit, Service	50%			2031	**	1		
Exit, Battery	50%			2031	**	10	\$700	
Exterior Lighting								
HID	100%			2031	**	10	\$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	**	1	\$1,600	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	**	1-3	\$2,700	
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Natural Gas	100%			2036	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2043	**	1	\$10,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2048	**	4	\$1,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Terminal Devices								
Air Handler	40%			2026	\$46,600	1	\$5,400	
Air Handler	20%			2034	**	1	\$2,700	
Convactor/Radiator	40%			2031	**	1	\$2,800	
Air Conditioning								
Energy Source Electricity	100%			2042	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
FLATBUSH BRANCH LIBRARY
Asset # : 4202

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2026	\$73,300	1	\$10,100	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i> <i>Location : Basement</i>								
Distribution								
Chilled Wtr Pipe/Pump	80%			2036	**	4	\$900	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	60%			2026	\$55,000	1	\$8,100	
Air Handler/Cool/Ht	20%			2031	**	1	\$2,700	
Fan Coil - Cool/Heat	20%			2031	**	1	\$1,400	
Heat Rejection								
Air Condenser Unit	100%			2026	\$43,100	2	\$15,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$12,200	
Exhaust Fans								
Roof	100%			2034	**	2	\$700	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2036	**	1		
Galv Iron/Steel	80%			2031	**	1		
Water Heater								
Electric	100%			2025	\$3,300	4	\$100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i> <i>Location : Basement</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Rigid Piping	100%			2034	**	4	\$2,500	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i> <i>Location : Basement</i>								
Sewage Ejector(s)								
Electric	100%			2026	\$11,000	4	\$2,500	
Backflow Preventer								
Generic	100%	0-2	\$100	2034	**	1	\$1,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Basement</i> <i>Explanation : Slight Leak</i>								
Fixtures								
Generic	100%							
Vertical Transport								

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

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

BROOKLYN PUBLIC LIBRARY - 038
FLATBUSH BRANCH LIBRARY
Asset # : 4202

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

Vertical Transport

Elevators

Hydraulic

100%

LIFE

* *

Other Observation, Extent : Light, Area Affected : 100%

Location : B-2

Explanation : 1 Unit

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.*

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : FLATLANDS BRANCH LIBRARY
Address : 2065 FLATBUSH AVENUE @AVENUE P
Borough : BROOKLYN **Agency's Number** : 39
Program / Asset # : BPL0F39.000 / 13249 **Yr Built/Renovated** : 1969 / 2003
Area Sq Ft : 12,028 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 04-Apr-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2m
Block : 7868 **Lot** : 39 **BIN** : 3219626

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$128,400
Electrical		\$193,600
Mechanical		\$142,100
Total		\$464,100
Importance Code A		\$128,400
Importance Code B		\$335,700
Total		\$464,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$6,100	\$7,400		
Interior Architecture	\$29,700		\$2,100	
Electrical	\$600	\$500	\$500	\$400
Mechanical	\$1,200	\$3,700	\$2,300	\$1,000
Total	\$37,600	\$11,600	\$4,900	\$1,400
Importance Code A	\$6,700	\$8,000	\$600	\$600
Importance Code B	\$30,500	\$3,600	\$4,300	\$800
Importance Code C	\$400			
Total	\$37,600	\$11,600	\$4,900	\$1,400



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
FLATLANDS BRANCH LIBRARY
Asset # : 13249

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	**	5	\$1,100	
Masonry: Brick	87%			LIFE	**	5	\$15,900	
Pre-Cast Concrete	3%	Now	\$1,800	LIFE	**	5	\$1,800	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Window Sills</i>								
Windows								
Glass Block	50%			LIFE	**	5	\$2,000	
Steel	50%			2032	**	5	\$39,300	
Parapets								
Masonry: Brick	90%			LIFE	**	5	\$2,500	
Metal Panel	10%	Now	\$4,300	2044	**	5	\$500	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Metal Coping At East Side</i>								
Roof								
Modified Bitumen	25%			2029	**	10	\$7,400	
Modified Bitumen	75%			2024	\$128,400	10	\$22,300	
Interior								
Floors								
Ceramic Tile	5%			2033	**	5	\$900	
Vinyl Tile	95%			2029	**	3	\$6,400	
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$800	
Gypsum Board	95%			LIFE	**	5	\$9,300	
Ceilings								
AcousTileConcealSpLn	20%	Now	\$28,900	2044	**	5	\$2,300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Mezzanine</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Mezzanine</i>								
AcousTileSusp.Lay-In	70%			2037	**	5	\$12,600	
Gypsum Board	10%			LIFE	**	5	\$2,300	

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$1,500	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 400 Amperes</i>								
Raceway								
Conduit	90%			2024	\$28,000	1		
Conduit	10%			2044	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
FLATLANDS BRANCH LIBRARY
Asset # : 13249

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	10%			2040	* *	5		
Molded Case Bkrs	90%			2023	\$13,300	5	\$300	
Wiring								
Thermoplastic	90%			2024	\$24,700	1		
Thermoplastic	10%			2044	* *	1		
Lighting								
Interior Lighting								
Fluorescent	40%			2024	\$47,700	10	\$4,400	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2024	\$6,000	10	\$600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Compact Fluorescent Light Fixtures</i>								
Fluorescent	55%			2024	\$65,600	10	\$6,100	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Service	50%			2024	\$2,900	1		
Exit, Service	50%			2024	\$900	1		
Exterior Lighting								
Fluorescent	100%			2024	\$38,200	10	\$1,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Compact Fluorescent Light Fixtures</i>								
Alarm								
Security System								
Generic	100%			2024	\$36,100	1	\$4,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Cctv Surveillance Cameras</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
FLATLANDS BRANCH LIBRARY
Asset # : 13249

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	40%			2024	\$5,800	1	\$2,400	
	<i>Other Observation, Extent : Light, Area Affected : 40%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 2 Roof Top Package Units</i>							
Hot Water Boiler	60%			2037	**	1	\$3,600	
	<i>Other Observation, Extent : Light, Area Affected : 60%</i>							
	<i>Location : 1st Floor Boiler Room</i>							
	<i>Explanation : 1 Unit</i>							
Distribution								
Hot Wtr Piping/Pump	60%			2032	**	4	\$400	
No Component	40%							
Terminal Devices								
Air Handler	30%			2024	\$19,300	1	\$2,200	
Convactor/Radiator	30%			2022	\$33,800	1	\$1,200	
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2032	**	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	40%			2022	\$95,000	2	\$300	
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 40%</i>							
	<i>Location : 1st Floor Mechanical Room</i>							
Ext Pkg Unit - Heating/Cooling	60%			2024	\$47,200	2	\$400	
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 60%</i>							
	<i>Location : 2 Units On Roof</i>							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,700	
Exhaust Fans								
Interior	30%			2024	\$4,000	2	\$100	
Roof	70%			2024	\$6,600	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	**	1		
Water Heater								
Gas Fired	100%			2019	\$2,800	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : FORT HAMILTON BRANCH LIBRARY
Address : 9424 FOURTH AVE. @95TH STREET
Borough : BROOKLYN **Agency's Number** : 40
Program / Asset # : BPL0F40.000 / 13250 **Yr Built/Renovated** : 1902 / 2011
Area Sq Ft : 11,230 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 26-Feb-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 6114 **Lot** : 37 **BIN** : 3155499

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture		\$2,400	\$100	\$300
Interior Architecture		\$800	\$1,900	\$400
Electrical	\$1,000	\$1,000	\$1,300	\$1,200
Mechanical	\$1,200	\$700	\$1,800	\$700
Total	\$2,200	\$4,900	\$5,000	\$2,600
Importance Code A	\$600	\$2,900	\$700	\$800
Importance Code B	\$1,700	\$2,000	\$4,400	\$1,700
Importance Code C				
Total	\$2,200	\$4,900	\$5,000	\$2,600



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
FORT HAMILTON BRANCH LIBRARY
Asset # : 13250

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	**	5	\$16,600	
Masonry: Brick	25%			LIFE	**	5	\$6,400	
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2011 Addition</i>								
Masonry: Limestone	5%			LIFE	**	5	\$1,000	
Metal Panel	5%			2044	**	5-10	\$8,800	
Windows								
Aluminum	98%			2046	**	5	\$600	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Metal Louvers	2%			2033	**	10	\$100	
Parapets								
Masonry: Brick	20%			LIFE	**	5	\$200	
Metal Panel	5%			2050	**	5	\$200	
No Component	75%							
Roof								
Built-Up (BUR)	30%			2024	\$22,700	10	\$5,000	
Modified Bitumen	30%			2032	**	10	\$5,000	
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2011 Addition</i>								
Slate	40%			LIFE	**			
Interior								
Floors								
Ceramic Tile	5%			2037	**	5	\$800	
Vinyl Tile	90%			2032	**	3	\$5,700	
Wood	5%			2059	**	5	\$1,600	
Interior Walls								
Ceramic Tile	5%			2037	**	5	\$500	
Gypsum Board	25%			LIFE	**	5	\$1,500	
Plaster	70%			LIFE	**	5	\$2,100	
Ceilings								
AcousTileConcealSpLn	35%			2041	**	5	\$700	
Exposed Struc: Steel	5%			LIFE	**			
Gypsum Board	15%			LIFE	**	5	\$300	
Plaster	30%			LIFE	**	5	\$300	
Wood	15%			LIFE	**	5	\$2,100	

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

Under 600 Volts

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
FORT HAMILTON BRANCH LIBRARY
Asset # : 13250

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	**	5		
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Main Service Switch Rated @ 400 Amperes</i>							
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	**	5		
Raceway								
Conduit	100%			2050	**	1		
Panelboards								
Molded Case Bkrs	100%			2046	**	5	\$300	
Wiring								
Thermoplastic	100%			2050	**	1		
Motor Controllers								
Locally Mounted	100%			2041	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	50%			2032	**	10	\$5,200	
	<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
Fluorescent	50%			2032	**	10	\$5,200	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : 1st Floor</i>							
	<i>Explanation : Compact Fluorescent Light Fixtures</i>							
Egress Lighting								
Emergency, Battery	50%			2032	**	10	\$1,400	
Exit, Service	50%			2032	**	1		
Exterior Lighting								
HID	100%			2032	**	10		
Alarm								
Security System								
Generic	100%			2032	**	1	\$4,200	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Inside And Outside The Building</i>							
	<i>Explanation : C C T V Surveillance Cameras</i>							
Fire/Smoke Detection								
Generic	100%			2032	**	1-3	\$6,900	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : Strobe Lights, Smoke Detectors, Manual Pull Station And Alarm Bells</i>							

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Estimates are rounded to the nearest hundred dollars.

