Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : ARLINGTON BRANCH LIBRARY

Address : 203 ARLINGTON AVE. @WARWICK ST.

Borough : BROOKLYN Agency's Number : 21

Area Sq Ft : 16,385 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 25-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,mz

Block : 3923 Lot : 52 BIN : 3087001

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$148,700	
Interior Architecture		\$154,000
Mechanical	\$680,800	\$89,000
Total	\$829,500	\$243,000
Importance Code A	\$148,700	
Importance Code B	\$680,800	\$243,000
Total	\$829,500	\$243,000

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$4,700		\$5,200	
Interior Architecture	\$49,700			\$2,100
Electrical	\$400	\$200	\$4,300	\$200
Mechanical	\$4,000	\$1,500	\$2,800	\$1,900
Site Enclosure	\$3,300			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$66,000	\$5,700	\$16,300	\$8,200
Importance Code A	\$5,500	\$800	\$6,100	\$800
Importance Code B	\$38,900	\$4,900	\$10,200	\$7,400
Importance Code C	\$21,700			
Total	\$66,000	\$5,700	\$16,300	\$8,200



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.

Asset #: 13233

Architecture	Cı	Current Repair		Futur	Future Replacement		Maintenance	
System Component Type		l Date (ears)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls Masonry: Brick	90% N		\$148,700	LIFE	* *	5	\$22,700	
	Location : Ti	hrougho						
	Location : Ti	hrougho	od, Extent : Moder out etent : Moderate, A					
	Location : H			1704 11990	cica . 570			
Masonry: Limestone	10%			LIFE	* *	5	\$1,900	
Windows								
Aluminum	95%		#200	2037	* *	5	\$5,000	
Wood	5% N		\$200 ents, Extent : Mod	2037	* *	5	\$1,300	
	Location: To			eraie, Ar	ea Affectea : 2%			
Parapets Metal Cornice	100%			2044	* *	10		
Roof	10070			2011		10		
Asphalt Shingle	70%			2032	* *	10	\$2,000	
Modified Bitumen	30%			2034	* *	10	\$5,200	
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
terior								
Floors Cast in Place Concrete	20%			LIFE	* *	5	\$9,700	
edst in 1 idee concrete			: Light, Area Affec		%	3	ψ3,700	
Ceramic Tile	5%			2032	* *	5	\$1,100	
Vinyl Tile	75% N	ow	\$30,800	2029	\$154,000	3	\$6,300	
	Cracking/Crui Location : Ti		Extent : Moderate ut	e, Area Aj	ffected : 20%			
	Loose Units, E Location : To		Moderate, Area Aj ut	ffected :	10%			
Interior Walls								
Ceramic Tile	5%			2032	* *	5	\$1,300	
Plaster	80% N		\$17,700	LIFE	**	5	\$6,100	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20% Location : Hallway By Elevator, Meeting Room							
		•	sy Eievaior, Meei tent : Moderate, A	_				
	Location: H			пеи лује	ciea . 1570			
Wood	15%			LIFE	* *	5	\$15,300	
Ceilings							-	
Gypsum Board	10%			LIFE	* *	5	\$2,800	
Plaster	87%			LIFE	* *	5	\$12,100	
Wood Site Enclosure	3%			LIFE	* *	5	\$5,800	

Site Enclosure

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.

Asset #: 13233

Architecture	Currer	t Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure							
Fence/Gates							
Iron Picket	99% Now	\$3,300	2049	* *			
	Broken/Missing El	ements, Extent : Mod	erate, Ar	ea Affected : 5%			
	Location : Front	· ·					
	-	Extent : Moderate, A	1rea Affe	ected : 10%			
	Location : Front	Of Building					
Masonry: Brick	1%		2039	* *			
Free Standing Walls							
Masonry: Fieldstone	100%		2039	* *			
Retaining Walls							
Cast in Place Concrete	100%		2049	* *			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2042	* *			
	-	ng, Extent : Light, Are	ea Affect	ed : 5%			
	Location : Throu	ghout					
On-Site Walkways							
Cast in Place Concrete	90%		2034	* *			
Masonry: Granite	10%		LIFE	* *			
Parking/Driveway							
Cast in Place Concrete	100%		2034	* *			

ectrical	Current Repair	Future Replacement	Maintenance	
stem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
der 600 Volts				
Service Equipment				
Fused Disc Sw	100%	2039 **	5 \$100	
	Other Observation, Extent : Light, Ar	ea Affected : 100%		
	Location : Electrical Room			
	Explanation: 2- Main Service Disco Amperes.	onnect Switches Rated At 400	Amperes And 200	
Switchgear / Switchboard				
Molded Case Bkrs	100%	2039 **	5 \$400	
	Other Observation, Extent : Light, Are	ea Affected : 100%		
	Location : Electrical Room			
	Explanation: 1- Vertical Section			
Raceway				
Conduit	100%	2039 **	1	
Panelboards				
Fused Disc Sw	5%	2037 **	5	
Molded Case Bkrs	95%	2037 **	5 \$400	
Wiring				
Thermoplastic	100%	2039 **	1	

Ground

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.

Asset # : 13233

Electrical		Current Repair Future Replacement		M	Maintenance		
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
Lighting							
Interior Lighting							
Fluorescent	1%		2024	\$1,800	10	\$200	
	_	s And Fixtures, Extent : Ligh	t, Area A	ffected : 100%			
	Location :	: Boiler Room					
Incandescent	1%		2029	\$1,800	2		
LED	98%		2037	* *			
Egress Lighting							
Emergency, Battery	50%		2034	* *	10	\$2,000	
Exit, Service	50%		2034	* *	1		
Exterior Lighting							
HID	30%		2029	\$20,100	10		
No Component	70%						
Alarm							
Security System							
No Component	70%						
Generic	30%		2034	* *	1	\$1,800	
	Other Obse	rvation, Extent : Light, Area	Affected	! : 100%			
	Location:	: Inside And Outside					
	Explanation	on : CCTV Surveillance Can	ieras				

Mechanical	Current Repair	Current Repair Future Replacem			Maintenance			
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating								
Energy Source								
Natural Gas	100%	2039	* *	1				
Conversion Equipment								
Hot Water Boiler	100%	2034	* *	1	\$8,100			
	Other Observation, Extent : Light, Are	ea Affected	: 100%					
	Location: Basement Boiler Room							
	Explanation: 1 Unit							
Distribution								
Hot Wtr Piping/Pump	100%	2037	* *	4	\$800			
Terminal Devices								
Convector/Radiator	100%	2027	\$89,000	1	\$5,300			
Air Conditioning								
Energy Source								
Electricity	100%	2037	* *	1				
Conversion Equipment								
Interior Pkg Unit -	100%	2023	\$621,700	2	\$1,000			
Cooling								
	R-22 Refrigerant, Extent : Light, Area Location : 2 Units In Basement	ı Affected :	100%					

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.

Asset #: 13233

Mechanical		Current Repair F		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Ventilation								
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$9,100		
Exhaust Fans								
Interior	100%		2024	\$59,200	2	\$500		
Plumbing								
H/C Water Piping								
Brass/Copper	100%		2039	* *	1			
Water Heater								
Electric	100%		2028	\$14,600	4	\$100		
	Recent Rep	lace Evident, Extent : Light,	Area Aff	ected : 100%				
	Location .	: Boiler Room						
Sanitary Piping								
Cast Iron	100%		LIFE	* *	1			
Sump Pump(s)								
Non-Submersible	100%	0-2 \$2,500	2039	* *	4	\$300		
		ed Life, Extent : Moderate, A	rea Affec	eted : 100%				
	Location .	: Basement						
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%		LIFE	* *				
	Other Obse	rvation, Extent : Light, Area	Affected	! : 100%				
	Location .	: Basement To 2nd Floor						
	Explanati	on : 1 Unit						

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : BAY RIDGE BRANCH LIBRARY

Address : 7223 RIDGE BOULEVARD @73RD STREET

Borough : BROOKLYN Agency's Number : 28

Area Sq Ft : 16,506 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 21-Sep-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5907 Lot : 1 BIN : 3147279

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$118,000	
Mechanical		\$224,500
Total	\$118,000	\$224,500
Importance Code A	\$118,000	
Importance Code B		\$224,500
Total	\$118,000	\$224,500

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$29,100		\$4,600	\$4,000
Interior Architecture	\$19,100			\$2,200
Electrical	\$4,700	\$1,400	\$3,400	\$1,900
Mechanical	\$1,800	\$1,600	\$2,400	\$1,800
Site Enclosure	\$1,200			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$59,900	\$7,000	\$14,300	\$13,800
Importance Code A	\$30,000	\$800	\$5,400	\$4,800
Importance Code B	\$24,300	\$6,100	\$8,900	\$9,000
Importance Code C	\$5,600			
Total	\$59,900	\$7,000	\$14,300	\$13,800



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.