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

BROOKLYN PUBLIC LIBRARY - 038
FORT HAMILTON BRANCH LIBRARY
Asset # : 13250

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%	Now	\$200	2044	**	1		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : There Is No Air Vent In Gas Meter Room</i>								

Conversion Equipment								
Furnace	65%			2032	**	1	\$3,600	
<i>Other Observation, Extent : Light, Area Affected : 65%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 New Package Units</i>								

Hot Water Boiler	35%			2041	**	1	\$1,900	
<i>Other Observation, Extent : Light, Area Affected : 35%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Unit</i>								

Distribution								
Hot Wtr Piping/Pump	35%			2046	**	4	\$300	
No Component	65%							

Terminal Devices								
Convactor/Radiator	35%			2041	**	1	\$1,300	
No Component	65%							

Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		

Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2032	**	2	\$700	
<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 New Package Units</i>								

Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,300	

Exhaust Fans								
Roof	100%			2032	**	2	\$300	

Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	**	1		

Water Heater								
Gas Fired	100%			2023	\$2,600	2	\$200	

Sanitary Piping								
Cast Iron	100%			LIFE	**	1		

Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		

Fixtures								
Generic	100%							

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

**BROOKLYN PUBLIC LIBRARY - 038
FORT HAMILTON BRANCH LIBRARY
Asset # : 13250**

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name	: KENSINGTON BRANCH LIBRARY		
Address	: 4211 18TH AVENUE @ SETON PL.		
Borough	: BROOKLYN	Agency's Number	: N/A
Program / Asset #	: BPL0K43.000 / 14461	Yr Built/Renovated	: 2010 /
Area Sq Ft	: 19,897	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 08-Mar-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 5416	Lot	: 14
		BIN	: 3801250

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$113,700	\$42,600
Total	\$113,700	\$42,600
Importance Code A	\$113,700	\$42,600
Total	\$113,700	\$42,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture			\$20,100	\$3,800
Interior Architecture			\$1,100	\$3,200
Electrical	\$1,300	\$1,300	\$1,800	\$1,800
Mechanical	\$5,300	\$1,700	\$7,500	\$1,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$10,600	\$7,000	\$34,500	\$14,400
Importance Code A	\$1,000	\$1,000	\$21,100	\$4,800
Importance Code B	\$9,600	\$6,000	\$13,400	\$9,600
Importance Code C				
Total	\$10,600	\$7,000	\$34,500	\$14,400



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
KENSINGTON BRANCH LIBRARY
Asset # : 14461

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$900	
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Metal Panel	80%			2050	**	5-10	\$156,300	
Window Wall	15%			2050	**	5	\$16,000	
Windows								
Aluminum	95%			2046	**	5	\$5,700	
Metal Louvers	5%			2037	**	10	\$1,900	
Parapets								
Masonry: Brick	85%			LIFE	**	5	\$1,600	
Masonry: Limestone	10%			LIFE	**	5	\$200	
Metal Rail	5%			2041	**	5-10	\$1,700	
Roof								
Single Ply Membrane	80%			2032	**	10	\$14,500	
Skylight, Metal/Glass	20%			2050	**	10	\$12,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$3,300	
Ceramic Tile	5%			2037	**	5	\$1,500	
Panel/Paver: Cer/Brk	5%			2046	**	5	\$3,400	
Sheet Vinyl/Rubber	55%			2032	**	5	\$24,600	
Vinyl Tile	30%			2032	**	3	\$3,400	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$700	
Gypsum Board	80%			LIFE	**	5	\$17,200	
Plaster	10%			LIFE	**	5	\$1,100	
Wood	5%			LIFE	**	5	\$7,200	
Ceilings								
AcousTileSusp.Lay-In	10%			2041	**	5	\$3,000	
Exposed Struc: Steel	5%			LIFE	**			
Gypsum Board	45%			LIFE	**	5	\$16,800	
Plaster	40%			LIFE	**	5	\$7,400	
Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
KENSINGTON BRANCH LIBRARY
Asset # : 14461

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2050	**	5		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 1600 Amps Main Disconnect Switch</i>						
Fused Disc Sw	50%			2050	**	5		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 100 Amps Main Disconnect Switch For Emergency</i>						
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	**	5	\$100	
Raceway								
Conduit	100%			2050	**	1		
Panelboards								
Fused Disc Sw	5%			2046	**	5		
Molded Case Bkrs	95%			2046	**	5	\$500	
Wiring								
Thermoplastic	100%			2050	**	1		
Motor Controllers								
Locally Mounted	50%			2041	**	5	\$100	
Motor Control Center	50%			2041	**	5	\$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	10%			2032	**	10	\$1,800	
		<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallway, Lobby And Meeting Room</i>						
Fluorescent	90%			2032	**	10	\$16,400	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Egress Lighting								
Emergency, Battery	50%			2032	**	10	\$2,400	
Exit, LED	50%			2059	**	1		
Exterior Lighting								
HID	100%			2032	**	10	\$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	**	1	\$2,200	
Fire/Smoke Detection								
Generic	100%			2032	**	1-3	\$12,300	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
KENSINGTON BRANCH LIBRARY
Asset # : 14461

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
Natural Gas	100%			2050	**	1	
Conversion Equipment							
Furnace	70%			2032	**	1	\$6,900
		<i>Other Observation, Extent : Light, Area Affected : 70%</i>					
		<i>Location : 2 Are On Lower Roof, 1 Is On Higher Roof</i>					
		<i>Explanation : 3 Package Units</i>					
Hot Water Boiler	30%			2041	**	1	\$3,000
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>					
		<i>Location : Basement Boiler Room</i>					
		<i>Explanation : 2 Units</i>					
Distribution							
Hot Wtr Piping/Pump	30%			2046	**	4	\$400
No Component	70%						
Terminal Devices							
Convactor/Radiator	30%			2041	**	1	\$1,900
No Component	70%						
Air Conditioning							
Energy Source							
Electricity	100%			2046	**	1	
Conversion Equipment							
Ext Pkg Unit - Heating/Cooling	100%			2032	**	2	\$1,200
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : 2 Are On Lower Roof, 1 Is On Higher Roof</i>					
		<i>Explanation : 3 Package Units</i>					
Heat Rejection							
Air Condenser Unit	100%			2032	**	2	\$13,900
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Higher Roof</i>					
		<i>Explanation : 3 Units</i>					
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,100
Exhaust Fans							
Roof	100%			2032	**	2	\$600
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2050	**	1	
Water Heater							
Gas Fired	100%			2023	\$4,600	2	\$300
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Sewage Ejector(s)							
Electric	100%			2032	**	4	\$1,600

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
KENSINGTON BRANCH LIBRARY
Asset # : 14461

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Plumbing									
	Backflow Preventer								
	Generic	100%			2032	* *	1	\$1,200	
Fixtures									
	Generic	100%							
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE	* *			
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
				<i>Location : B, 1, 2</i>					
				<i>Explanation : 1 Unit</i>					
Fire Suppression									
	Sprinkler								
	Generic	100%			2050	* *	1-2	\$5,600	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : **KINGS BAY BRANCH LIBRARY**
Address : **3650 NOSTRAND AVE. NEAR AVENUE W**
Borough : **BROOKLYN** **Agency's Number** : **44**
Program / Asset # : **BPL0K44.000 / 13254** **Yr Built/Renovated** : **1962 / 1999**
Area Sq Ft : **14,885** **Project Type** : **BROOKLYN PUBLIC LIBRARY**
Date of Survey : **11-Mar-2013** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1**
Block : **7405** **Lot** : **920** **BIN** : **3202630**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$139,100	\$150,600
Electrical		\$45,800
Total	\$139,100	\$196,500
Importance Code A	\$139,100	\$150,600
Importance Code B		\$45,800
Total	\$139,100	\$196,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$2,400			
Interior Architecture	\$1,000		\$2,700	
Electrical	\$400	\$15,400	\$600	\$400
Mechanical	\$700	\$3,100	\$2,700	\$3,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$8,500	\$22,500	\$9,900	\$7,500
Importance Code A	\$3,100	\$800	\$700	\$700
Importance Code B	\$5,400	\$21,700	\$9,100	\$6,700
Importance Code C				
Total	\$8,500	\$22,500	\$9,900	\$7,500



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
KINGS BAY BRANCH LIBRARY
Asset # : 13254

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	25%			LIFE	**	5	\$5,800	
Masonry: Brick	70%	0-2	\$48,800	LIFE	**	5	\$16,300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : North, South And East Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	5%			LIFE	**	5	\$900	
Windows								
Aluminum	70%	0-2	\$2,400	2032	**	5	\$300	
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : West Facade, Staff Work Room</i>								
Glass Block	30%			LIFE	**	5	\$200	
Roof								
Modified Bitumen	100%	0-2	\$90,400	2024	\$150,600			1
<i>Blisters, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Ceramic Tile	5%			2033	**	5	\$1,100	
Vinyl Tile	95%			2029	**	3	\$8,000	
Interior Walls								
Gypsum Board	100%			LIFE	**	5	\$4,500	
Ceilings								
AcousTileSusp.Lay-In	90%			2037	**	5	\$20,200	
Gypsum Board	10%	Now	\$500	LIFE	**	5	\$2,800	
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Side At Mezzanine Below Duct</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 2- 400 Amps</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	**	5	\$400	
Raceway								
Conduit	100%			2044	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
KINGS BAY BRANCH LIBRARY
Asset # : 13254

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Fused Disc Sw	2%			2040	**	5		
Molded Case Bkrs	98%			2040	**	5	\$400	
Wiring								
Thermoplastic	100%			2044	**	1		
Motor Controllers								
Locally Mounted	100%			2037	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Water Main</i>								
Lighting								
Interior Lighting								
Fluorescent	95%			2029	**	10	\$13,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
HID	5%			2029	**	10		
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$1,800	
Exit, Service	50%			2029	**	1		
Exterior Lighting								
HID	100%			2029	**	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	\$8,900	1	\$1,100	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	\$45,800	1-3	\$2,800	

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		
Conversion Equipment								
Furnace	100%			2029	**	1	\$7,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 Package Units</i>								
Air Conditioning								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
KINGS BAY BRANCH LIBRARY
Asset # : 13254

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2029	* *	2	\$900	
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Roof</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : 2 Package Units</i>					
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	\$10,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,300	
Exhaust Fans								
Roof	100%			2029	* *	2	\$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Electric	100%			2023	\$2,300	4	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2024	\$11,000	4	\$1,600	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement Mechanical Equipment Room</i>					
			<i>Explanation : 1 Unit</i>					
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : B, 1, 2</i>					
			<i>Explanation : 1 Unit</i>					

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : **KINGS HIGHWAY BRANCH LIBRARY**
Address : **2115 OCEAN AVE. @KINGS HIGHWAY**
Borough : **BROOKLYN** **Agency's Number** : **45**
Program / Asset # : **BPL0004.000 / 4206** **Yr Built/Renovated** : **1962 / 2009**
Area Sq Ft : **23,822** **Project Type** : **BROOKLYN PUBLIC LIBRARY**
Date of Survey : **12-Oct-2012** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **6783** **Lot** : **68** **BIN** : **3182576**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$89,100	
Interior Architecture	\$43,200	
Mechanical		\$282,100
Total	\$132,300	\$282,100
Importance Code A	\$89,100	
Importance Code B		\$282,100
Importance Code C	\$43,200	
Total	\$132,300	\$282,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$34,500	\$5,400	\$2,300	
Interior Architecture	\$20,400		\$3,600	
Electrical	\$700	\$700	\$900	\$1,100
Mechanical	\$4,500	\$4,800	\$5,300	\$5,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$64,000	\$14,800	\$16,000	\$10,600
Importance Code A	\$35,600	\$6,500	\$3,500	\$1,200
Importance Code B	\$28,300	\$8,200	\$12,500	\$9,400
Importance Code C				
Total	\$64,000	\$14,800	\$16,000	\$10,600



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
KINGS HIGHWAY BRANCH LIBRARY
Asset # : 4206

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	0-2	\$89,100	LIFE	**	5	\$29,800	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Kitchen And Office In Basement</i>								
Masonry: Limestone	2%			LIFE	**	5	\$500	
Metal Panel	5%			2044	**	5-10	\$11,400	
Window Wall	3%			2044	**	5	\$3,700	
Windows								
Aluminum	100%			2040	**	5	\$4,600	
Parapets								
Masonry: Brick	80%	Now	\$18,100	LIFE	**	5	\$3,200	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	15%	0-2	\$3,100	LIFE	**	5	\$700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%			2044	**	5	\$800	
Roof								
Modified Bitumen	100%	Now	\$13,200	2029	**			
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over First Floor</i>								
<i>Patching Evident, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$7,800	
Ceramic Tile	5%	4+	\$3,400	2033	**	5	\$900	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Public Bathrooms</i>								
Terrazzo	5%	Now	\$4,100	LIFE	**	5	\$1,400	
<i>Ponding, Extent : Light, Area Affected : 5%</i>								
<i>Location : By Exit Door On First Floor</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : By Exit Door On First Floor</i>								
<i>Explanation : Water Penetrates From The Outside During Heavy Rain, Flooding This Area</i>								
Vinyl Tile	80%			2029	**	3	\$10,700	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
KINGS HIGHWAY BRANCH LIBRARY
Asset # : 4206

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Glass: Single Pane	5%			LIFE	**	5	\$2,100	
Gypsum Board	20%			LIFE	**	5	\$6,800	
Masonry: Fieldstone	5%			LIFE	**			
Plaster	50%			LIFE	**	5	\$8,400	
SGFT/Glazed Masonry	20%	0-2	\$43,200	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Kitchen And Office In Basement</i>								
Ceilings								
AcousTileSusp.Lay-In	45%	Now	\$12,900	2037	**	5	\$8,000	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 2nd Floor By Stair B, Auditorium, Basement By Elevator And Elevator Room</i>								
Exposed Concrete	25%			LIFE	**	5	\$1,400	
Plaster	25%			LIFE	**	5	\$5,600	
Wood	5%			LIFE	**	5	\$15,600	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	**	5	\$100	
Raceway								
Conduit	100%			2054	**	1		
Panelboards								
Fused Disc Sw	5%			2046	**	5		
Molded Case Bkrs	95%			2046	**	5	\$600	
Wiring								
Thermoplastic	100%			2054	**	1		
Motor Controllers								
Locally Mounted	100%			2041	**	5	\$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Water Main</i>								

Lighting

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
KINGS HIGHWAY BRANCH LIBRARY
Asset # : 4206

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2034	**	10	\$18,600	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Using T-8 Lamps</i>							
Fluorescent	15%			2034	**	10	\$3,300	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Using T-5 Lamps</i>							
Egress Lighting								
Emergency, Service	50%			2034	**	1		
Exit, Service	50%			2034	**	1		
Exterior Lighting								
HID	100%			2034	**	10	\$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	**	1	\$2,700	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	**	1-3	\$4,400	
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$11,800	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement Boiler Room</i>							
	<i>Explanation : 2 Units</i>							
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$1,200	
Terminal Devices								
Air Handler	40%			2029	**	1	\$5,900	
Convactor/Radiator	60%			2037	**	1	\$4,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
KINGS HIGHWAY BRANCH LIBRARY
Asset # : 4206

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	60%			2025	\$282,100	2	\$900	
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 60%</i>							
	<i>Location : Penthouse And 2nd Floor M E R</i>							
Exterior Pkg Unit - Cooling	40%			2029	**	2	\$600	
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 40%</i>							
	<i>Location : Roof</i>							
Heat Rejection								
Air Condenser Unit	60%			2029	**	2	\$10,000	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$13,300	
Exhaust Fans								
Interior	95%			2032	**	2	\$700	
Roof	5%			2029	**	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		
Water Heater								
Gas Fired	100%			2022	\$5,500	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%	0-2	\$1,600	LIFE	**	1		
	<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : South Exit</i>							
	<i>Explanation : Sewage Piping Is Under Sized Causing Water To Backup When It Rains</i>							
Sewage Ejector(s)								
Electric	100%			2029	**	4	\$1,600	
Backflow Preventer								
Generic	100%			2029	**	1	\$1,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : B-2</i>							
	<i>Explanation : 1 Unit</i>							
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2044	**	1-2	\$2,000	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : LEONARD BRANCH LIBRARY
 Address : 81 DEVOE ST. @LEONARD ST.
 Borough : BROOKLYN Agency's Number : 46
 Program / Asset # : BPL0L46.000 / 13255 Yr Built/Renovated : 1908 / 1986
 Area Sq Ft : 10,688 Project Type : BROOKLYN PUBLIC LIBRARY
 Date of Survey : 01-Mar-2013 Landmark Status : NONE
 Areas Surveyed : Basement, Roof, Floors 1,Mez
 Block : 2762 Lot : 21 BIN : 3068818

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$178,300	
Interior Architecture		\$110,400
Electrical	\$10,600	
Mechanical	\$144,200	\$113,200
Total	\$333,100	\$223,600
Importance Code A	\$178,300	
Importance Code B	\$154,800	\$223,600
Total	\$333,100	\$223,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$52,400	\$9,200		
Interior Architecture	\$20,800			\$1,600
Electrical	\$36,700	\$10,500	\$1,200	\$1,000
Mechanical	\$2,200	\$41,000	\$3,000	\$3,700
Total	\$112,100	\$60,600	\$4,200	\$6,400
Importance Code A	\$52,900	\$9,700	\$500	\$500
Importance Code B	\$58,500	\$50,900	\$3,700	\$5,800
Importance Code C	\$700			
Total	\$112,100	\$60,600	\$4,200	\$6,400



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BROOKLYN PUBLIC LIBRARY - 038
LEONARD BRANCH LIBRARY
Asset # : 13255

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	0-2	\$16,700	LIFE	**	5	\$8,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	90%	0-2	\$111,200	LIFE	**	5	\$18,600	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	5%	0-2	\$11,200	LIFE	**	5	\$800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Building Base</i>								
Windows								
Aluminum	90%	Now	\$67,100	2049	**	5	\$800	
<i>Crwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Steel	10%	Now	\$9,300	2049	**	5	\$1,100	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
Parapets								
Masonry: Limestone	15%	Now	\$800	LIFE	**	5	\$200	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over Main Entry</i>								
Metal Rail	5%			2029	**	5-10	\$1,000	
No Component	80%							
Roof								
Modified Bitumen	50%			2029	**	10	\$8,600	
Slate	50%	Now	\$14,400	LIFE	**			
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$3,400	
Ceramic Tile	5%			2027		5	\$800	
Vinyl Tile	10%	Now	\$3,900	2024		3	\$600	
<i>Loose Units, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Poor Subfloor Evident, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Vinyl Tile	75%			2024		3	\$5,800	

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BROOKLYN PUBLIC LIBRARY - 038
LEONARD BRANCH LIBRARY
Asset # : 13255

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$700	
Concrete Masonry Unit	10%			LIFE	**	5	\$600	
Masonry: Brick	10%			LIFE	**			
Plaster	70%			LIFE	**	5	\$3,100	
Plaster	5%	Now	\$300	LIFE	**	5	\$200	
<i>Paint Peeling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Meeting Room</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Basement</i>								
Ceilings								
AcousTileConcealSpLn	60%	0-2	\$14,800	2037	**	5	\$5,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Meeting Room</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : First Floor, Basement</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : First Floor</i>								
Exposed Concrete	20%			LIFE	**	5	\$500	
Plaster	20%			LIFE	**	5	\$1,900	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 400 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$32,000	5	\$300	
Raceway								
Conduit	95%			2024	\$29,500	1		
Conduit	5%			2044	**	1		
Panelboards								
Fused Disc Sw	5%			2023	\$700	5		
Molded Case Bkrs	95%			2023	\$14,100	5	\$300	
Wiring								
Braided Cloth	95%	2-4	\$26,100	2049	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	5%			2044	**	1		
Motor Controllers								
Locally Mounted	100%			2029	**	5	\$100	

Ground

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BROOKLYN PUBLIC LIBRARY - 038
LEONARD BRANCH LIBRARY
Asset # : 13255

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ground								
Grounding Devices Generic	100%	2-4	\$9,400	LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Main Water Pipe</i>								
<i>Explanation : Corroded</i>								
Lighting								
Interior Lighting Fluorescent	90%			2032	**	10	\$8,800	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	10%			2019	\$10,600	10	\$1,000	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Book Shelves Area</i>								
Egress Lighting Emergency, Battery Exit, Service	50%			2029	**	10	\$1,300	
	50%			2029	**	1		
Exterior Lighting Fluorescent	20%			2019	\$6,800	10	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Front Of The Building</i>								
<i>Explanation : C F L Lamps In Use</i>								
HID	80%			2024	\$32,000	10		
Alarm								
Security System Generic	100%			2032	**	1	\$4,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : C C T V Surveillance Cameras</i>								
Fire/Smoke Detection Generic	100%			2032	**	1-3	\$6,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Smoke Detectors, Manual Pull Station, Strobe Lights</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Natural Gas	100%			2034	**	1		
Conversion Equipment Hot Water Boiler	100%			2022	\$23,800	1	\$5,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Unit</i>								

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BROOKLYN PUBLIC LIBRARY - 038
LEONARD BRANCH LIBRARY
Asset # : 13255

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Distribution							
Hot Wtr Piping/Pump	100%			2023	\$53,200	4	\$800
Terminal Devices							
Air Handler	40%			2019	\$22,800	1	\$2,600
Convactor/Radiator	60%			2022	\$60,000	1	\$2,100
Air Conditioning							
Energy Source							
Electricity	100%			2032	* *	1	
Conversion Equipment							
Reciprocating Compr/Chiller	100%			2019	\$35,900	1	\$5,000
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>							
<i>Location : Basement</i>							
Terminal Devices							
Air Handler/Cool/Ht	100%			2019	\$45,000	1	\$6,600
Heat Rejection							
Remote Air Cond	100%			2019	\$63,300	2	\$7,400
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,000
Exhaust Fans							
Interior	100%			2019	\$11,700	2	\$300
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2034	* *	1	
Water Heater							
Gas Fired	100%			2019	\$2,500	2	\$200
Sanitary Piping							
Cast Iron	100%			LIFE	* *	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	* *	1	
Fixtures							
Generic	100%						

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Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : **MACON BRANCH LIBRARY**
Address : **361 LEWIS AVE. @ MACON ST.**
Borough : **BROOKLYN** **Agency's Number** : **47**
Program / Asset # : **BPL0M47.000 / 13256** **Yr Built/Renovated** : **1907 / 2008**
Area Sq Ft : **12,960** **Project Type** : **BROOKLYN PUBLIC LIBRARY**
Date of Survey : **14-Mar-2013** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,Mez**
Block : **1665** **Lot** : **1** **BIN** : **3046408**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$199,900	
Total	\$199,900	
Importance Code A	\$199,900	
Total	\$199,900	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$55,600		\$7,800	
Interior Architecture	\$1,000	\$6,800	\$600	
Electrical	\$900	\$900	\$1,200	\$1,100
Mechanical	\$1,300	\$1,300	\$2,600	\$2,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$62,700	\$12,900	\$16,200	\$7,100
Importance Code A	\$56,200	\$600	\$8,500	\$600
Importance Code B	\$5,900	\$12,300	\$7,700	\$6,500
Importance Code C	\$600			
Total	\$62,700	\$12,900	\$16,200	\$7,100



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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
MACON BRANCH LIBRARY
Asset # : 13256

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$95,200	LIFE	**	5	\$10,600	
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	15%	Now	\$22,500	LIFE	**	5	\$1,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Cornice</i>								
Windows								
Aluminum	60%			2040	**	5	\$2,000	
Wood	40%			2040	**	5	\$13,700	
Parapets								
Masonry: Brick	50%	Now	\$33,100	LIFE	**	5	\$1,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	50%	Now	\$60,000	LIFE	**	5	\$2,400	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	5%			2037	**	10	\$1,700	
Modified Bitumen	25%			2024	\$27,500	10	\$4,800	
Slate	70%	Now	\$44,700	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Side Of Roof</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East Side Of Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$1,800	
Ceramic Tile	5%			2033	**	5	\$800	
Panel/Paver: Cer/Brk	5%			2032	**	5	\$1,900	
Sheet Vinyl/Rubber	55%			2029	**	5	\$13,600	
Vinyl Tile	30%			2029	**	3	\$1,900	

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

BROOKLYN PUBLIC LIBRARY - 038
MACON BRANCH LIBRARY
Asset # : 13256

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$1,100	
Gypsum Board	30%			LIFE	**	5	\$4,000	
Plaster	50%			LIFE	**	5	\$3,300	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Stairway</i>								
Wood	15%			LIFE	**	5	\$13,400	
Ceilings								
AcousTileSusp.Lay-In	25%			2037	**	5	\$4,100	
Gypsum Board	10%			LIFE	**	5	\$2,100	
Plaster	65%			LIFE	**	5	\$6,700	
Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	100%			2050	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Air Circuit Breaker	100%			2050	**	5	\$100	
Raceway								
Conduit	100%			2050	**	1		
Panelboards								
Fused Disc Sw	5%			2046	**	5		
Molded Case Bkrs	95%			2046	**	5	\$300	
Wiring								
Thermoplastic	100%			2050	**	1		
Motor Controllers								
Locally Mounted	100%			2041	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	30%			2032	**	10	\$3,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	70%			2032	**	10	\$8,300	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

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Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
MACON BRANCH LIBRARY
Asset # : 13256

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Egress Lighting								
Emergency, Battery	50%			2032	**	10	\$1,600	
Exit, LED	50%			2059	**	1		
Exterior Lighting								
HID	100%			2032	**	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	**	1	\$1,500	
Fire/Smoke Detection								
Generic	100%			2032	**	1-3	\$8,000	
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$6,400	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement Boiler Room</i>					
			<i>Explanation : 2 Gas Fired Modular Hot Water Boilers</i>					
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$600	
Terminal Devices								
Air Handler	50%			2029	**	1	\$4,000	
Convactor/Radiator	50%			2037	**	1	\$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2046	**	1		
Conversion Equipment								
Split Unit	100%			2029	**			
Terminal Devices								
Direct Expansion	40%			2029	**	1		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement Mechanical Equipment Rooms</i>					
			<i>Explanation : Electric Duct Heater In Duct Work</i>					
No Component	60%							
Heat Rejection								
Not Accessible	100%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,200	
Exhaust Fans								
Not Accessible	100%							