Asset #: 13234

chitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
tem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	\$5,100	
Masonry: Brick	70%	0-2	\$9,900	LIFE	**	5	\$15,200	
		ır Miss/Er : Chimney	od, Extent : Model	rate, Ared	a Affected : 25%			
Masonry: Limestone		Now	\$6,400	LIFE	* *	5	\$800	
•			od, Extent : Mode	rate, Ared	a Affected : 10%			
		Pilasters		1.00	1 100/			
	-	air Eviden : Columns	t, Extent : N/A, Ar	ea Affect	ed: 10%			
Metal Panel	5%			2049	* *	5-10	\$7,400	
Window Wall	15%	0-2	\$3,400	2049	* *	5	\$6,100	
	_	eteriorate : Entrance	d, Extent : Modero	ate, Area	Affected : 25%		. ,	
Windows	1000/			2045	ale ale	_	Φ= 000	
Aluminum	100%			2045	* *	5	\$7,900	
Parapets Masonry: Brick	70%	Now	\$45,000	LIFE	* *	5	\$2,400	
Wasoniy. Brick	Cracking/C		Extent : Moderate		ffected : 15%	3	\$2,400	
		ır Miss/Ere : Interior l	od, Extent : Model Face	rate, Ared	a Affected : 20%			
	Spalling, E. Location		derate, Area Affec Face	ted : 25%	ó			
	Water Pene		xtent : Moderate, .	Area Affe	ected : 15%			
Masonry: Limestone		Now	\$1,900	LIFE	* *	5	\$200	
Mason y. Zanestone		ır Miss/Er	od, Extent : Model		a Affected : 25%	3	Ψ200	
Metal Panel	5%			2049	* *	5	\$700	
Metal Rail	20%			2042	* *	5-10	\$12,400	
Roof								
Copper/Terne	5%			2044	* *	10	\$2,200	
Modified Bitumen	93%		\$73,000	2034	**			
		tent : Moa : Over Sec	lerate, Area Affect and Floor	ed : 15%				
			ona 1 1001 derate, Area Affec	tad : 10%	6			
		: Through		ieu . 107	o			
	Seams Open	n/Split, Ex	tent : Moderate, A	rea Affec	cted : 15%			
	Location .		ond Floor	1 160	ected · 5%			
	Vagetation	(Troughth L			cieu . J/0			
	Vegetation Location	Growth, E Through		Агеа Ајје				
Skylight, Metal/Glass	-			2039	* *	10	\$1,200	

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.

Asset #: 13234

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
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	\$4,900	
Ceramic Tile	5%	0-2	\$2,300	2038	* *	5	\$600	
		tar Miss/Er : Toilets	od, Extent : Moder	ate, Areo	a Affected : 10%			
Terrazzo	5%	0-2	\$2,800	LIFE	* *	5	\$900	
		ded, Extent : Entrance	: Moderate, Area .	Affected	: 25%			
Vinyl Tile	80%			2034	* *	3	\$8,900	
Interior Walls								
Ceramic Tile	5%	0-2	\$800	2038	* *	5	\$700	
Concrete Masonry Unit	Broken/Ma Location 10% Broken/Ma Location	Now issing Elem : Basemen	\$1,300 ents, Extent : Mod t xtent : Moderate, A	LIFE erate, Ar	* * ea Affected : 2%	5	\$1,100	
		: Basemen		1.0011990	2,0			
Gypsum Board	60%			LIFE	* *	5	\$9,500	
Masonry: Brick	10%			LIFE	* *	3	Ψ,500	
Plaster	5%	Now	\$2,300	LIFE	* *	5	\$400	
	Location Paint Peel Location Staining/L Location Water Pen	: Main Ro ling, Extent : Main Ro Discoloring, : Main Ro etration, E	Extent: Moderate om 1st And 2nd Flo : Moderate, Area om 1st And 2nd Flo Extent: Moderate om 1st And 2nd Flo extent: Severe, Area om 1st And 2nd Flo om 1st And 2nd Flo	oor Affected oor e, Area A oor a Affecte	: 10% ffected : 5%			
SGFT/Glazed Masonmy			,,,, - ,,		* *			
SGFT/Glazed Masonry	10%			LIFE	* *			

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.

Asset #: 13234

Architecture		Current F	Repair	Futur	e Replacement	M	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Ceilings									
AcousTileSusp.Lay-In	25%			2046	* *	5	\$5,600		
			Extent : Light, Ar om 1st And 2nd Fl		ed : 5%				
Exposed Concrete	10%			LIFE	* *	5	\$300		
Gypsum Board	60%	Now	\$7,300	LIFE	* *	5	\$16,700		
			, Extent : Moderai nd Basement	e, Area A	Affected : 10%				
	Water Pen	etration, E	xtent : Moderate, 2	Area Affe	ected : 25%				
	Location	: Toilets A	nd Basement						
Plaster	5%			LIFE	* *	5	\$700		
		-	, Extent : Moderai nd Basement	e, Area A	Affected : 5%				
			na Basemeni xtent : Moderate, 1	Area Affa	ected : 10%				
			nd Basement	пец Ајје	ciea . 1070				
Site Enclosure									
Fence/Gates									
Iron Picket	100%			2064	* *				
Free Standing Walls									
Masonry: Brick	100%	Now	\$1,200	2049	* *				
·		ssing Elem : Rear Gai		erate, Ar	ea Affected : 10%				
	Impact Da	mage, Exte	nt : Moderate, Are	ea Affecte	ed : 10%				
		: Rear Gai							
Retaining Walls									
Cast in Place Concrete	100%			2064	* *				
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	90%			2046	* *				
Pavers/Stone	10%			2042	* *				
On-Site Walkways									
Cast in Place Concrete	80%			2042	* *				
Pavers/Stone	20%			2038	* *				
Parking/Driveway									
Asphalt	85%			2038	* *				
Cast in Place Concrete	15%			2042	* *				

Current Repair	Future Replacement	N	laintenance	
% of Fail Date Estimated Cos Total (Years)	Year Estimated Cos FY	t Cycle (Yrs)	Estimated Cost	Priority
100%	2049 *	* 5	\$100	
100%	2049 *	* 5	\$100	
	% of Fail Date Estimated Cos Total (Years)	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost FY 100% 2049 ***	% of Fail Date Estimated Cost FY Estimated Cost (Yrs) 100% 2049 ** 5	% of Total Fail Date (Years) Estimated Cost FY Year FY Estimated Cost (Yrs) Cycle (Yrs) Estimated Cost (Yrs)

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.

Asset #: 13234

Electrical		Current I	Repair Future Replacement		М	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2049	* *	1		
Panelboards								
Fused Disc Sw	5%			2045	* *	5		
Molded Case Bkrs	90%			2045	* *	5	\$400	
Molded Case Bkrs	5%			2028	\$800	5		
Wiring								
Braided Cloth	10%	2-4	\$3,000	2054	* *	1		
			ent : Moderate, Are	ea Affecte	ed : 100%			
	Location	: Basemen	nt .					
Thermoplastic	90%			2049	* *	1		
Motor Controllers								
Locally Mounted	70%			2042	* *	5	\$100	
Locally Mounted	30%			2027	\$9,800	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
LED	100%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	\$2,000	
Exit, LED	10%			2069	* *	1		
Exit, Service	40%			2034	* *	1		
Exterior Lighting								
LED	100%			2039	* *			
Alarm								
Security System								
No Component	30%							
Generic	70%			2034	* *	1	\$4,300	
			xtent : Light, Area		l : 100%			
			nd Outside The Bui	_				
	Explana	tion : CCT	V Surveillance Can	neras				
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *	1-3	\$10,500	

Mechanical	Current	Repair Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		

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.

Asset #: 13234

Mechanical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Furnace	60%	2029	\$23,700	1	\$4,900	
	Other Observation, Extent: Location: Roof Explanation: 3 Package U		50%			
Hot Water Boiler	40% Other Observation, Extent: Location: Basement Boiler Explanation: 1 Unit		**	1	\$3,300	
Distribution Hot Wtr Piping/Pump No Component	40% 60%	2037	* *	4	\$300	
Terminal Devices Convector/Radiator No Component	40% 60%	2042	* *	1	\$2,100	
Air Conditioning Energy Source Electricity	100%	2037	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	90%	2029	\$188,700	2	\$900	
Split Unit	R-22 Refrigerant, Extent: La Location: Roof Other Observation, Extent: Location: Roof Explanation: 3 Package U 10% R-22 Refrigerant, Extent: La Location: 1 Unit In Roof	Light, Area Affected : 9 Inits 2029	\$35,800			
Terminal Devices Fan Coil - 2 Pipe No Component	10% 90%	2029	\$31,900	1	\$500	
Heat Rejection Dry Cooler No Component	10% 90%	2029	\$9,100	2	\$1,200	
Ventilation Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$9,200	
Exhaust Fans Roof	100%	2029	\$27,800	2	\$500	
Plumbing H/C Water Piping Brass/Copper	100%	2039	* *	1		
Water Heater Gas Fired Sanitary Piping	100%	2027	\$10,200	2	\$200	
Cast Iron	100%	LIFE	* *	1		

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.

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BROOKLYN PUBLIC LIBRARY - 038 BAY RIDGE BRANCH LIBRARY

Asset #: 13234

Mechanical	Current Repair	r Future Rep	olacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year Esti FY		Cycle (Yrs)	Estimated Cost	Priority
Plumbing			·			
Storm Drain Piping						
Cast Iron	100% Now	\$700 LIFE	* *	1		
	Blockage /Clogged, Extent .	: Severe, Area Affected : 5	%			
	Location : Toilet Water B	acks Up In 1st Floor Bathr	ooms When It	Rains.		
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
-	Other Observation, Extent :	: Light, Area Affected : 100	1%			
	Location: Basement To 2	nd Floor				
	Explanation: One Unit G	Goes Down Almost Every M	onth.			

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

Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : BEDFORD BRANCH LIBRARY

Address : 496 FRANKLIN AVE. @HANCOCK ST.