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
MACON BRANCH LIBRARY
Asset # : 13256

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping Brass/Copper	100%			2050	* *	1		
Water Heater Gas Fired	100%			2022	\$3,000	2	\$200	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Rigid Piping	100%			2029	* *	4	\$1,600	
Backflow Preventer No Component Generic	80% 20%			2029	* *	1	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : Boiler Only</i>						
Fixtures								
Generic	100%							
Vertical Transport								
Elevators Hydraulic	100%			LIFE	* *			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : B, St, 1, Mez</i>						
		<i>Explanation : One Unit</i>						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.*

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : MAPLETON BRANCH LIBRARY
Address : 1702 60TH ST. @17TH AVENUE
Borough : BROOKLYN **Agency's Number** : 49
Program / Asset # : BPL0M49.000 / 13257 **Yr Built/Renovated** : 1955 / 2005
Area Sq Ft : 19,821 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 06-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 5518 **Lot** : 4 **BIN** : 3132091

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$369,800	
Interior Architecture		\$73,000
Mechanical		\$252,900
Total	\$369,800	\$325,900
Importance Code A	\$369,800	
Importance Code B		\$325,900
Total	\$369,800	\$325,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture			\$1,900	
Interior Architecture	\$18,400		\$296,200	\$1,100
Electrical	\$1,600	\$21,600	\$2,000	\$1,600
Mechanical	\$2,300	\$1,800	\$3,500	\$1,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$26,300	\$27,400	\$307,500	\$8,500
Importance Code A	\$1,000	\$1,000	\$2,900	\$1,000
Importance Code B	\$25,000	\$26,300	\$304,600	\$7,500
Importance Code C	\$300			
Total	\$26,300	\$27,400	\$307,500	\$8,500



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
MAPLETON BRANCH LIBRARY
Asset # : 13257

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	95%	0-2	\$67,600	LIFE	**	5	\$22,600	
	<i>Water Penetration, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Bulkhead</i>							
Masonry: Limestone	5%			LIFE	**	5	\$900	
Windows								
Aluminum	100%			2040	**	5	\$3,800	
Parapets								
Masonry: Brick	90%	Now	\$220,400	LIFE	**	5	\$3,900	
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Bulkheads</i>							
	<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Bulkheads</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Various Locations Throughout</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Covered In Black Tarp To Keep Rain Water Out</i>							
Masonry: Limestone	10%	Now	\$44,400	LIFE	**	5	\$500	
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Coping At Chimney</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Covered In Tarp To Keep Rain Water Out</i>							
Roof								
Modified Bitumen	100%	Now	\$37,500	2029	**			
	<i>Blisters, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Ponding, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Roof Stair Adjacent To Elevator</i>							

Interior

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
MAPLETON BRANCH LIBRARY
Asset # : 13257

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	65%			2020	\$284,900	3	\$33,800	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd Floor</i>								
Cast in Place Concrete	5%			LIFE	**	5	\$3,800	
Ceramic Tile	2%	4+	\$2,700	2033	**	5	\$300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Bathrooms</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Bathrooms</i>								
Terrazzo	3%			LIFE	**	5	\$800	
Vinyl Tile	25%	4+	\$14,600	2024	\$73,000	3	\$3,200	
<i>Loose Units, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Basement</i>								
Interior Walls								
Ceramic Tile	3%			2033	**	5	\$600	
Concrete Masonry Unit	25%			LIFE	**	5	\$2,000	
Glass: Single Pane	2%			LIFE	**	5	\$300	
Gypsum Board	50%			LIFE	**	5	\$5,900	
Marble Panels	5%			LIFE	**	5		
Plaster	15%			LIFE	**	5	\$900	
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Second Floor Meeting Room</i>								
Ceilings								
AcousTileSusp.Lay-In	90%			2037	**	5	\$31,200	
Exposed Concrete	5%			LIFE	**	5	\$300	
Gypsum Board	5%	Now	\$900	LIFE	**	5	\$2,200	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above Windows On 2nd Floor</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	50%			2034	**	5		
Molded Case Bkrs	50%			2034	**	5	\$300	
Raceway								
Conduit	100%			2034	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
MAPLETON BRANCH LIBRARY
Asset # : 13257

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2032	**	5		
Molded Case Bkrs	95%			2032	**	5	\$500	
Wiring								
Thermoplastic	100%			2034	**	1		
Motor Controllers								
Locally Mounted	100%			2029	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	75%			2029	**	10	\$13,600	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	20%			2029	**	10	\$3,600	
		<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Incandescent	5%			2029	**	2		
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$2,400	
Exit, LED	45%			2052	**	1		
Exit, Service	5%			2029	**	1		
Exterior Lighting								
HID	100%			2029	**	10	\$100	
Alarm								
Security System								
No Component	30%							
Generic	70%			2032	**	1	\$5,200	
Fire/Smoke Detection								
Generic	100%			2032	**	1-3	\$12,200	

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%	Now	\$800	2044	**	1		
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Basement Electric Room</i>						
		<i>Explanation : There Is No Air Vent For The Gas Meter Located In Electric Distribution Room - Dangerous Condition</i>						

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

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

BROOKLYN PUBLIC LIBRARY - 038
MAPLETON BRANCH LIBRARY
Asset # : 13257

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	30%			2029	**	1	\$2,900	
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Penthouse</i>						
		<i>Explanation : 2 Units</i>						
Hot Water Boiler	70%			2037	**	1	\$6,900	
		<i>Other Observation, Extent : Light, Area Affected : 70%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2032	**	4	\$1,000	
Terminal Devices								
Convactor/Radiator	70%			2037	**	1	\$4,500	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2025	\$252,900	2	\$1,200	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Penthouse</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Penthouse</i>						
		<i>Explanation : 2 Units</i>						
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,100	
Exhaust Fans								
Interior	90%			2029	**	2	\$500	
Roof	10%			2029	**	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	**	1		
Water Heater								
Gas Fired	100%			2022	\$4,600	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
Vertical Transport								

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

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

BROOKLYN PUBLIC LIBRARY - 038
MAPLETON BRANCH LIBRARY
Asset # : 13257

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

Vertical Transport								
Elevators								
Hydraulic	100%			LIFE		* *		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : B, 1, 2</i>					
			<i>Explanation : 1 Unit</i>					

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

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

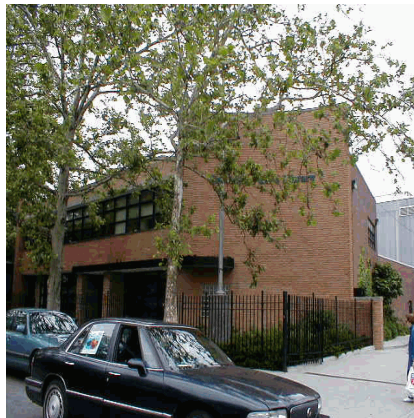
Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : MIDWOOD BRANCH LIBRARY
Address : 975 EAST 16TH ST. @ AVENUE J
Borough : BROOKLYN **Agency's Number** : 48
Program / Asset # : BPL0M48.000 / 13259 **Yr Built/Renovated** : 1955 / 2001
Area Sq Ft : 12,218 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 08-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 6709 **Lot** : 54 **BIN** : 3179706

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$146,100	
Electrical	\$2,400	\$125,400
Mechanical		\$119,000
Total	\$148,500	\$244,400
Importance Code A	\$146,100	
Importance Code B	\$2,400	\$244,400
Total	\$148,500	\$244,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$59,800			
Interior Architecture	\$20,400			\$1,600
Electrical	\$1,000	\$13,600	\$1,000	\$1,000
Mechanical	\$5,400	\$1,300	\$3,600	\$1,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$90,700	\$18,900	\$8,500	\$7,900
Importance Code A	\$60,400	\$600	\$600	\$600
Importance Code B	\$29,800	\$18,300	\$7,900	\$7,300
Importance Code C	\$500			
Total	\$90,700	\$18,900	\$8,500	\$7,900



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
MIDWOOD BRANCH LIBRARY
Asset # : 13259

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	**	5	\$200	
Masonry: Brick	85%	Now	\$146,100	LIFE	**	5	\$16,300	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 15%</i>								
<i>Location : 2nd Floor</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : North West Corner</i>								
Masonry: Fieldstone	13%			LIFE	**	5	\$1,900	
Windows								
Aluminum	100%	Now	\$24,900	2040	**	5	\$1,500	
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Around Windows In Staircase, Various Locations Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$3,000	
Concrete Masonry Unit	45%	2-4	\$4,500	LIFE	**	5	\$2,000	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
Masonry: Brick	45%	0-2	\$20,200	LIFE	**	5	\$1,800	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Exterior Face</i>								
Roof								
Modified Bitumen	95%	0-2	\$6,200	2029	**			
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Back Of Building</i>								
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Back Of Building</i>								
Skylight, Metal/Glass	5%	0-2	\$4,100	2044	**			
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Lower Roof</i>								
Interior								
Floors								
Ceramic Tile	5%			2033	**	5	\$700	
Terrazzo	10%	0-2	\$6,900	LIFE	**	5	\$1,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Stairs</i>								
Vinyl Tile	85%	0-2	\$5,400	2029	**	3	\$4,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : First And Second Floor Reading Area</i>								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$900	
Concrete Masonry Unit	80%			LIFE	**	5	\$6,000	
Gypsum Board	15%			LIFE	**	5	\$1,700	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
MIDWOOD BRANCH LIBRARY
Asset # : 13259

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	90%	0-2	\$5,400	2037	**	5	\$8,400	
<i>Staining/Discoloring, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Against Rear Wall On First Floor</i>								
Plaster	10%	Now	\$1,900	LIFE	**	5	\$900	
<i>Horizontal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement Boiler Room</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	**	5	\$100	
Raceway								
Conduit	100%			2044	**	1		
Panelboards								
Fused Disc Sw	5%			2040	**	5		
Molded Case Bkrs	95%			2040	**	5	\$300	
Wiring								
Thermoplastic	100%			2044	**	1		
Motor Controllers								
Locally Mounted	50%			2037	**	5		
Motor Control Center	50%			2037	**	5	\$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	93%			2029	**	10	\$10,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	2%			2019		10	\$2,400	\$200
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Storage Room</i>								
Fluorescent	5%			2029	**	10	\$600	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Meeting Room</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
MIDWOOD BRANCH LIBRARY
Asset # : 13259

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

Lighting

Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$1,500	
Exit, Service	50%			2029	**	1		
Exterior Lighting								
HID	100%			2029	**	10		

Alarm

Security System								
No Component	70%							
Generic	30%			2024	\$11,000	1	\$1,400	
Fire/Smoke Detection								
Generic	100%			2024	\$125,400	1-3	\$7,800	

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

Heating

Energy Source								
Natural Gas	100%			2044	**	1		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement Gas Room</i>								
<i>Explanation : There Is No Vent In The Gas Meter Room</i>								
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$6,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$600	
Terminal Devices								
Air Handler	60%			2024	\$39,200	1	\$4,500	
Convactor/Radiator	40%			2037	**	1	\$1,600	

Air Conditioning

Energy Source								
Electricity	100%			2040	**	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	Now	\$4,000	2024	\$79,800	2	\$600	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 3 Package Units. The Unit Serving 1st Floor Is Not Efficient</i>								

Ventilation

Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,800	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
MIDWOOD BRANCH LIBRARY
Asset # : 13259

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Ventilation								
	Exhaust Fans							
	Interior	80%			2029	* *	2	\$300
	Roof	20%			2024	\$1,900	2	\$100
Plumbing								
	H/C Water Piping							
	Brass/Copper	100%			2044	* *	1	
	Water Heater							
	Gas Fired	100%			2022	\$2,800	2	\$200
	Sanitary Piping							
	Cast Iron	100%			LIFE	* *	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	* *	1	
	Sewage Ejector(s)							
	Electric	100%			2024	\$11,000	4	\$1,600
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Boiler Room</i>				
				<i>Explanation : 1 Set</i>				
	Fixtures							
	Generic	100%						
Vertical Transport								
	Elevators							
	Hydraulic	100%			LIFE	* *		
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : B - 2</i>				
				<i>Explanation : 1 Unit</i>				
Fire Suppression								
	Sprinkler							
	No Component	70%						
	Generic	30%			2044	* *	1-2	\$1,000

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : NEW LOTS BRANCH LIBRARY
Address : 665 NEW LOTS AVE. @BARBEY ST.
Borough : BROOKLYN **Agency's Number** : 52
Program / Asset # : BPL0006.000 / 4203 **Yr Built/Renovated** : 1957 / 2000
Area Sq Ft : 23,736 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 11-Oct-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 4090 **Lot** : 1 **BIN** : 3090726

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$660,100	
Interior Architecture	\$71,200	\$260,400
Electrical	\$176,600	\$35,900
Mechanical		\$106,000
Total	\$907,900	\$402,400
Importance Code A	\$660,100	
Importance Code B	\$247,800	\$402,400
Total	\$907,900	\$402,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$83,200			
Interior Architecture	\$41,100			\$3,900
Electrical	\$20,200	\$50,500	\$1,000	\$700
Mechanical	\$15,700	\$3,300	\$5,300	\$3,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$164,200	\$57,700	\$10,200	\$12,200
Importance Code A	\$93,800	\$1,200	\$1,200	\$1,200
Importance Code B	\$52,100	\$56,500	\$9,000	\$11,100
Importance Code C	\$18,200			
Total	\$164,200	\$57,700	\$10,200	\$12,200



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
NEW LOTS BRANCH LIBRARY
Asset # : 4203

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%	Now	\$6,600	LIFE	**	5	\$3,000	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Canopy At Service Entrance</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Canopy At Service Entrance</i>								
Masonry: Brick	81%	Now	\$215,700	LIFE	**	5	\$24,100	1
<i>Diagonal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Corners, Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Around Windows</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bulkheads, Around Windows</i>								
Metal Panel	2%	Now	\$2,100	2050	**	5	\$1,100	1
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Exterior Doors</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Exterior Doors</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Exterior Doors</i>								
Granite Panels	5%	Now	\$15,600	LIFE	**	5	\$1,100	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%</i>								
<i>Location : South Facade</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
Slate Panels	10%	Now	\$30,800	LIFE	**	5	\$2,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade</i>								
Windows								
Aluminum	100%	Now	\$367,200	2049	**	5	\$4,400	
<i>Air Infiltration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Glazing Clouded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade, South Facade</i>								
<i>Weather Strip Missing, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
NEW LOTS BRANCH LIBRARY
Asset # : 4203

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	95%	Now	\$77,200	LIFE	**	5	\$4,500	1
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Corners, Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade, South Facade</i>								
Masonry: Limestone	5%	Now	\$2,500	LIFE	**	5	\$300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Coping</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Coping</i>								
Roof								
Modified Bitumen	100%	Now	\$25,600	2029	**			
<i>Blisters, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Roof Over Second Floor</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Roof Over Second Floor</i>								
<i>Ponding, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Lower Roof Along New Lots Avenue</i>								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$3,900	
Ceramic Tile	3%			2027	\$20,500	5	\$1,100	
Terrazzo	5%	0-2	\$4,100	LIFE	**	5	\$1,400	
<i>Ponding, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Landing Of Main Staircase - Slipping Hazard</i>								
Vinyl Tile	87%	2-4	\$13,000	2024	\$260,400	3	\$11,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : First Floor</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
NEW LOTS BRANCH LIBRARY
Asset # : 4203

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	**	5	\$1,100	
Glass: Single Pane	2%	0-2	\$15,700	LIFE	**	5	\$400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Vestibule Doors At First, Basement And Second Floors</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Vestibule Doors At Basement, First And Second Floors</i>								
<i>Explanation : Deteriorated Finish</i>								
Gypsum Board	10%			LIFE	**	5	\$1,600	
Marble Panels	5%			LIFE	**			
Plaster	68%			LIFE	**	5	\$5,400	
SGFT/Glazed Masonry	5%	Now	\$2,500	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Main Stair Between Basement And First Floor</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Main Stair Between Basement And First Floor</i>								
Ceilings								
AcousTileConcealSpLn	25%	Now	\$71,200	2044	**	5	\$5,600	
<i>Loose/Delam Surface, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Second Floors, Around Windows</i>								
AcousTileSusp.Lay-In	50%			2037	**	5	\$17,800	
Plaster	25%	Now	\$5,800	LIFE	**	5	\$5,600	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Stairwell</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$2,500	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	\$16,000	5	\$100	
Molded Case Bkrs	50%			2024	\$16,000	5	\$300	
Raceway								
Conduit	70%			2034	**	1		
Conduit	30%			2024	\$9,300	1		

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
NEW LOTS BRANCH LIBRARY
Asset # : 4203

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2023	\$2,200	5	\$100	
Molded Case Bkrs	60%			2023	\$13,300	5	\$400	
Molded Case Bkrs	30%			2040	**	5	\$200	
Wiring								
Braided Cloth	70%	2-4	\$19,200	2049	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	30%			2044	**	1		
Motor Controllers								
Locally Mounted	80%			2022	\$35,900	5	\$100	
Locally Mounted	20%			2037	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	75%			2019	\$176,600	10	\$16,300	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Fluorescent	20%			2029	**	10	\$4,400	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Incandescent	5%			2019	\$11,800	2		
Egress Lighting								
Emergency, Battery	10%			2029	**	10	\$600	
Emergency, Battery	40%			2019	\$12,700	10	\$2,300	
Exit, Service	5%			2029	**	1		
Exit, Service	45%			2019	\$1,500	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	**	1	\$2,700	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	**	1-3	\$5,100	

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
NEW LOTS BRANCH LIBRARY
Asset # : 4203

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Hot Water Boiler	100%	Now	\$10,600	2037	**	1	\$10,600	
<i>Corroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Boiler Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Basement</i>								
<i>Explanation : One Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2032	**	4	\$1,200	
Terminal Devices								
Convactor/Radiator	100%			2029	**	1	\$7,700	
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	35%			2025	\$106,000	2	\$500	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2 Units In The Basement</i>								
Exterior Pkg Unit - Cooling	65%	Now	\$1,400	2029	**	2	\$800	
<i>Corroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Unit # 4</i>								
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2 Units Roof</i>								
Terminal Devices								
Fan Coil - Cooling	10%			2029	**	1	\$800	
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2029	**	2	\$1,700	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$13,200	
Exhaust Fans								
Interior	50%	Now	\$300	2024	\$13,000	2	\$300	
<i>Not in Service, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement Staff Lounge</i>								
Roof	50%	Now	\$500	2024	\$9,300	2	\$300	
<i>Corroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Roof Exhaust Fans</i>								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2044	**	1		
Galv Iron/Steel	50%			2029	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
NEW LOTS BRANCH LIBRARY
Asset # : 4203

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater Gas Fired	100%			2022	\$5,500	2	\$300	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : One Unit</i>							
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%	Now	\$1,600	LIFE	* *	1		
	<i>Blockage /Clogged, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Roof Drain</i>							
	<i>Corroded, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : At Lobby Ceiling, Leaking From Roof Drain</i>							
Sewage Ejector(s) Electric	100%			2029	* *	4	\$1,600	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Not Accessible</i>							
Backflow Preventer No Component Generic	90%			2024	\$200	1	\$200	
	10%							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Boiler Make Up Line</i>							
Fixtures Generic	100%							
Vertical Transport								
Elevators Hydraulic	100%			LIFE	* *			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : B-2</i>							
	<i>Explanation : 1 Unit</i>							
Fire Suppression								
Sprinkler No Component Generic	95%			2034	* *	1-2	\$300	
	5%							
Chemical System No Component Generic	90%			2022	\$2,600	1-3	\$5,100	
	10%							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Fire Extinguishers</i>							

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : NEW UTRECHT BRANCH LIBRARY
 Address : 1743 86TH ST. @BAY 17 STREET
 Borough : BROOKLYN Agency's Number : 51
 Program / Asset # : BPL0005.000 / 4204 Yr Built/Renovated : 1956 / 2000
 Area Sq Ft : 22,455 Project Type : BROOKLYN PUBLIC LIBRARY
 Date of Survey : 03-May-2016 Landmark Status : NONE
 Areas Surveyed : Basement, Roof, Floors 1,2
 Block : 6343 Lot : 64 BIN : 3165745

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$522,700	
Interior Architecture	\$83,800	\$275,100
Electrical		\$330,600
Total	\$606,500	\$605,800
Importance Code A	\$522,700	
Importance Code B	\$48,100	\$605,800
Importance Code C	\$35,700	
Total	\$606,500	\$605,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$29,000			
Interior Architecture	\$50,200			\$5,200
Electrical	\$41,500	\$400	\$500	\$700
Mechanical	\$14,700	\$2,700	\$4,300	\$2,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$139,300	\$7,100	\$8,700	\$12,000
Importance Code A	\$30,000	\$1,100	\$1,100	\$1,100
Importance Code B	\$83,900	\$6,000	\$7,600	\$10,100
Importance Code C	\$25,400			\$700
Total	\$139,300	\$7,100	\$8,700	\$12,000



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
NEW UTRECHT BRANCH LIBRARY
Asset # : 4204

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	\$229,300	LIFE	**	5	\$25,600	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade, Chimney</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Northwest Corner</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At Stairs Walls</i>								
Masonry: Fieldstone	1%	Now	\$7,300	LIFE	**	5	\$200	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	8%	Now	\$73,800	LIFE	**	5	\$1,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Window Wall	1%	Now	\$2,700	2047	**	5	\$500	
<i>Air Infiltration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%	Now	\$184,000	2052	**	5	\$2,200	
<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Hardware Missing, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	5%	Now	\$1,300	LIFE	**	5	\$400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	90%	Now	\$16,500	LIFE	**	5	\$1,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Interior Face Of South Parapet</i>								
Masonry: Limestone	5%	0-2	\$1,100	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Modified Bitumen	100%	Now	\$35,700	2032	**			
<i>Blisters, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Main Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

Interior

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
NEW UTRECHT BRANCH LIBRARY
Asset # : 4204

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$7,400	
Ceramic Tile	5%			2036	**	5	\$1,700	
Terrazzo	5%			LIFE	**	5	\$2,600	
Vinyl Tile	10%	Now	\$2,800	2032	**	3	\$1,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Vinyl Tile 9" X 9"	75%			2022	\$275,100	3	\$12,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Ceramic Tile	5%			2036	**	5	\$1,500	
Gypsum Board	10%	Now	\$2,500	LIFE	**	5	\$1,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Plaster	75%	Now	\$35,700	LIFE	**	5	\$6,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	10%	Now	\$23,000	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileConcealSpLn	25%	0-2	\$6,700	2040	**	5	\$5,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Exposed Concrete	10%			LIFE	**	5-10	\$4,200	
Gypsum Board	10%	Now	\$3,400	LIFE	**	5	\$4,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Plaster	55%	Now	\$48,100	LIFE	**	5	\$11,600	
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Throughout</i>								

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

Under 600 Volts

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
NEW UTRECHT BRANCH LIBRARY
Asset # : 4204

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2027	\$2,500	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 400 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$32,000	5	\$600	
Raceway								
Conduit	95%			2027	\$29,500	1		
Conduit	5%			2047	**	1		
Panelboards								
Fused Disc Sw	5%			2026	\$1,100	5		
Molded Case Bkrs	30%			2043	**	5	\$200	
Molded Case Bkrs	65%			2026	\$14,400	5	\$400	
Wiring								
Braided Cloth	70%	2-4	\$19,200	2052	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	30%			2047	**	1		
Motor Controllers								
Locally Mounted	100%			2040	**	5	\$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$700	
Lighting								
Interior Lighting								
Fluorescent	90%			2022	\$200,500	10	\$18,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	10%			2022	\$22,300	2	\$100	
Egress Lighting								
Emergency, Battery	50%			2022	\$15,000	10	\$2,700	
Exit, Service	50%			2022	\$1,600	1		
Exterior Lighting								
HID	100%			2022	\$84,000	10	\$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	\$13,500	1	\$1,700	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2027	\$46,100	1-3	\$2,900	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
NEW UTRECHT BRANCH LIBRARY
Asset # : 4204