Borough : BROOKLYN Agency's Number : 22

Area Sq Ft : 17,184 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 24-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,mez

Block : 1997 Lot : 32 BIN : 3057384

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$219,500	\$38,300
Interior Architecture	\$41,300	
Mechanical		\$426,900
Total	\$260,700	\$465,200
Importance Code A	\$219,500	\$38,300
Importance Code B	\$41,300	\$426,900
Total	\$260,700	\$465,200

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$77,100		\$700	
Interior Architecture	\$37,900	\$1,600		\$77,600
Electrical	\$9,700	\$500	\$18,800	\$800
Mechanical	\$30,100	\$2,200	\$3,200	\$2,200
Site Enclosure	\$4,800			
Site Pavements	\$1,100			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$164,500	\$8,200	\$26,600	\$84,400
Importance Code A	\$77,900	\$900	\$1,800	\$900
Importance Code B	\$62,400	\$6,300	\$24,800	\$83,600
Importance Code C	\$24,200	\$1,000		
Total	\$164,500	\$8,200	\$26,600	\$84,400



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.

Asset #: 13235

rchitecture	Current Repa	r	Future	Replacement	M	Maintenance		
ystem Component Type	% of Fail Date Esti Total (Years)	mated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior								
Exterior Walls Cast Stone/Terra Cotta	15% Now Cracking/Crumbling, Exte	nt : Moderate, A		* * ected : 20%	5	\$38,300		
	Crazing, Extent : Moderat Location : Chimney Joint Mortar Miss/Erod, E Location : Chimney			Affected : 25%				
Masonry: Brick	85% Now Cracking/Crumbling, Exte Location: Throughout Joint Mortar Miss/Erod, E	nt : Moderate, A			5	\$27,800		
	Location: Throughout Spalling, Extent: Light, A. Location: Throughout			igjeeiea . 2070				
Windows	1000/ 31	Ф21 500	2027	* *	-	φ1. 7 00		
Aluminum	100% Now Corrosion/Rusting, Extent Location: Throughout Hardware Missing, Extent	: Moderate, Are		ted : 50%	5	\$1,700		
	Location: Throughout Caulking Deteriorated, Ex							
	Location: Throughout Unit Inoperable, Extent: I	Moderate, Area	Affectea	! : 20%				
	Location: Throughout Water Penetration, Extent Location: Basement	: Moderate, Are	ea Affec	ted : 5%				
Parapets Cast Stone/Terra Cotta	10% Now Joint Mortar Miss/Erod, E Location : Coping Caulking Deteriorated, Ex	xtent : Moderat			5	\$2,800		
	Location : Coping							
Masonry: Brick	80% Now Joint Mortar Miss/Erod, E Location: Throughout In Water Penetration, Extent Location: Over Classroo	xtent : Moderat nterior Face : Moderate, Are			5	\$2,900		
Metal Panel	10%		2049	* *	5	\$1,400		

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.

Asset #: 13235

Architecture		Current Re	epair	Futur	re Replacement	Maintenance		
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof	250/			2022	* *	10	ф 7 00	
Asphalt Shingle Single Ply Membrane	25%	Now	\$21,400	2032 2034	* *	10	\$700	
Single Fly Memorane			\$21,400 at : Moderate, Are					
		: Throughor		a Hyjeen	ca . 570			
		_	ent : Moderate, A	rea Affec	eted : 30%			
		: Throughor						
		Growth, Ex	tent : Moderate,	Area Aff	ected : 2%			
		etration, Ext	tent : Moderate, A Floor	Area Affe	ected : 5%			
Soffits					ate -	_		
Cast in Place Concrete	100%			LIFE	* *	5		
nterior Floors								
Carpet	23%			2025	\$73,100	3	\$10,600	
Cast in Place Concrete	5%			LIFE	**	5	\$2,500	
Ceramic Tile	5%			2038	* *	5	\$1,100	
Marble Panels	2%			LIFE	* *	5	\$300	
Vinyl Tile	65%	Now	\$41,300	2034	* *	3	\$5,600	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5% Location : Throughout							
	_	Crumbling, 1 : First Floo	Extent : Light, Ar r	ea Affect	ed : 15%			
			Aoderate, Area A r And Mezzanine	-	30%			
Interior Walls				2625		_	**	
Ceramic Tile	5%	NT.	¢1.000	2038	* *	5	\$2,100	
Concrete Masonry Unit	2%		\$1,000 nts, Extent : Seve	LIFE		5	\$300	
		-	nis, Exieni . seve al Room Near Au					
Gypsum Board	40%			LIFE	* *	5	\$10,000	
Masonry: Brick	5%			LIFE	* *			
		issing Eleme : At Areawa		erate, Ar	rea Affected : 5%			
			tent : Moderate, A on Wall At Boiler					
Plaster	48%	Now	\$17,400	LIFE	* *	5	\$6,000	
			tent : Severe, Are	a Affecte	ed : 25%			
	Location	: Throughor	ut Basement					

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.

Asset #: 13235

Architecture	Current F	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings	-0/			de de	_	44.400	
AcousTileSusp.Lay-In	5%	F	2042	**	5	\$1,100	
	Staining/Discoloring, Location : Through	-	ea Affecte	d : 2%			
Gypsum Board	45%		LIFE	* *	5	\$12,900	
Plaster	50% Now	\$16,300	LIFE	* *	5	\$7,200	
	Horizontal Cracks, E. Location : Classroo		Area Affec	ted : 5%			
	Staining/Discoloring,	Extent: Moderate	e, Area Aff	fected : 5%			
	Location : Through	out					
	Water Penetration, E.	xtent : Moderate, 2	Area Affec	ted : 20%			
	Location: Mezzanii	ne, 2nd Floor Clas	srooms 2 2	4nd 4			
Site Enclosure							
Fence/Gates							
Chain Link	50%		2049	* *			
Iron Picket	50% 0-2	\$4,800	2049	* *			
	Corrosion/Rusting, E. Location : Through		Area Affec	ted : 10%			
	Deteriorated Finish, Location: Through	Extent : Moderate,	Area Affe	ected : 25%			
Retaining Walls							
Cast in Place Concrete	25%		2049	* *			
Masonry: Brick	75%		2039	* *			
Site Pavements Public Sidewalk							
Cast in Place Concrete	100%		2042	* *			
On-Site Walkways							
Cast in Place Concrete	70%		2042	* *			
Masonry: Granite	25% 4+	\$1,100	LIFE	* *			
	Joint Mortar Miss/Er Location : Main En		rate, Area	Affected : 15%			
Pavers/Stone	5%		2038	* *			
Parking/Driveway							
Cast in Place Concrete	100%		2042	* *			
	Cracking/Crumbling, Location : South Sid	-	ea Affected	d : 2%			
Activity Yard							
Cast in Place Concrete	75%		2042	* *			
Pavers/Stone	25%		2038	* *			

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

Under 600 Volts

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.

Asset #: 13235

Electrical		Current Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts								
Service Equipment Molded Case Bkrs	100%		2049	* *	5	\$500		
Moided Case Bkrs		ervation, Extent : Light, Area			3	\$300		
		: Basement	11,,, сетей	. 100/0				
	Explanat	ion : One 600 Amperes Main	Disconn	ect Switch				
Switchgear / Switchboard	-	-					_	
Molded Case Bkrs	100%		2049	* *	5	\$500		
Raceway								
Conduit	70%		2049	**	1			
Conduit	30%		2029	\$10,200	1			
Panelboards Fused Disc Sw	5%		2045	* *	5			
Molded Case Bkrs	85%		2045	* *	5	\$400		
Molded Case Bkrs	10%		2028	\$1,600	5	\$ + 00		
Wiring	1070		2020	ψ1,000				
Braided Cloth	30%	2-4 \$9,000	2054	* *	1			
	Insulation	Aged, Extent : Moderate, Are	a Affecte	ed : 100%				
	Location	: Throughout The Building						
Thermoplastic	70%		2049	* *	1			
Motor Controllers							-	
Locally Mounted	100%		2042	* *	5	\$100		
Ground								
Grounding Devices	1000/			* *	_	#200		
Generic	100%		LIFE	* *	5	\$300		
Lighting Interior Lighting								
Fluorescent	60%		2034	* *	10	\$9,500		
Tuorescent		ervation, Extent : Light, Area		: 100%	10	Ψ,500		
		Location: Throughout The Building						
	Explanat	ion: T-8 Lamps						
Fluorescent	40%		2034	* *	10	\$6,300		
	T-5 Lamps	And Fixtures, Extent : Light,	Area Aff	fected : 100%				
	Location	: Throughout The Building						
Egress Lighting								
Emergency, Battery	50%		2034	* *	10	\$2,100		
Exit, LED	30%		2057	* *	1			
Exit, Service	20%		2034	* *	1			
Exterior Lighting HID	100%		2034	* *	10	\$100		
Alarm	10070		2034		10	\$100		
Security System								
No Component	70%							
Generic	30%		2034	* *	1	\$1,900		
Fire/Smoke Detection						-		
No Component	70%							
Generic, Digital	30%		2034	* *	1-3	\$3,300		

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.