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2047	**	1		
Conversion Equipment								
Hot Water Boiler	100%	Now	\$1,000	2040	**	1	\$10,000	
			<i>Malfunctioning, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Thermostat Control System</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : One Unit</i>					
Distribution								
Hot Wtr Piping/Pump	100%			2043	**	4	\$1,700	
Terminal Devices								
Air Handler	40%			2032	**	1	\$5,600	
Convactor/Radiator	60%			2040	**	1	\$4,400	
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	100%	Now	\$5,100	2032	**	2	\$1,100	
			<i>Malfunctioning, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Thermostat Control System</i>					
Terminal Devices								
Direct Expansion	100%			2032	**	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$19,800	
Exhaust Fans								
Interior	10%	Now	\$100	2032	**	2	\$100	
			<i>Broken, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Bathrooms</i>					
Roof	90%			2032	**	2	\$600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2032	**	1		
Water Heater								
Gas Fired	100%			2025		2	\$5,200	\$300
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
Vertical Transport								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

**BROOKLYN PUBLIC LIBRARY - 038
NEW UTRECHT BRANCH LIBRARY
Asset # : 4204**

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

Vertical Transport
Elevators

Hydraulic

100%

LIFE

* *

Other Observation, Extent : Light, Area Affected : 100%

Location : B-2

Explanation : 1 Unit

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.*

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : PACIFIC BRANCH LIBRARY
Address : 25 FOURTH AVENUE @PACIFIC STREET
Borough : BROOKLYN **Agency's Number** : 69
Program / Asset # : BPL0P69.000 / 13261 **Yr Built/Renovated** : 1903 / 2000
Area Sq Ft : 15,758 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 04-Apr-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,Mez,2
Block : 928 **Lot** : 6 **BIN** : 3018376

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$225,200	
Interior Architecture		\$159,700
Electrical	\$327,000	
Mechanical	\$196,600	
Total	\$748,800	\$159,700
Importance Code A	\$225,200	
Importance Code B	\$523,600	\$159,700
Total	\$748,800	\$159,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$34,900	\$10,700		
Interior Architecture	\$33,800	\$900	\$64,300	\$1,800
Electrical	\$10,500	\$32,500	\$900	\$900
Mechanical	\$9,200	\$9,700	\$3,500	\$1,700
Total	\$88,400	\$53,800	\$68,700	\$4,400
Importance Code A	\$35,700	\$11,600	\$800	\$800
Importance Code B	\$41,100	\$42,100	\$67,900	\$3,600
Importance Code C	\$11,600			
Total	\$88,400	\$53,800	\$68,700	\$4,400



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
PACIFIC BRANCH LIBRARY
Asset # : 13261

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	**	5	\$34,600	
Masonry: Fieldstone	5%	Now	\$34,900	LIFE	**	5	\$1,500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Retaining Walls At Exterior Stairs</i>								
<i>Open Joints, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Retaining Walls At Exterior Stairs</i>								
Masonry: Limestone	10%	Now	\$48,900	LIFE	**	5	\$3,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Windows Sills</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Window Sills</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Windows</i>								
Windows								
Wood	100%	Now	\$126,400	2049	**	5	\$22,700	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	80%	Now	\$49,800	LIFE	**	5	\$4,400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Interior Face</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Interior Face</i>								
Masonry: Limestone	10%			LIFE	**	5	\$700	
Metal Panel	10%			2044	**	5	\$2,100	
Roof								
Asphalt Shingle	40%			2033	**	10	\$1,100	
Modified Bitumen	60%			2029	**	10	\$9,600	
Interior								
Floors								
Carpet	20%			2020		3	\$7,300	
Cast in Place Concrete	10%			LIFE	**	5	\$5,400	
Ceramic Tile	5%			2027		5	\$1,200	
Sheet Vinyl/Rubber	5%			2024		5	\$1,800	
Vinyl Tile	60%	0-2	\$12,400	2024		3	\$5,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 2nd Floor</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement And Meeting Room</i>								
<i>Explanation : 9x9 Tiles</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
PACIFIC BRANCH LIBRARY
Asset # : 13261

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2027	\$25,000	5	\$900	
Gypsum Board	10%			LIFE	**	5	\$1,100	
Plaster	80%	2-4	\$11,600	LIFE	**	5	\$4,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement</i>								
Wood	5%			LIFE	**	5	\$3,700	
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$9,800	2044	**	5	\$600	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Mens Bathroom In Basement</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Mens Bathroom In Basement</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Mens Bathroom In Basement</i>								
Gypsum Board	5%			LIFE	**	5	\$1,500	
Plaster	90%			LIFE	**	5	\$13,800	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$1,500	5	\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$32,000	5	\$400	
Raceway								
Conduit	100%			2024	\$31,100	1		
Panelboards								
Fused Disc Sw	10%			2023	\$1,500	5		
Molded Case Bkrs	90%			2023	\$13,300	5	\$400	
Wiring								
Thermoplastic	100%			2024	\$27,500	1		
Motor Controllers								
Locally Mounted	100%			2022	\$29,900	5	\$100	
Ground								
Grounding Devices								
Generic	100%	2-4	\$9,400	LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : Corroded</i>								

Lighting

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
PACIFIC BRANCH LIBRARY
Asset # : 13261

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	68%			2019	\$106,300	10	\$9,800	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	30%			2029	**	10	\$4,300	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Offices And 2nd Floor</i>						
Incandescent	2%			2019	\$3,100	2		
Egress Lighting								
Emergency, Battery	50%			2019	\$10,500	10	\$1,900	
Exit, Service	50%			2019	\$1,100	1		
		<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Exterior Lighting								
HID	100%			2019	\$59,000	10		
Alarm								
Fire/Smoke Detection								
Generic	100%			2019	\$161,700	1-3	\$9,700	
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2034	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$7,800	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : (1) Gas Fired Hot Water Boiler</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$800	
Terminal Devices								
Air Handler	80%			2019	\$67,400	1	\$7,800	
		<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Roof And Basement, Equipment Approaching Useful Life Cycle Limit</i>						
Convactor/Radiator	20%			2029	**	1	\$1,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
PACIFIC BRANCH LIBRARY
Asset # : 13261

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	25%	Now	\$77,800	2029	**	2	\$200	
<i>Unit Inoperable, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
Ext Pkg Unit - Heating/Cooling	50%	Now	\$51,500	2034	**	2	\$400	
<i>Unit Inoperable, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Roof</i>								
Window/Wall Unit	25%			2019	\$8,000	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,800	
Exhaust Fans								
No Component	50%							
Not Accessible	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		
Water Heater								
Gas Fired	100%			2022	\$3,600	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2018	\$6,600	4	\$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2029	**	1	\$200	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Explanation : Boiler Only</i>								
Fixtures								
Generic	100%							

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : PARK SLOPE/PROSPECT BRANCH LIBRARY
Address : 431 SIXTH AVE. @9TH STREET
Borough : BROOKLYN **Agency's Number** : 53
Program / Asset # : BPL0P53.000 / 13262 **Yr Built/Renovated** : 1906 / 2012
Area Sq Ft : 15,868 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 25-Feb-2013 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,Mez
Block : 1006 **Lot** : 1 **BIN** : 3022144

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$146,100	\$45,600
Interior Architecture	\$55,100	
Electrical		\$119,000
Total	\$201,200	\$164,500
Importance Code A	\$146,100	\$45,600
Importance Code B	\$55,100	\$119,000
Total	\$201,200	\$164,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$58,000	\$5,000		
Interior Architecture				\$4,200
Electrical	\$800	\$900	\$1,400	\$1,100
Mechanical	\$4,100	\$1,600	\$5,800	\$1,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$67,000	\$11,400	\$11,100	\$10,800
Importance Code A	\$58,800	\$5,700	\$1,000	\$800
Importance Code B	\$8,200	\$5,700	\$10,100	\$10,100
Importance Code C				
Total	\$67,000	\$11,400	\$11,100	\$10,800



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
PARK SLOPE/PROSPECT BRANCH LIBRARY

Asset # : 13262

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$99,200	LIFE	**	5	\$30,300	
<i>Efflorescence, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	10%	4+	\$46,900	LIFE	**	5	\$2,700	
<i>Vegetation Growth, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Stucco Cement	5%	Now	\$16,800	2029	**	5	\$2,200	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout Moat Areas</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Moat Areas</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Actual Bluestone</i>								
Windows								
Aluminum	100%	Now	\$25,600	2040	**	5	\$2,800	
<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	85%	Now	\$10,900	LIFE	**	5	\$3,500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	10%	0-2	\$4,700	LIFE	**	5	\$500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%			2044	**	5	\$800	
Roof								
Copper/Terne	80%			2052	**	10	\$45,600	
Modified Bitumen	20%			2029	**	10	\$4,600	

Interior

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
PARK SLOPE/PROSPECT BRANCH LIBRARY

Asset # : 13262

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$2,600	
Ceramic Tile	3%			2037	**	5	\$700	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bathrooms, 2012</i>								
Glass Block	5%			2059	**	1		
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mezzanine Level, 2012</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mezzanine Level</i>								
<i>Explanation : Suspended Glass Panels</i>								
Mosaic Tile	2%			2041	**	5	\$1,200	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Lobby, 2012</i>								
Vinyl Tile	85%	4+	\$55,100	2032	**	3	\$7,500	
<i>Adhesion Failure, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 90%</i>								
<i>Location : Throughout Public Areas, 2012</i>								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$300	
Glass: Single Pane	5%			LIFE	**	5	\$600	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Lobby, 2012</i>								
Gypsum Board	10%			LIFE	**	5	\$900	
Plaster	70%			LIFE	**	5	\$3,200	
Wood	5%			LIFE	**	5	\$3,000	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout, 2012</i>								
Wood	5%			LIFE	**	5	\$3,000	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout, 2012</i>								
Ceilings								
AcousTileSusp.Lay-In	10%			2041	**	5	\$2,300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations Throughout, 2012</i>								
Glass: Susp Panels	10%			LIFE	**			
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mezzanine Level, 2012</i>								
Plaster	80%			LIFE	**	5	\$11,700	
<i>Recent Repair Evident, Extent : Light, Area Affected : 90%</i>								
<i>Location : Various Locations Throughout, 2012</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
PARK SLOPE/PROSPECT BRANCH LIBRARY

Asset # : 13262

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2050	**	5	\$400	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 400 Amps Main Disconnect Switch</i>							
<hr/>								
Switchgear / Switchboard								
Molded Case Bkrs	70%			2050	**	5	\$300	
Molded Case Bkrs	30%			2034	**	5	\$100	
<hr/>								
Raceway								
Conduit	70%			2034	**	1		
Conduit	30%			2050	**	1		
<hr/>								
Panelboards								
Fused Disc Sw	5%			2032	**	5		
Molded Case Bkrs	10%			2032	**	5		
Molded Case Bkrs	85%			2046	**	5	\$400	
<hr/>								
Wiring								
Thermoplastic	30%			2050	**	1		
Thermoplastic	70%			2034	**	1		
<hr/>								
Motor Controllers								
Locally Mounted	50%			2029	**	5	\$100	
Locally Mounted	50%			2041	**	5	\$100	
<hr/>								
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	60%			2032	**	10	\$8,700	
	<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Fluorescent	30%			2032	**	10	\$4,400	
	<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Fluorescent	10%			2024	\$17,200	10	\$1,500	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Kitchen And Auditorium</i>							
	<i>Explanation : T-12 Lamps</i>							
<hr/>								
Egress Lighting								
Emergency, Battery	15%			2024	\$3,500	10	\$600	
Emergency, Battery	35%			2032	**	10	\$1,300	
Exit, LED	30%			2059	**	1		
Exit, Service	10%			2024	\$200	1		
Exit, Service	10%			2032	**	1		
<hr/>								
Exterior Lighting								
HID	100%			2024	\$64,900	10		
<hr/>								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2027	\$36,800	5	\$500	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
PARK SLOPE/PROSPECT BRANCH LIBRARY

Asset # : 13262

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

Alarm

Security System

No Component

70%

Generic

30%

2032

**

1

\$1,800

Fire/Smoke Detection

No Component

25%

Generic

75%

2032

**

1-3

\$7,300

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

Heating

Energy Source

Natural Gas

100%

2044

**

1

Other Observation, Extent : Moderate, Area Affected : 100%

Location : Parking Lot Area

Explanation : Oil Tank Abandoned In Place

Conversion Equipment

Hot Water Boiler

100%

2037

**

1

\$7,900

Other Observation, Extent : Light, Area Affected : 100%

Location : Basement

Explanation : 1 Gas Fired How Water Boiler

Distribution

Hot Wtr Piping/Pump

100%

2040

**

4

\$800

Terminal Devices

Air Handler

60%

2032

**

1

\$5,900

Convector/Radiator

20%

2029

**

1

\$1,000

Convector/Radiator

20%

2041

**

1

\$1,000

Air Conditioning

Energy Source

Electricity

100%

2040

**

1

Conversion Equipment

Interior Pkg Unit -

Cooling

100%

2028

**

2

\$1,000

Recent Installation, Extent : Light, Area Affected : 100%

Location : Basement Mechanical Room And Fan Room

Heat Rejection

Air Condenser Unit

100%

2032

**

2

\$11,100

Recent Installation, Extent : Light, Area Affected : 100%

Location : In Front Of Building

Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

**

2-5

\$8,800

Exhaust Fans

Interior

100%

2024

\$19,000

2

\$500

Plumbing

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

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BROOKLYN PUBLIC LIBRARY - 038
PARK SLOPE/PROSPECT BRANCH LIBRARY
Asset # : 13262

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping Brass/Copper	100%			2034	* *	1		
Water Heater Gas Fired	100%			2022	\$4,000	2	\$200	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Backflow Preventer No Component Generic	80% 20%			2029	* *	1	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : Serves Boiler Only</i>						
Fixtures								
Generic	100%							
Vertical Transport								
Elevators Hydraulic	100%			LIFE	* *			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Through Second Floor</i>						
		<i>Explanation : Newly Installed Hydraulic Elevator</i>						

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : RYDER BRANCH LIBRARY
Address : 5902 23RD AVE. @59 STREET
Borough : BROOKLYN **Agency's Number** : 80
Program / Asset # : BPL0R80.000 / 13265 **Yr Built/Renovated** : 1970 / 1998
Area Sq Ft : 10,690 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 06-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 6548 **Lot** : 37 **BIN** : 3172049

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$89,100	
Interior Architecture	\$59,000	
Electrical	\$109,700	\$101,800
Mechanical		\$144,200
Total	\$257,700	\$246,000
Importance Code A	\$89,100	
Importance Code B	\$168,700	\$246,000
Total	\$257,700	\$246,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$23,900			
Interior Architecture	\$21,700			\$900
Electrical	\$14,600	\$2,500	\$800	\$700
Mechanical	\$3,300	\$4,300	\$4,400	\$1,800
Total	\$63,500	\$6,800	\$5,200	\$3,400
Importance Code A	\$24,400	\$700	\$500	\$500
Importance Code B	\$39,000	\$6,100	\$4,700	\$2,900
Importance Code C	\$100			
Total	\$63,500	\$6,800	\$5,200	\$3,400



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
RYDER BRANCH LIBRARY
Asset # : 13265

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$4,200	
Masonry: Brick	90%			LIFE	**	5	\$7,500	
Windows								
Aluminum	100%	Now	\$23,900	2032	**	5	\$1,400	
<i>Air Infiltration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Weather Strip Missing, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Modified Bitumen	100%	0-2	\$89,100	2034	**			
<i>Seams Open/Split, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$1,800	
Quarry Tile	5%			2037	**	5	\$600	
Vinyl Tile	85%	0-2	\$59,000	2034	**	3	\$2,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Ceramic Tile	3%			2033	**	5	\$200	
Concrete Masonry Unit	40%			LIFE	**	5	\$1,200	
Gypsum Board	47%			LIFE	**	5	\$2,100	
Masonry: Brick	10%			LIFE	**			
Ceilings								
AcousTile,Adhered	35%	4+	\$8,000	2037	**	5	\$1,400	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
AcousTileSusp.Lay-In	50%	4+	\$13,200	2037	**	5	\$2,100	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Steel	5%			LIFE	**			
Gypsum Board	10%	2-4	\$400	LIFE	**	5	\$1,000	
<i>Horizontal Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Main Public Space</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
RYDER BRANCH LIBRARY
Asset # : 13265

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$1,500	5	\$300	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : 1st Floor, Mechanical Room</i>							
	<i>Explanation : One 350 Amps Main Disconnect Switch</i>							
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$32,000	5	\$300	
Raceway								
Conduit	80%			2024	\$24,800	1		
Conduit	20%			2044	**	1		
Panelboards								
Fused Disc Sw	5%			2023	\$700	5		
Molded Case Bkrs	75%			2023	\$11,100	5	\$200	
Molded Case Bkrs	20%			2040	**	5	\$100	
Wiring								
Braided Cloth	50%	2-4	\$13,700	2049	**	1		
	<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Thermoplastic	20%			2044	**	1		
Thermoplastic	30%			2024	\$8,200	1		
Motor Controllers								
Locally Mounted	100%			2022	\$29,900	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	96%			2024	\$101,800	10	\$9,400	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : T-12 Lamps</i>							
Incandescent	4%			2024	\$4,200	2		
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$1,300	
Exit, Service	50%			2029	**	1		
Exterior Lighting								
HID	50%			2024	\$20,000	10		
Incandescent	50%			2024	\$17,000	2		
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	**	1	\$1,200	
Fire/Smoke Detection								
Generic	100%			2019	\$109,700	1-3	\$6,600	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
RYDER BRANCH LIBRARY
Asset # : 13265

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
Natural Gas	100%			2044	**	1	
Conversion Equipment							
Furnace	70%			2029	**	1	\$3,700
		<i>Other Observation, Extent : Light, Area Affected : 70%</i>					
		<i>Location : 1st Floor Equipment Room</i>					
		<i>Explanation : 3 Units</i>					
Hot Water Boiler	30%			2037	**	1	\$1,600
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>					
		<i>Location : 1st Floor Equipment Room</i>					
		<i>Explanation : 1 Unit</i>					
Distribution							
Hot Wtr Piping/Pump	100%			2032	**	4	\$500
Terminal Devices							
Convactor/Radiator	30%			2037	**	1	\$1,000
No Component	70%						
Air Conditioning							
Energy Source							
Electricity	100%			2040	**	1	
Conversion Equipment							
Reciprocating Compr/Chiller	100%			2024	\$36,000	1	\$5,000
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Roof</i>					
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Roof</i>					
		<i>Explanation : Four Split Systems, Roof Mounted Air Condensers</i>					
Terminal Devices							
Air Handler/Cool/Ht	100%			2024	\$45,000	1	\$6,600
Heat Rejection							
Remote Air Cond	100%			2024	\$63,300	2	\$7,400
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,000
Exhaust Fans							
Interior	80%			2024	\$9,400	2	\$300
Roof	20%			2024	\$1,700	2	\$100
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2044	**	1	
Water Heater							
Gas Fired	100%			2019	\$2,500	2	\$200
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
RYDER BRANCH LIBRARY
Asset # : 13265

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Plumbing									
	Fixtures								
	Generic	100%							

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : SARATOGA BRANCH LIBRARY
Address : 8 THOMAS S BOYLAND ST. @MACON ST.
Borough : BROOKLYN **Agency's Number** : 57
Program / Asset # : BPL0S57.000 / 13266 **Yr Built/Renovated** : 1908 / 2002
Area Sq Ft : 10,690 **Project Type** : BROOKLYN PUBLIC LIBRARY
Date of Survey : 15-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 1498 **Lot** : 35 **BIN** : 3040218

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$39,800	
Interior Architecture	\$89,000	
Electrical	\$74,200	\$71,800
Mechanical		\$99,200
Total	\$203,100	\$171,100
Importance Code A	\$39,800	
Importance Code B	\$163,200	\$171,100
Total	\$203,100	\$171,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$30,100			
Interior Architecture	\$800	\$600		\$1,300
Electrical	\$1,000	\$8,000	\$1,300	\$1,000
Mechanical	\$3,100	\$1,500	\$4,200	\$1,500
Total	\$35,000	\$10,100	\$5,500	\$3,800
Importance Code A	\$30,600	\$600	\$500	\$500
Importance Code B	\$3,900	\$9,600	\$5,000	\$3,300
Importance Code C	\$500			
Total	\$35,000	\$10,100	\$5,500	\$3,800



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

BROOKLYN PUBLIC LIBRARY - 038
SARATOGA BRANCH LIBRARY
Asset # : 13266

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	**	5	\$11,800	
Masonry: Limestone	20%			LIFE	**	5	\$2,400	
Metal Panel	5%	Now	\$1,100	2034	**	5	\$1,500	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Metal Panel Covers At South And East Facades</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Metal Panel Covers At South And East Facades</i>								
<hr/>								
Windows								
Glass Block	5%			LIFE	**	5	\$100	
Wood	95%	Now	\$28,900	2032	**	5	\$17,300	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<hr/>								
Parapets								
Masonry: Limestone	100%			LIFE	**	5	\$3,300	
<hr/>								
Roof								
Slate	100%	Now	\$39,800	LIFE	**			
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At Gutters</i>								
<hr/>								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$2,700	
Ceramic Tile	5%			2033	**	5	\$600	
Vinyl Tile	85%	Now	\$89,000	2034	**	3	\$4,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Main Entrance</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : First Floor</i>								
<hr/>								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$1,100	
Concrete Masonry Unit	5%			LIFE	**	5	\$400	
Masonry: Brick	20%			LIFE	**			
Plaster	70%			LIFE	**	5	\$4,400	
<hr/>								
Ceilings								
AcousTileSusp.Lay-In	10%			2029	**	5	\$1,200	
Plaster	90%			LIFE	**	5	\$7,000	
<hr/>								
Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
SARATOGA BRANCH LIBRARY
Asset # : 13266

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated @ 400 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	**	5	\$300	
Raceway								
Conduit	100%			2044	**	1		
Panelboards								
Fused Disc Sw	20%			2040	**	5	\$100	
Molded Case Bkrs	80%			2040	**	5	\$200	
Wiring								
Thermoplastic	100%			2044	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	70%			2019	\$74,200	10	\$6,900	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	30%			2024	\$31,800	10	\$2,900	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Battery	50%			2024	\$7,100	10	\$1,300	
Exit, Service	50%			2024	\$800	1		
Exterior Lighting								
HID	100%			2024	\$40,000	10		
Alarm								
Security System								
Generic	100%			2032	**	1	\$4,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside And Outside The Building</i>								
<i>Explanation : C C T V Surveillance Cameras</i>								
Fire/Smoke Detection								
Generic	100%			2032	**	1-3	\$6,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Horns, Manual Pull Stations, Smoke Detectors And Strobe Lights</i>								

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

Heating

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
SARATOGA BRANCH LIBRARY
Asset # : 13266

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2037	* *	1	\$5,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2032	* *	4	\$500	
Terminal Devices								
Air Handler	40%			2024	\$22,800	1	\$2,600	
Convactor/Radiator	60%			2037	* *	1	\$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2024	\$36,000	1	\$5,000	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor New Extension</i>								
Terminal Devices								
Direct Expansion	100%			2024	\$32,900	1		
Heat Rejection								
Remote Air Cond	100%			2024	\$63,300	2	\$7,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,000	
Exhaust Fans								
Interior	100%			2024	\$11,700	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	\$2,500	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : B-1</i>								
<i>Explanation : One Hyd Chair Lift</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : STONE AVENUE BRANCH LIBRARY
Address : 581 MOTHER GASTON BLVD. @ DUMONT AVE.
Borough : BROOKLYN Agency's Number : 26
Program / Asset # : BPL0S26.000 / 13268 Yr Built/Renovated : 1914 / 2007
Area Sq Ft : 14,252 Project Type : BROOKLYN PUBLIC LIBRARY
Date of Survey : 12-Mar-2013 Landmark Status : NONE
Areas Surveyed : Basement, Roof, Floors 1,m,2
Block : 3794 Lot : 18 BIN : 3084596

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Interior Architecture	\$81,400	
Electrical		\$56,200
Total	\$81,400	\$56,200
Importance Code B	\$81,400	\$56,200
Total	\$81,400	\$56,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$16,300		\$3,300	
Interior Architecture	\$16,000		\$2,500	\$1,200
Electrical	\$10,900	\$16,200	\$1,700	\$1,300
Mechanical	\$4,800	\$2,000	\$5,000	\$2,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$52,000	\$22,100	\$16,300	\$8,400
Importance Code A	\$17,000	\$800	\$4,000	\$700
Importance Code B	\$35,000	\$21,200	\$12,400	\$7,700
Importance Code C				
Total	\$52,000	\$22,100	\$16,300	\$8,400