Asset #: 13235

Mechanical		Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source	1000/			2040	* *	1		
Natural Gas Conversion Equipment	100%			2049		1		
Hot Water Boiler	100%			2042	* *	1	\$8,500	
That water Baner		ervation, E	Extent : Light, Area		: 100%	•	ψο,200	
	Location	: Sub-base	ement					
	Explanat	ion : One	Unit					
Distribution								
Hot Wtr Piping/Pump	100%	0-2	\$1,400	2045	* *	4	\$800	
		: Through	loderate, Area Affe	ctea : 5%	9			
		_	oui Extent : Moderate,	Area Afi	Sected · 20%			
		: Boiler R		111 ca 11jj	2070			
			Extent : Moderate,	Area Aff	ected : 30%			
	Location	: Not Eno	ugh Heat On 2nd F	loor				
Terminal Devices								
Air Handler	30%			2029	\$73,600	1	\$3,200	
Convector/Radiator	70%			2042	* *	1	\$3,900	
Air Conditioning								
Energy Source Electricity	100%			2045	* *	1		
Conversion Equipment	10070			2013				
Interior Pkg Unit - Cooling	25%	0-2	\$8,200	2027	\$163,000	2	\$200	
Ç	R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : AC Room							
	Other Observation, Extent : Moderate, Area Affected : 100% Location : AC Room							
			icient Units. 3 Port	able Unit	s Being Used In M	lain Floo		
Exterior Pkg Unit - Cooling	60%	0-2	\$4,200	2029	\$84,700	2	\$500	
	Location	: Roof - 2						
			Extent : Moderate, 2	4rea Affe	cted : 100%			
	Location	-						
		tion : Ineffi	cient Units	2022	*			
Split Unit	15%	count F	tout Links A	2029	\$55,800			
	K-22 Kejri Location		tent : Light, Area A	ујестеа :	10070			
Terminal Devices	200411011	. 1100)						
Fan Coil - 2 Pipe	15%			2029	\$49,800	1	\$800	
No Component	85%			-	,- ,-		* *	
Heat Rejection								
Air Cooled Condenser	15%			2029	\$5,300	2	\$1,800	
Unit	0.50/							
No Component Ventilation	85%							

Ventilation

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.

Asset #: 13235

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance		
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	\$9,600		
Exhaust Fans									
Interior	40%			2029	\$24,800	2	\$200		
Roof	60%			2029	\$17,400	2	\$300		
Plumbing H/C Water Piping									
Brass/Copper	70%			2039	* *	1			
Galvanized Steel	30%	0-2	\$1,100	2027	\$23,000	1			
	Corroded,	Extent: M	oderate, Area Affe	cted : 10	9%				
	Location	: Basemen	t Lunch Room						
Water Heater									
Gas Fired	100%			2027	\$10,600	2	\$300		
Sanitary Piping									
Cast Iron	100%	Now	\$12,800	LIFE	* *	1			
			Extent : Severe, Are	a Affecte	ed : 20%				
			Avenue Side						
	Explana	tion : Wate	r Backs Up Into Ba	sement l	Restroom, Boiler R	oom And	Auditorium		
Storm Drain Piping									
Cast Iron	100%			LIFE	* *	1			
Sump Pump(s)									
Submersible	100%			2022	\$600	4	\$500		
Fixtures									
Generic	100%								
Vertical Transport									
Elevators									
Hydraulic	100%			LIFE	* *				
	Other Observation, Extent : Light, Area Affected : 100% Location : Basement To 2nd Floor								
	Explana	tion : One	Unit						

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.

Page: 20

Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : BOROUGH PARK BRANCH LIBRARY

Address : 1265 43RD ST. @13TH AVENUE

Borough : BROOKLYN Agency's Number : 25

Area Sq Ft : 19,594 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 21-Sep-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5598 Lot : 48 BIN : 3135907

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$270,000	
Interior Architecture		\$212,900
Electrical	\$164,200	\$88,200
Mechanical	\$277,300	\$145,200
Total	\$711,400	\$446,200
Importance Code A	\$270,000	\$92,000
Importance Code B	\$441,400	\$354,200
Total	\$711,400	\$446,200

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$26,000			
Interior Architecture	\$44,800	\$1,800	\$500	\$2,900
Electrical	\$8,300	\$1,900	\$6,600	\$2,200
Mechanical	\$32,700	\$1,600	\$55,200	\$1,900
Site Pavements	\$2,300			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$118,000	\$9,200	\$66,300	\$10,900
Importance Code A	\$45,000	\$1,000	\$1,000	\$1,000
Importance Code B	\$60,000	\$7,200	\$65,300	\$10,000
Importance Code C	\$12,900	\$1,100		
Total	\$118,000	\$9,200	\$66,300	\$10,900



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.

Asset #: 13236

rchitecture	chitecture Current Repair Future Replace		ure Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estin Total (Years)	nated Cost Yea FY	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior						
Exterior Walls						
Masonry: Brick	94% Now	\$86,300 LIFI		5	\$26,400	
	Diagonal Cracks, Extent : M Location : Bulkhead Stair		ected : 5%			
	Joint Mortar Miss/Erod, Ex. Location : Throughout	tent : Moderate, Ai	rea Affected : 15%			
	Water Penetration, Extent : Location : Bulkhead Stair		fected : 5%			
	Other Observation, Extent :	Moderate, Area A	ffected : 10%			
	Location : East Side And I	-	<i>y</i>			
	Explanation : Tarps To Pr	event Water Infiltr	ation			
Masonry: Granite	3% 2-4	\$5,400 LIFI		5	\$600	
mason y. Granic	Joint Mortar Miss/Erod, Ex. Location : Front Facade			J	φοσο	
Masonry: Limestone	3%	LIFI	<u>**</u>	5	\$600	
Windows						
Aluminum	100% Now Unit Inoperable, Extent: M Location: Front Facade Water Penetration, Extent:		cted : 2%	5	\$1,900	
	Location : North Side					
Parapets				_		
Masonry: Brick	95% Now Joint Mortar Miss/Erod, Ex. Location: South Facade Spalling, Extent: Moderate Location: Interior Face	, Area Affected : 20	rea Affected : 25%	5	\$2,900	
	Water Penetration, Extent:	Moderate, Area Aj	ffected : 10%			
	Location : Above Second I					
	Other Observation, Extent : Location : Throughout					
	Explanation: Covered Wi					
Masonry: Limestone	5% Now	\$3,400 LIFI		5	\$200	
	Joint Mortar Miss/Erod, Ex	tent : Moderate, Ai	rea Affected : 10%			
	Location : Throughout					
	Other Observation, Extent:	Moderate, Area Ą	ffected : 25%			
	Location : Throughout					
	Explanation : Covered Wi	th Tarp To Prevent	t Water Infiltration			

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.

Asset #: 13236

Architecture		Current l	Repair	Future	Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior									
Roof	050/	NT	¢120 100	2024	* *				
Built-Up (BUR)		Now	\$130,100 Moderate, Area A	2034					
	_	ig, Extent . : Through		уестей. 2	.570				
		_	tent : Moderate, A	rea Affect	ed : 5%				
		: Through		33					
	Ponding, I	_	oderate, Area Affec	ted : 5%					
		_	xtent : Moderate, 2	Area Affea	eted · 5%				
			shing Around Stair		ica . 570				
Skylight, Metal/Glass	5%			2049	* *	10	\$3,100		
Soffits									
Cement-Fiber Panel	100%			2029		10			
terior									
Floors Cast in Place Concrete	5%			LIFE	* *	5	\$2,000		
Cast in Place Concrete Ceramic Tile	5% 5%			2038	* *	5 5	\$3,000 \$1,400		
Terrazzo	5%			LIFE	* *	5	\$1,400		
Vinyl Tile	83%	0-2	\$21,300	2029	\$212,900	3	\$8,700		
vinyr riic			Extent : Moderate			3	\$6,700		
	_	Location: Throughout							
	Patching Evident, Extent : Moderate, Area Affected : 10%								
	_	: Through		33					
Wood	2%			2044	* *	5	\$1,000		
Interior Walls							•		
Ceramic Tile	5%			2038	* *	5	\$2,100		
Concrete Masonry Unit	5%			LIFE	* *	5	\$800		
Glass: Single Pane	2%			LIFE	* *	5	\$600		
Gypsum Board	50%	Now	\$1,900	LIFE	* *	5	\$12,700		
		_	t : Moderate, Area nd Basement	Affected :	10%				
			xtent : Moderate, A nd Basement	Area Affec	eted : 10%				
Masonry: Brick	5%	0-2	\$1,800	LIFE	* *				
,			: Moderate, Area		5%				
	Water Penetration, Extent: Moderate, Area Affected: 5%								
	Location		,	33					
Marble Panels	3%			LIFE	* *				
Plaster		Now	\$9,200	LIFE	* *	5	\$3,200		
1 145001	Cracking/		Extent : Moderate		fected : 10%	5	ψ3,200		
	Water Pen		xtent : Severe, Are	a Affectea	l : 25%				
Wasi		. siajj sta	ur	Libb	* *		\$0.500		
Wood	5%			LIFE	·r ·r	5	\$8,500		

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.

Asset #: 13236

Architecture	Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings AcousTileSusp.Lay-In	10% Now Staining/Discoloring, Location: Basemen Water Penetration, E.	t xtent : Moderate, 2	·		5	\$1,400	
	Location : Basemen	nt .					
Exposed Concrete Gypsum Board	10% 65% 0-2 Water Penetration, E. Location : Assembly	-	LIFE LIFE Affected	** ** : 2%	5 5	\$400 \$23,100	
Plaster	15% Now Cracking/Crumbling, Location: Staff Stat Water Penetration, E. Location: Staff Stat	ir xtent : Moderate, 2			5	\$2,700	
Site Enclosure							
Fence/Gates Iron Picket	100% Deteriorated Finish, Location : Through	-	2049 a Affecte	* * d : 5%			
Free Standing Walls							
Masonry: Brick	100%		2049	* *			
Retaining Walls Cast in Place Concrete	100%		2064	* *			
Site Pavements Public Sidewalk Cast in Place Concrete	100% 4+ Cracking/Crumbling, Location : Through		2042 s, Area Aj	* * ffected : 5%			
On-Site Walkways Cast in Place Concrete	100%		2042	* *			
Parking/Driveway Cast in Place Concrete	100%		2042	* *			

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	Fail Date Estimated Cost (Years)	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.

Asset #: 13236

Electrical		Current Repair	Futu	re Replacement	M	aintenance			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts									
Service Equipment									
Fused Disc Sw	90%		2029	\$1,400	5	\$100			
	Location Explana Conditio	ervation, Extent : Light, Area : Electrical Room tion : Two 400 Amperes Main ning	Disconn	nect Switches For B		And Air			
Fused Disc Sw	10%		2029	\$200	5				
	Other Observation, Extent : Light, Area Affected : 100% Location : Electrical Room Explanation : One 200 Amperes Main Disconnect Switch For Emergency								
Switchgear / Switchboard	Ехрійни	non . One 200 Amperes Main	Disconn	ieci Swiich For Em	ergency				
Molded Case Bkrs	100%		2029	\$35,000	5	\$500			
Raceway	400/			ate ate					
Conduit	10%		2055	**	1				
Conduit	90%		2029	\$30,600	1				
Panelboards	/			****	_				
Fused Disc Sw	5%		2028	\$800	5	*			
Molded Case Bkrs	75%		2051	**	5	\$400			
Molded Case Bkrs	20%		2028	\$3,200	5	\$100			
Wiring Braided Cloth		2-4 \$6,000 Aged, Extent : Moderate, Are : Mechanical Room	2054 ea Affecte	* * ed : 100%	1				
mi i i		. Weenumeur Room	2020	Φ					
Thermoplastic	20%		2029	\$6,000 * *	1				
Thermoplastic	60%		2055	7- 7-	1				
Motor Controllers	1000/		2027	¢22.700	-	Ф100			
Locally Mounted	100%		2027	\$32,700	5	\$100			
Grounding Devices						***			
Generic	100%		LIFE	* *	5	\$300			
Lighting Interior Lighting Fluorescent	-	os And Fixtures, Extent : Ligh : Basement	2024 t, Area A	\$31,900 Affected : 100%	10	\$2,700			
Fluorescent	25%		2029	\$53,100	10	\$4,500			
Tuolescent	T-8 Lamps	And Fixtures, Extent: Light, : Throughout The Building			10	φ 1 ,300			
LED	60%		2039	* *					
Egress Lighting									
Emergency, Battery	50%		2029	\$14,300	10	\$2,400			
Exit, Service	50%		2029	\$1,500	1	<i>\$</i> - , 0			
Exterior Lighting Fluorescent	100%		2024	\$68,000	10	\$1,800			

Alarm

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.

Asset #: 13236

Electrical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm						
Security System						
Generic	100%	2024	\$64,200	1	\$7,300	
	Other Observation, Extent : Light, Area	a Affected : 1	100%			
	Location: Throughout The Building					
	Explanation: Intrusion Alarm Only, I	Motion Sens	rors			
Fire/Smoke Detection						
Generic, Digital	100%	2034	* *	1-3	\$12,400	

l echanical	Current Repair	Future	Replacement	М	aintenance			
ystem Component Type	% of Fail Date Estimated Total (Years)	l Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit		
eating								
Energy Source								
Natural Gas	100%	2039	* *	1				
Conversion Equipment								
Furnace	20%	2034	* *	1	\$1,900			
	Other Observation, Extent : Light, Area Affected : 20%							
	Location: Roof							
	Explanation: One Rooftop Pag	ckage Unit						
Furnace	20% 0-2	\$500 2029	\$9,400	1	\$1,700			
	Not Energy Efficient, Extent : M. Location : Roof	oderate, Area Afj			. ,			
	Other Observation, Extent : Ligh	nt. Area Affected	: 20%					
	Location: Roof	, 33						
	Explanation : One Rooftop Pag	ckage Unit						
Hot Water Boiler		3,400 2027	\$92,000	1	\$5,200			
That Water Baller	Corroded, Extent : Severe, Area	*	Ψ)2,000	1	ψ3,200			
	Location: Basement Boiler Room							
	Other Observation, Extent: Light, Area Affected: 60%							
	Location : Basement Boiler Ro	**	. 0070					
	Explanation: 1 Unit	om						
Distribution	Бърганиион . 1 Опи							
Hot Wtr Piping/Pump	60%	2037	* *	4	\$600			
No Component	40%	2037		7	\$000			
Terminal Devices	7070							
Convector/Radiator	50%	2027	\$53,200	1	\$3,200			
Fan Coil Unit/Heat	10%	2027	\$29,800	1	\$5,200 \$600			
No Component	40%	2024	\$49,000	1	\$000			
	4070							
r Conditioning								
Energy Source Electricity	100%	2037	* *	1				
Electricity	10070	2037		1				

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.

Asset #: 13236

Mechanical	Current Repair Future Replacement			M			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment							
Int Pkg Unit - Heating/Cooling	20%		2023	\$84,600	2	\$200	
	R-22 Refrigerant, Ext Location : 1 Unit Bo			20%			
Ext Pkg Unit - Heating/Cooling	40% 0-2	\$5,000	2024	\$99,600	2	\$400	
	R-22 Refrigerant, Ext		ffected :	40%			
	Location: 1 Unit Of	-	1 100	. 1 . 400/			
	Other Observation, E. Location: Roof	xtent : Moderate, 2	Area Affe	ected: 40%			
	Explanation: Not E	narov Efficient					
Ext Pkg Unit -	40%	негду Бујистен	2034	* *	2	\$500	
Heating/Cooling	4070		2034		2	\$300	
Treating/Cooling	Other Observation, E.	xtent : Light, Area	Affected	! : 40%			
	Location: Roof	3 /	55				
	Explanation: 1 Roo	ftop Package Unit	, R-410a				
Terminal Devices							
Fan Coil - 4 Pipe	20%		2024	\$93,100	1	\$1,300	
No Component	80%						
Heat Rejection	200/		2024	#21 (00	2	Φ2. 700	
Dry Cooler	20% 80%		2024	\$21,600	2	\$2,700	
No Component Ventilation	8070						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,900	
Exhaust Fans						* - 2/2 - 2	
Interior	20%		2029	\$14,100	2	\$100	
Roof	80%		2034	* *	2	\$500	
lumbing							
H/C Water Piping	1000/	.	0000	ai. •			
Brass/Copper	100% Now	\$7,400	2039	* *	1		
	Leak Evident, Extent . Location : Cold Wat				ork Door	,	
	Other Observation, E.	-		-	лк коот	ι.	
	Location : 2nd Floo		лгеи Ајје	CIEU . 20/0			
	Explanation: There Floor.	Is No Hot Water	At Circul	ation Pump, Causi	ing No H	ot Water On Top	
Water Heater	1000/		2025	Ø1 2 100	2	Φ200	
Gas Fired	100%		2027	\$12,100	2	\$300	
Sanitary Piping Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	1000/		LIEE	رقد والع			
Cast Iron	100%		LIFE	* *	1		
Fixtures	1009/						
Generic Vertical Transport	100%						

Vertical Transport

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.

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BROOKLYN PUBLIC LIBRARY - 038 BOROUGH PARK BRANCH LIBRARY

Asset #: 13236

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

Vertical Transport

Elevators

Hydraulic 100% LIFE **

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

Location: Basement To 2nd Floor

Explanation: 1 Unit Goes Down Very Often.

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

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : BRIGHTON BEACH BRANCH LIBRARY

Address : 16 BRIGHTON FIRST ROAD @BRIGHTON BEACH AVE.

Borough : BROOKLYN Agency's Number : 24

Area Sq Ft : 12,166 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 27-Oct-2017 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 8680 Lot : 32 BIN : 3245028

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$9,300		\$33,500	\$900
Interior Architecture	\$8,200			\$2,000
Electrical	\$500	\$300	\$500	\$400
Mechanical	\$1,300	\$1,900	\$2,200	\$1,600
Total	\$19,400	\$2,200	\$36,200	\$5,000
Importance Code A	\$9,900	\$600	\$34,100	\$1,500
Importance Code B	\$9,400	\$1,600	\$2,200	\$3,400
Importance Code C				
Total	\$19,400	\$2,200	\$36,200	\$5,000



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.

Asset #: 13237

Architecture	Current Repair		Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	• • •			an e	_	** * * * *	
Glass Block	2%		LIFE	* *	5	\$300	
Masonry: Brick	98%		LIFE	* *	5	\$21,100	
Windows Aluminum	100%		2045	* *	5	\$1,800	
Parapets	10070		2043		3	\$1,800	
Cast Stone/Terra Cotta	10%		LIFE	* *	5	\$2,900	
Cast Stone, 1 on a Cotta		place Evident, Extent : Light,		ected : 100%	2	Ψ2,>00	
	Location		55				
Concrete Masonry Unit	90%	·	LIFE	* *	5	\$3,900	
Roof	,,,,					\$2,500	
Single Ply Membrane	98%		2034	* *	10	\$33,400	
	Recent Re	place Evident, Extent : Light,	Area Aff	ected : 100%		-	
	Location	a : Roof					
Skylight, Metal/Glass	2%		2049	* *	10	\$2,300	
Soffits							
Exposed Struc: Steel	98%	. ,	LIFE	* *	5	\$2,900	
		/Rusting, Extent : Moderate, .		ected : 50%			
	Location	ı : Window Lintels And Relief	Angles				
Stucco Cement	2%		2034	* *	5		
Interior							
Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$2,000	
Quarry Tile	5%		2042	* *	5	\$1,400	
Vinyl Tile	90%		2034	* *	3	\$8,200	
Interior Walls	100/		LIEE	* *	5	\$600	
Concrete Masonry Unit Glass: Single Pane	10% 5%		LIFE LIFE	* *	5 5	\$600 \$500	
Glass: Single Pane Glazed Ceramic Panel	5% 5%		LIFE	* *	3	\$300	
Gypsum Board	80%		LIFE	* *	5	\$6,600	
Ceilings	0070		LII L			ψ0,000	
AcousTileSusp.Lay-In	60%		2042	* *	5	\$10,900	
Gypsum Board	40%		LIFE	* *	5	\$9,100	
Site Enclosure						· · · · · · · · · · · · · · · · · · ·	
Fence/Gates							
Iron Picket	100%		2064	* *			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2042	* *			
Parking/Driveway	. دخد و			a. •			
Asphalt	100%		2038	* *			
Activity Yard	10007		2020	* *			
Pavers/Stone	100%		2038	* *			

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.