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

BROOKLYN PUBLIC LIBRARY - 038
STONE AVENUE BRANCH LIBRARY
Asset # : 13268

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	**	5	\$25,000	
Masonry: Limestone	15%			LIFE	**	5	\$3,300	
Windows								
Aluminum	100%			2040	**	5	\$6,500	
Parapets								
Masonry: Brick	85%			LIFE	**	5	\$3,500	
Masonry: Limestone	15%			LIFE	**	5	\$800	
Roof								
Modified Bitumen	100%	Now	\$16,300	2029	**			
<i>Blisters, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Second Floor</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Second Floor</i>								
Interior								
Floors								
Carpet	30%			2023	\$62,100	3	\$7,400	
Cast in Place Concrete	3%			LIFE	**	5	\$1,100	
Ceramic Tile	5%			2037	**	5	\$800	
Vinyl Tile	59%	Now	\$81,400	2034	**	3	\$3,600	
<i>Adhesion Failure, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Wood	3%	Now	\$16,000	2064	**	5	\$500	
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Mechanical Room On Second Floor</i>								
<i>Poor Subfloor Evident, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Mechanical Room On Second Floor</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Mechanical Room On Second Floor</i>								
Interior Walls								
Ceramic Tile	5%			2037	**	5	\$1,100	
Gypsum Board	20%			LIFE	**	5	\$2,700	
Plaster	50%			LIFE	**	5	\$3,400	
Wood	25%			LIFE	**	5	\$22,300	
Ceilings								
Gypsum Board	15%			LIFE	**	5	\$3,100	
Plaster	80%			LIFE	**	5	\$8,200	
Plaster	5%			LIFE	**	5	\$500	
Electrical								
System Component Type		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
STONE AVENUE BRANCH LIBRARY
Asset # : 13268

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	\$700	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : No Nameplate Rating Available</i>								
Molded Case Bkrs	50%			2024	\$700	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Disconnect Rated @ 400 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$32,000	5	\$400	
Raceway								
Conduit	80%			2024	\$24,800	1		
Conduit	20%			2044	**	1		
Panelboards								
Molded Case Bkrs	50%			2023	\$7,400	5	\$200	
Molded Case Bkrs	50%			2040	**	5	\$200	
Wiring								
Thermoplastic	100%			2044	**	1		
Motor Controllers								
Locally Mounted	100%			2037	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%	2-4	\$9,400	LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Metal Water Pipe</i>								
<i>Explanation : Corroded</i>								
Lighting								
Interior Lighting								
Fluorescent	10%			2029	**	10	\$1,300	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mezzanine</i>								
Fluorescent	2%			2024	\$2,800	10	\$300	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
Fluorescent	88%			2029	**	10	\$11,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Compact Fluorescent Light Fixtures</i>								
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$1,700	
Exit, LED	50%			2052	**	1		
Exterior Lighting								
HID	100%			2024	\$53,300	10		
Alarm								

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
STONE AVENUE BRANCH LIBRARY
Asset # : 13268

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

Alarm

Security System Generic	100%			2029	**	1	\$5,300	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Explanation : C C T V Surveillance Cameras

Fire/Smoke Detection Generic	100%			2029	**	1-3	\$8,800	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Explanation : Strobe Lights, Smoke Detectors, Manual Pull Station And Alarm Bells

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

Heating

Energy Source Natural Gas	100%			2044	**	1		
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Other Observation, Extent : Severe, Area Affected : 100%

Location : Basement Electric Room

Explanation : No Vent For Gas Meter Located In Electric Room - Dangerous Condition

Conversion Equipment Hot Water Boiler	100%			2037	**	1	\$7,100	
--	------	--	--	------	----	---	---------	--

Other Observation, Extent : Light, Area Affected : 100%

Location : Basement Boiler Room

Explanation : 1 Unit

Distribution Hot Wtr Piping/Pump	100%			2040	**	4	\$700	
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Terminal Devices Air Handler	60%			2032	**	1	\$5,300	
Convector/Radiator	40%			2037	**	1	\$1,800	

Air Conditioning

Energy Source Electricity	100%			2040	**	1		
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Conversion Equipment Reciprocating Compr/Chiller	75%			2032	**	1	\$5,000	
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R-22 Refrigerant, Extent : Light, Area Affected : 75%

Location : 2nd Floor Mechanical Room

Exterior Pkg Unit - Cooling	25%			2032	**	2	\$200	
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R-22 Refrigerant, Extent : Light, Area Affected : 25%

Location : Basement

Terminal Devices Direct Expansion	75%			2032	**	1		
No Component	25%							

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
STONE AVENUE BRANCH LIBRARY
Asset # : 13268

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Heat Rejection								
Air Condenser Unit	75%			2032	**	2	\$7,400	
		<i>Other Observation, Extent : Severe, Area Affected : 75%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Inoperable Unit</i>						
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,900	
Exhaust Fans								
Interior	100%	Now	\$800	2032	**	2	\$300	
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Basement Electric Room</i>						
		<i>Explanation : No Vent For Gas Meter</i>						
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		
Water Heater								
Gas Fired	100%			2023		2	\$200	
Sanitary Piping								
Cast Iron	100%	Now	\$600	LIFE	**	1		
		<i>Other Observation, Extent : Severe, Area Affected : 3%</i>						
		<i>Location : Basement Mens Room</i>						
		<i>Explanation : Water Backs Up From Sewage Drain</i>						
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : B, 1, M, 2</i>						
		<i>Explanation : 1 Unit</i>						

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 16-Sep-2016

BROOKLYN PUBLIC LIBRARY - FY 2017

Asset Name : **WILLIAMSBURGH BRANCH LIBRARY**
 Address : **240 DIVISION AVE. @ MARCY AVE.**
 Borough : **BROOKLYN** Agency's Number : **60**
 Program / Asset # : **BPL0007.000 / 4201** Yr Built/Renovated : **1905 / 2014**
 Area Sq Ft : **22,980** Project Type : **BROOKLYN PUBLIC LIBRARY**
 Date of Survey : **21-Jul-2014** Landmark Status : **EXTERIOR LANDMARK**
 Areas Surveyed : **Basement, Roof, Floors 1,1m,2**
 Block : **2189** Lot : **1** BIN : **3060090**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$789,200	\$135,800
Interior Architecture	\$44,000	
Electrical		\$143,100
Mechanical		\$136,400
Total	\$833,200	\$415,300
Importance Code A	\$789,200	\$191,800
Importance Code B	\$44,000	\$223,600
Total	\$833,200	\$415,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$16,800		\$14,000	
Interior Architecture	\$28,000	\$2,300	\$6,400	\$4,500
Electrical	\$800	\$600	\$24,900	\$800
Mechanical	\$2,100	\$3,300	\$19,300	\$3,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$51,800	\$10,300	\$68,600	\$13,200
Importance Code A	\$18,000	\$1,100	\$15,400	\$1,100
Importance Code B	\$12,000	\$7,700	\$53,200	\$12,100
Importance Code C	\$21,800	\$1,500		
Total	\$51,800	\$10,300	\$68,600	\$13,200



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

BROOKLYN PUBLIC LIBRARY - 038
WILLIAMSBURGH BRANCH LIBRARY
Asset # : 4201

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Copper/Terne	3%	Now	\$16,800	2069		**		
	<i>Deformed/Dented, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : South Facade Transom Panels</i>							
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : South Facade Transom Panels</i>							
	<i>Recent Replace Evident, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Cornice At South Facing Circular Apse</i>							
	<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : South Facade Transom Panels</i>							
Masonry: Brick	82%	Now	\$291,400	LIFE		**	5	\$89,100
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Sidewalk Shed in Use, Extent : Light, Area Affected : 10%</i>							
	<i>Location : South Western Facade</i>							
	<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Masonry: Limestone	15%	Now	\$214,300	LIFE		**	5	\$12,200
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Cornice, Horizontal Bands</i>							
Windows								
Wood	100%	Now	\$283,500	2050		**	5	\$46,600
	<i>Air Infiltration, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Throughout - 2nd Floor North Facing Windows</i>							
	<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Split/Cracked, Extent : Moderate, Area Affected : 35%</i>							
	<i>Location : Throughout</i>							
Parapets								
Masonry: Brick	30%			LIFE		**	5	\$2,000
	<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Masonry: Brick Cavity	60%			LIFE		**	5	\$4,000
	<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Masonry: Limestone	10%			LIFE		**	5	\$800
	<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							

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BROOKLYN PUBLIC LIBRARY - 038
WILLIAMSBURGH BRANCH LIBRARY
Asset # : 4201

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Copper/Terne	25%			2060	**	10	\$14,000	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Atop South Facing Circular Apse</i>								
Modified Bitumen	75%			2033	**	10	\$16,800	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Carpet	10%			2024	\$47,600	3	\$6,900	
Ceramic Tile	5%			2034	**	5	\$1,700	
Vinyl Tile	65%			2030	**	3	\$11,200	
Wood	20%			2040	**	5	\$12,900	
Interior Walls								
Ceramic Tile	5%			2034	**	5	\$2,900	
Plaster	85%	Now	\$21,800	LIFE	**	5	\$15,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout 2nd Floor, Stairwells And Storage Room</i>								
Wood	10%			LIFE	**	5	\$23,600	
Ceilings								
AcousTileSusp.Lay-In	10%			2038	**	5	\$3,400	
Plaster	90%	Now	\$44,000	LIFE	**	5	\$19,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout 2nd Floor, Stairwells, Storage And Electrical Rooms</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout 2nd Floor, Stairwells, Storage And Electrical Rooms</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2025	\$2,700	5	\$600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 1- Electrical Service Rated @ 1200 Amps</i>								
Switchgear / Switchboard								
Fused Disc Sw	30%			2045	**	5		
Molded Case Bkrs	70%			2025	\$24,500	5	\$400	
Raceway								
Conduit	90%			2035	**	1		
Conduit	10%			2045	**	1		

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WILLIAMSBURGH BRANCH LIBRARY
Asset # : 4201

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	25%			2024	\$6,100	5	\$200	
Molded Case Bkrs	50%			2041	**	5	\$300	
Molded Case Bkrs	25%			2033	**	5	\$200	
Wiring								
Thermoplastic	90%			2035	**	1		
Thermoplastic	10%			2045	**	1		
Motor Controllers								
Locally Mounted	100%			2023	\$49,100	5	\$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Water Main</i>								
Lighting								
Interior Lighting								
Fluorescent	70%			2030	**	10	\$14,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	10%			2030	**	10	\$2,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Compact Fluorescent Light Fixtures</i>								
Fluorescent	20%			2030	**	10	\$4,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Classrooms</i>								
<i>Explanation : T-5 Lamps</i>								
Egress Lighting								
Emergency, Battery	50%			2030	**	10	\$2,800	
Exit, Service	50%			2030	**	1		
Exterior Lighting								
HID	100%			2025	\$94,000	10	\$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	**	1	\$1,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways</i>								
<i>Explanation : CCTV Surveillance Camera System And Intrusion Alarm System</i>								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2030	**	1-3	\$4,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors</i>								

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BROOKLYN PUBLIC LIBRARY - 038
WILLIAMSBURGH BRANCH LIBRARY
Asset # : 4201

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2035	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2023	\$56,000	1	\$11,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Boiler</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2033	* *	4	\$1,100	
Terminal Devices								
Convactor/Radiator	100%			2030	* *	1	\$7,400	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	25%			2025	\$21,100	1	\$2,700	
Exterior Pkg Unit - Cooling	70%			2025	\$80,400	2	\$1,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Refrigerant - Hcfc-22</i>								
Window/Wall Unit	5%			2020	\$2,600	1		
Terminal Devices								
Direct Expansion	25%			2025	\$19,300	1		
No Component	75%							
Heat Rejection								
Air Condenser Unit	25%			2025	\$12,400	2	\$4,000	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,800	
Exhaust Fans								
Interior	50%			2025	\$13,800	2	\$400	
Roof	50%			2025	\$9,900	2	\$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	\$5,800	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	\$12,000	4	\$1,600	

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**BROOKLYN PUBLIC LIBRARY - 038
WILLIAMSBURGH BRANCH LIBRARY**

Asset # : 4201

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE				* *
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : B, E, 1, 2</i>						
		<i>Explanation : One Unit</i>						

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