Asset #: 13237

Electrical	Current Repair	Future Repla	acement	M		
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2039	* *	5	\$100	
	Other Observation, Extent : Lig	ght, Area Affected : 100%	ó .			
	Location: Electrical Room		4. 400 4			
G'4 1 / G'4 11 1	Explanation : Main Service D	isconnect Switch Rated 2	4t 400 Amp	eres		
Switchgear / Switchboard Molded Case Bkrs	1000/	2020	* *	_	\$200	
Molded Case Bkrs	100% Other Observation, Extent : Lig	2039		5	\$300	
	Location : Electrical Room	mi, Areu Ajjecieu . 1007	o			
	Explanation: 1- Vertical Sect	ion				
Raceway	Explanation . 1 Vertical Section	1011				
Conduit	80%	2039	* *	1		
Conduit	20%	2055	* *	1		
Panelboards						
Fused Disc Sw	10%	2051	* *	5		
Molded Case Bkrs	80%	2037	* *	5	\$300	
Molded Case Bkrs	10%	2051	* *	5	•	
Wiring						
Thermoplastic	80%	2039	* *	1		
Thermoplastic	20%	2055	* *	1		
Motor Controllers						
Locally Mounted	50%	2034	* *	5		
Variable Frequency	50%	2046	* *			
Drive						
Ground						
Grounding Devices	1000/					
Not Accessible	100%					
Lighting						
Interior Lighting	1000/	2027	* *			
LED	100% Other Observation, Extent : Lig	2037				
	Location: Throughout The Bi		o			
	Explanation : LED Light Fixt	O .				
Egress Lighting	Explanation : EED Eight I in	ur es				
Emergency, Battery	50%	2037	* *	10	\$1,500	
Exit, Service	50%	2037	* *	1	Ψ1,000	
Exterior Lighting						
LED	30%	2037	* *			
No Component	70%					
Alarm						
Security System						
No Component	70%					
Generic	30%	2037	* *	1	\$1,400	
	Other Observation, Extent : Lig		ó			
	Location : Inside And Outside					
	Explanation: CCTV Surveilla	ince Cameras				

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.

Asset #: 13237

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Alarm				
Fire/Smoke Detection				
No Component	70%			
Generic, Digital	30%	2037 **	1-3 \$2,300	
	Other Observation, Extent : Light, Are	a Affected : 100%		
	Location : Mechanical Room And Re	eading Areas		
	Explanation : Duct Smoke Detectors,	Bells And Horns		

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	•						
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2046	* *	1	\$6,000	
	Other Obs	ervation, Extent : Light, Area	Affected	: 100%			
	Location	: Penthouse Mechanical Roo	m				
	Explanat	tion : Two Gas Fired Hot Wat	er Boiler	S			
Distribution							
Hot Wtr Piping/Pump	100%		2051	* *	4	\$900	
Terminal Devices							
Air Handler	70%		2037	* *	1	\$5,300	
Convector/Radiator	25%		2046	* *	1	\$1,000	
Unit Heater - Steam	5%		2037	* *	4	\$100	
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Int Pkg Unit -	100%		2033	* *	2	\$700	
Heating/Cooling							
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,800	
Exhaust Fans							
Interior	90%		2037	* *	2	\$300	
Roof	10%		2029	\$2,100	2		
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2049	* *	1		
Water Heater							
Gas Fired	100%		2027	\$7,500	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		

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.

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BROOKLYN PUBLIC LIBRARY - 038 BRIGHTON BEACH BRANCH LIBRARY

Asset #: 13237

Mechanical	Current Repair	Future Replacer	ment I	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	d Cost Cycle (Yrs)	Estimated Cost	Priority
Plumbing					
Backflow Preventer					
Generic	100%	2029 \$	3,100 1	\$700	
Fixtures					
Generic	100%				

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : BROOKLYN CENTRAL LIBRARY

Address : 1 GRAND ARMY PLAZA @ FLATBUSH AVE AND EASTERN PKWY

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 350,000 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 03-May-2016 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,3,5,4S

Block : 1183 Lot : 2 BIN : 3029665

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$5,524,900	\$541,300
Interior Architecture	\$1,139,400	\$976,000
Electrical	\$2,498,600	\$3,326,600
Mechanical	\$4,900,900	\$6,414,400
Total	\$14,063,700	\$11,258,300
Importance Code A	\$5,524,900	\$541,300
Importance Code B	\$8,290,700	\$10,117,400
Importance Code C	\$248,200	\$599,600
Total	\$14,063,700	\$11,258,300

Total	\$277,500	\$235,200	\$232,300	\$225,800
Importance Code C				
Importance Code B	\$172,100	\$192,200	\$197,700	\$191,100
Importance Code A	\$105,400	\$43,000	\$34,700	\$34,700
Total	\$277,500	\$235,200	\$232,300	\$225,800
Elevators/Escalators	\$41,300	\$41,300	\$41,300	\$41,300
Mechanical	\$121,600	\$120,500	\$185,800	\$125,700
Electrical	\$43,900	\$13,100	\$5,300	\$12,500
Interior Architecture		\$56,600		\$46,300
Exterior Architecture	\$70,700	\$3,800		
EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025



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 I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior Exterior Walls Bronze/Brass Masonry: Brick Masonry: Granite	2% 5% 5% Now Cracking/Crumbling, Location : Through Joint Mortar Miss/Er Location : Through	out od, Extent : Light,			5 5	\$10,900 \$8,200	
Masonry: Limestone	62% 0-2 Joint Mortar Miss/Er Location : Through	\$1,740,000 rod, Extent : Light,	LIFE Area Aff	* * ected : 10%	5	\$101,600	
Metal Panel Metal Coiling Doors	5% 2% Now Broken/Missing Elem Location: Through	0	2047 2032 t, Area Ą	* * * * ffected : 10%	5-10 5	\$75,100 \$6,800	
Pre-Cast Concrete	10% Now Deteriorated Finish, Location: Through Staining/Discoloring, Location: Through	out Extent : Moderate			5	\$71,000	
Stucco Cement	9% Now Other Observation, E Location : At Overl Explanation : Corre	nead Doors Facing			5	\$24,600	
Windows	*						
Aluminum Bronze/Brass	15% 60% Now Air Infiltration, Exter Location: Through	out			5 5	\$7,500 \$94,100	
	Ctrwt/Balnc Not Fun Location : Through Hardware Missing, E Location : Through	out Extent : Moderate, 2					
Glass Block	10% Now Joint Mortar Miss/Er Location: South Fo Other Observation, E Location: South Fo Explanation: Corre	icade Facing Seco Extent : Severe, Are icade Facing Seco	nd Floor ea Affecte nd Floor	Roof d : 50%	5	\$3,100	
Steel	15% 0-2 Corrosion/Rusting, E Location: Stairs, St Deteriorated Finish, Location: Stairs, St Thermally Inefficient, Location: Stairs, St	ections Of South F Extent : Moderate, ections Of South F Extent : Moderate	acades Area Aff acades e, Area A	fected : 50%	5	\$47,000	

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	Curi	rent Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Fail Total (Yes	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Parapets					_	*	
Masonry: Brick	Location : Thr	bling, Extent : Light, Ar oughout ss/Erod, Extent : Light			5	\$4,800	
Masonry: Limestone	Location : Thr	bling, Extent : Light, Ar oughout ss/Erod, Extent : Light,			5	\$15,700	
Stucco Cement	10% No Cracking/Crumb Location : Thr	bling, Extent : Light, Ai	2040 rea Affecto	* * ed : 10%	5	\$2,500	
Roof					_	*** -**	
Asphalt Macadam	15% Recent Replace Location : Thr	Evident, Extent : Light, oughout 2015	2037 Area Affa	* * Pected : 100%	5	\$23,700	
Modified Bitumen	73% Recent Replace Location: Thr	Evident, Extent : Light, oughout 2015	2037 Area Affa	* * ected : 100%	10	\$173,000	
Plaza Roof: Stone Panels	s 10%		2047	* *			
Skylight, Metal/Glass	Location : At T Glazing Broken	w \$247,000 ng, Extent : Moderate, Third Floor Roof Over . (Cracked, Extent : Mod Third Floor Roof Over .	Art And M lerate, Are	Music Areas ea Affected : 10%			
Interior							
Floors	1.50/		2026	Ø1 150 000	2	#117.000	
Carpet Cast in Place Concrete	15% 7%		2026 LIFE	\$1,158,800	3 5	\$115,800 \$78,800	
Ceramic Tile	10% No	bling, Extent : Light, Ai	2036	* * ed : 10%	5	\$25,700	
Terrazzo	5%		LIFE	* *	5	\$20,100	
Terrazzo	2%		LIFE	* *	5	\$8,000	
Vinyl Tile	Location : Lan Cracking/Crumb Location : Lan Loose Units, Ex	e, Extent : Moderate, A guage Literature, Soci bling, Extent : Moderat guage Literature, Soci tent : Moderate, Area A	al Science e, Area Aj al Science Affected:	e, Book Storage Ar ffected : 25% e, Book Storage Ar 20%	eas	\$63,700	
		iguage Literature, Soci				\$74.00	
Vinyl Tile	28%		2032	* *	3	\$54,000	

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 F	Repair	Futur	e Replacement	M	aintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior									
Interior Walls									
Cast in Place Concrete	10%			LIFE	* *				
Concrete Masonry Unit	5%			LIFE	* *	5	\$18,500		
Glass: Single Pane	5%			LIFE	* *	5	\$34,600		
Gypsum Board	20%			LIFE	* *	5	\$110,900		
Masonry: Brick	5%			LIFE	* *				
Marble Panels	2%	Now	\$173,200	LIFE	* *				
		issing Elem : At Audite	ents, Extent : Mod orium Exit	erate, Ar	rea Affected : 10%				
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 10%				
	_	: At Audite		·	•				
Plaster	43%	Now	\$75,000	LIFE	* *	5	\$119,200		
	Cracking/	Crumbling,	Extent: Moderate	, Area A	ffected : 5%				
	Location	: Balcony	Corridor Facing L	obby					
Wood	10%			LIFE	* *	5	\$369,600		
	Recent Replace Evident, Extent: Light, Area Affected: 10%								
	Location	: New Aud	litorium						
Ceilings									
AcousTileConcealSpLn	15%			2040	* *	5	\$94,000		
AcousTileConcealSpLn	20%	0-2	\$47,700	2032	* *	5	\$62,600		
	Cracking/Crumbling, Extent: Light, Area Affected: 10%								
	Location	: Through	out						
AcousTileSusp.Lay-In	10%			2040	* *	5	\$50,100		
Exposed Concrete	10%			LIFE	* *	5	\$7,800		
Gypsum Board	15%			LIFE	* *	5	\$94,000		
Plaster	30%			LIFE	* *	5	\$94,000		

Electrical	Current Repair	Future Replacement Year Estimated Cost FY		Maintenance Cycle Estimated Cost (Yrs)		Priority			
System Component Type	% of Fail Date Estimated Cost Total (Years)								
Inder 600 Volts									
Service Equipment									
Molded Case Bkrs	50%	2053	* *	5	\$4,600				
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: Electrical Room								
	Explanation: 4,000 Ampere Main Disc	connect Switch							
Molded Case Bkrs	50%	2053	* *	5	\$4,600				
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Electrical Room								
	Explanation: 4,000 Ampere Main Disconnect Switch								
Transformers									
Dry Type	100%	2044	* *	5	\$1,300				
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: Electrical Room								
	Explanation: Two 500 Kilovolt-amper	e 208/120 Pri - 480 k	Sec						

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.

Asset #: 2136

Electrical		Current F	Repair	Future Replacement Mainte			aintenance	enance		
System Component			Estimated Cost		Estimated Cost		Estimated Cost	Priority		
Type	Total	(Years)		FY		(Yrs)				
Inder 600 Volts										
Switchgear / Switchboard										
Molded Case Bkrs	50%			2053	* *	5	\$4,600			
Molded Case Bkrs	50%			2053	* *	5	\$4,600			
Raceway										
Conduit	80%			2027	\$211,800	1				
Conduit	20%			2053	* *	1				
Panelboards										
Fused Disc Sw	10%			2026	\$15,800	5	\$800			
Molded Case Bkrs	60%			2026	\$94,900	5	\$5,500			
Molded Case Bkrs	30%			2049	* *	5	\$2,800			
Wiring										
Braided Cloth	30%	2-4	\$79,700	2052	**	1				
		Aged, Exte : Through	nt : Moderate, Are out	a Affecte	d : 100%					
Thermoplastic	50%			2027	\$132,800	1				
Thermoplastic	20%			2053	* *	1				
Motor Controllers										
Locally Mounted	70%			2025	\$497,400	5	\$1,700			
Variable Frequency Drive	30%			2044	* *					
round										
Grounding Devices	1000/			LIPP	* *	-	Ø5 100			
Generic	Location	: Basemen		LIFE Area Affe		5	\$5,100			
ighting	Explanat	ion : Water	r Main							
Interior Lighting										
Fluorescent	65%			2027	\$2,678,400	10	\$208,700			
Tuorescent	Other Obso Location	: Through	xtent : Light, Area out The Building g T-8 Lamps			10	\$200,700			
Fluorescent	20%			2035	* *	10	\$64,200			
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%					
	Location	: Through	out							
	Explanat	ion : T-8 L	amps							
Fluorescent	5%			2035	* *	10	\$16,100			
	T-5 Lamps	And Fixtu	res, Extent : Mode	rate, Ared	a Affected : 100%					
	Location	: Through	out The Building							
Fluorescent	5%			2022	\$206,000	10	\$16,100			
	Other Obs	ervation, E	xtent : Light, Area		· ·					
	Location	: Through	out The Building							
	Explanat	ion : Uisng	g T-12 Lamps							
LED	5%			2035	* *					

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.

Asset # : 2136

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Service	40%		2022	\$81,000	1		
Emergency, Battery	10%		2035	* *	10	\$8,400	
Exit, LED	10%		2062	* *	1		
Exit, Service	40%		2022	\$23,500	1		
Exterior Lighting							
HID	100%		2022	\$1,554,200	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	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cor Total (Years)	st Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Interruptible Gas/Dual Fuel	100%	2047	* *	1		
	Other Observation, Extent : Light, An	rea Affected :	100%			
	Location: Basement					
	Explanation: One Tank Of 15,000	Gallons				
Conversion Equipment						
Steam Boiler	100%	2040	* *	1	\$346,600	
	Other Observation, Extent : Light, An	rea Affected :	100%			
	Location: Basement					
	Explanation: 3 Boilers					
Distribution						
Central Plant Steam	100%	2037	* *	4	\$17,300	
Piping/Pmp						
Terminal Devices						
Air Handler	60%	2022	\$3,252,100	1	\$129,900	
Convector/Radiator	40%	2032	* *	1	\$45,200	
Air Conditioning						
Energy Source						
Electricity	30%	2035	* *	1		
Steam/HW System	70%	2037	* *	1		

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.

Asset #: 2136

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
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	85%			2035	* *	1	\$138,000	
•		frigerant, I : Chillers	Extent : Light, Ared Penthouse	a Affected	d : 100%			
Exterior Pkg Unit - Cooling	15%			2027	\$468,200	2	\$3,200	
Cooling	Other Observation, Extent : Light, Area Affected : 15% Location : Various Locations Explanation : Split Systems							
Distribution CW & CHW Wtr Pipe/Pump	100%	•		2037	**	4	\$17,300	
Terminal Devices Air Handler/Cool/Ht	100%			2027	\$4,323,100	1	\$216,400	
Heat Rejection Air Cooled Condenser Unit	15%			2027	\$116,600	2	\$36,600	
Water Cooling Tower	Leak Evid		\$24,900 : Severe, Area Affe The Cooling Tower		\$1,243,400	2	\$239,500	
Ventilation Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$195,200	
Exhaust Fans Interior	Noisy/Vibi	Now rating, Exte	\$65,100 int : Moderate, Are m	2022 ea Affecte	\$1,302,800 ed:5%	2	\$8,100	
Roof	5%			2027	\$32,000	2	\$500	
Plumbing H/C Water Piping Galvanized Steel	100%			2032	**	1		
Water Heater Gas Fired	100%			2025	\$235,100	2	\$5,100	
Sanitary Piping Cast Iron	100%			LIFE	**	1	•	
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Non-Submersible	100%			2027	\$58,800	4	\$11,100	
Sewage Ejector(s) Compressed Air	100%			2027	\$71,800	4	\$5,300	
Fixtures Generic	100%							

Vertical Transport

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.

Asset #: 2136

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

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : BROWNSVILLE BRANCH LIBRARY
Address : 61 GLENMORE AVE. @WATKINS ST.

Borough : BROOKLYN Agency's Number : 27

Area Sq Ft : 10,500 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 24-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,mz

Block : 3489 Lot : 150 BIN : 3080669

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Interior Architecture	\$127,900	
Electrical	\$117,000	\$35,000
Mechanical	\$179,400	\$76,900
Total	\$424,400	\$111,900
Importance Code B	\$424,400	\$111,900
Total	\$424,400	\$111,900

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$5,900		\$17,100	\$1,400
Interior Architecture	\$25,000	\$1,100		\$1,700
Electrical	\$12,400	\$400	\$10,200	\$400
Mechanical	\$9,400	\$2,300	\$38,100	\$2,300
Site Enclosure	\$900			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$57,400	\$7,900	\$69,400	\$9,800
Importance Code A	\$6,400	\$500	\$17,700	\$2,000
Importance Code B	\$35,900	\$6,700	\$51,600	\$7,900
Importance Code C	\$15,100	\$700		
Total	\$57,400	\$7,900	\$69,400	\$9,800



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.

Asset #: 13238

85% Efflorescen Location Staining/D Location 5% 10% Broken/Mi.	(Years) ace, Extent: I : Throughout iscoloring, E: : Throughout Now ssing Elemen	xtent : Light, Ar	FY LIFE cted: 5% ea Affecte		Cycle (Yrs)	Estimated Cost \$21,000	Priorit
Efflorescent Location Staining/D Location 5% 10% Broken/Mi.	: Throughout iscoloring, E: : Throughout Now ssing Elemen	t extent : Light, Ar	cted : 5% ea Affecte		5	\$21,000	
Efflorescent Location Staining/D Location 5% 10% Broken/Mi.	: Throughout iscoloring, E: : Throughout Now ssing Elemen	t extent : Light, Ar	cted : 5% ea Affecte		5	\$21,000	
Efflorescent Location Staining/D Location 5% 10% Broken/Mi.	: Throughout iscoloring, E: : Throughout Now ssing Elemen	t extent : Light, Ar	cted : 5% ea Affecte		5	\$21,000	
5% 10% Broken/Mi	Now ssing Elemen		LIEE				
10% Broken/Mi	ssing Elemen	\$5,900	TIPP				
Broken/Mi.	ssing Elemen	\$5,000	LIFE	* *	5	\$900	
	: Rear Windo	ts, Extent : Mod	LIFE erate, Ar	* * ea Affected : 5%	5	\$1,900	
100%			2045	* *	5	\$2,900	
500/			LIEE	* *	-	¢1.500	
				* *		•	
1070			LIFE		3	\$1,800	
100%			2034	* *	10	\$17,100	
100%			LIFE	* *	5		
20%			LIEE	* *	5	\$8 100	
				* *			
	Now	\$127 900		* *			
Cracking/C Location Worn/Eroa	Crumbling, Ex : Throughout led, Extent : N	xtent : Moderate ! Moderate, Area .	, Area A <u>j</u>		J	\$2,200	
5%			2038	* *	5	\$1,400	
			LIFE	* *	5		
50%			LIFE	* *	5		
10%	Now	\$11,600	LIFE	* *			
Location Water Pend	: Throughout etration, Exte	t Basement nt : Moderate, A					
Cracking/C Location	Crumbling, Ex : Throughout	t Basement			5	\$2,500	
	50% 40% 100% 100% 100% 20% 5% 75% Cracking/C Location Worn/Eroa Location 5% 50% 10% Cracking/C Location Water Pena Location Cracking/C Location Water Pena	50% 40% 100% 100% 100% 20% 5% 75% Now Cracking/Crumbling, Extocation: Throughout 5% 5% 50% 10% Now Cracking/Crumbling, Extocation: Throughout 30% Now Cracking/Crumbling, Extocation: Throughout Water Penetration, Extetent in the continuity of	50% 40% 100% 100% 100% 20% 5% 75% Now \$127,900 Cracking/Crumbling, Extent: Moderate Location: Throughout Worn/Eroded, Extent: Moderate, Area Location: Throughout 5% 5% 5% 5% 50% 10% Now \$11,600 Cracking/Crumbling, Extent: Moderate Location: Throughout Basement Water Penetration, Extent: Moderate, A Location: Throughout Basement 30% Now \$3,600 Cracking/Crumbling, Extent: Moderate Location: Throughout Basement	50% LIFE 40% 2046 10% LIFE 100% 2034 100% LIFE 20% LIFE 5% 2038 75% Now \$127,900 2039 Cracking/Crumbling, Extent: Moderate, Area Aftected: Location: Throughout Worn/Eroded, Extent: Moderate, Area Affected: Location: Throughout 5% 2038 5% LIFE 10% Now \$11,600 LIFE Cracking/Crumbling, Extent: Moderate, Area Aftected: Location: Throughout Basement Water Penetration, Extent: Moderate, Area Affected: Location: Throughout Basement Water Penetration, Extent: Moderate, Area Affected: Location: Throughout Basement Cracking/Crumbling, Extent: Moderate, Area Affected: Location: Throughout Basement Water Penetration, Extent: Moderate, Area Affected: Location: Throughout Basement Water Penetration, Extent: Moderate, Area Affected: Location: Throughout Basement Water Penetration, Extent: Moderate, Area Affected: Location: Throughout Basement Water Penetration, Extent: Moderate, Area Affected: Location: Throughout Basement	S0%	S0%	S0%

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.

Asset #: 13238

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Gypsum Board	25%			LIFE	* *	5	\$5,800	
Plaster		Now	\$9,900	LIFE	* *	5	\$8,700	
	_	_	Extent : Moderate out Basement	, Area Aj	ffected : 5%			
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2064	* *			
Retaining Walls								
Cast in Place Concrete	25%			2049	* *			
Masonry: Brick	75%	Now	\$900	2049	* *			
	Broken/Mi Location	0	ents, Extent : Mod	erate, Ar	rea Affected : 5%			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
	Cracking/	Crumbling,	Extent : Light, Are	ea Affecto	ed : 5%			
	Location	: Through	out					
On-Site Walkways								
Cast in Place Concrete	75%			2042	* *			
Pavers/Stone	25%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2034	* *			

ectrical		Current Rep	oair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2029	\$1,600	5	\$300	
	Other Obse	ervation, Exte	ent : Light, Area	Affected	! : 100%			
	Location .	: Electrical F	Room					
	Explanati	on : One 200	Amperes Each					
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	\$35,000	5	\$300	
Raceway								
Conduit	100%			2029	\$34,000	1		
Panelboards								
Fused Disc Sw	5%			2028	\$800	5		
Molded Case Bkrs	95%			2028	\$15,400	5	\$300	
Wiring								
Braided Cloth	40%	2-4	\$12,000	2054	* *	1		
	Insulation A	Aged, Extent	: Moderate, Are	a Affecte	ed : 100%			
	Location .	: Throughout	The Building					
Thermoplastic	60%			2029	\$18,000	1		

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.

Asset #: 13238

Electrical	Current Repair	Futur	e Replacement	M				
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%	2027	\$32,700	5	\$100			
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$200			
Lighting								
Interior Lighting								
Fluorescent	65%	2024	\$74,000	10	\$6,300			
	Other Observation, Extent: Light, Area Affected: 100%							
	Location: Throughout The	Building						
	Explanation: T-12 Lamps							
Fluorescent	30%	2034	* *	10	\$2,900			
	Other Observation, Extent:		: 100%					
	Location : Throughout The	Building						
	Explanation: T-8 Lamps							
Fluorescent	5%	2034	* *	10	\$500			
	Other Observation, Extent : Location : Basement	Light, Area Affected	: 100%					
E I'le	Explanation : Compact Flu	iorescent Light Fixit	ires					
Egress Lighting	500/	2020	¢7.700	10	¢1 200			
Emergency, Battery	50%	2029	\$7,700	10	\$1,300			
Exit, Service	50%	2029	\$800	1				
Exterior Lighting HID	100%	2024	\$42,000	10				
	100%	2024	\$43,000	10				
Alarm								
Security System No Component	70%							
Generic	30%	2034	* *	1	\$1,200			
Generic				1	\$1,200			
	Other Observation, Extent : Light, Area Affected : 100% Location : Inside And Outside							
	Explanation : CCTV Surve		rusion Alarm And	Motion 9	Sensor			
Fire/Smoke Detection	Explanation . CCT v Surve	mance Cameras, Int	rusion murm Anu	171011011 L	JCTISOT			
No Component	70%							
Generic, Digital	30%	2034	* *	1-3	\$2,000			
Generic, Digital	3070	2037		1 3	Ψ2,000			

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2042	* *	1	\$5,200	
	Other Observation, Extent : Light, Area	Affected	! : 100%			
	Location: Basement Boiler Room					
	Explanation: 1 Unit					

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.

Asset #: 13238

Mechanical		Current	Repair	Future Replacement Maintenance				
System Component		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Estimated Cost	Priority
Type	Total	(Tears)		r I		(Yrs)		
Heating								
Distribution								
Hot Wtr Piping/Pump	100%			2037	* *	4	\$500	
Terminal Devices								
Air Handler	40%			2024	\$59,900	1	\$2,600	
Convector/Radiator	60%			2034	* *	1	\$2,000	
Air Conditioning								
Energy Source	1000/			2015	at. at.			
Electricity	100%			2045	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	85%	Now	\$7,700	2029	\$76,900	1	\$3,700	
			t : Severe, Area Aff					
			In Back Yard (Not .		*			
			Extent : Light, Area	Affected	! : 100%			
			Mezzanine					
		tion : 4 Poi	rtable Units Being	Used				
Window/Wall Unit	15%			2024	\$3,300	1		
Distribution								
CW & CHW Wtr	100%			2039	* *	4	\$800	
Pipe/Pump								
Terminal Devices					****		*	
Air Handler/Cool/Ht	100%			2024	\$119,500	1	\$6,500	
Heat Rejection	1000/							
Not Accessible	100%							
Ventilation Distribution								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,900	
Exhaust Fans	10070			LIFE		2-3	\$5,900	
Interior	70%			2024	\$26,500	2	\$200	
Roof	30%			2024	\$5,300	2	\$100	
Plumbing	3070			2021	ψ3,300		φίου	
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater								
Gas Fired	100%			2027	\$6,500	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%		7	LIFE	**			
			Extent : Light, Area	Affected	: 100%			
			nt, 1st, Mezzanine					
	Explanai	ion : One	∪nit					

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.

Asset #: 13238

Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : BUSHWICK BRANCH LIBRARY
Address : 340 BUSHWICK AVE. @SEIGEL ST.

Borough : BROOKLYN Agency's Number : 29

Area Sq Ft : 10,640 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 25-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,mz

Block : 3098 Lot : 19 BIN : 3071470

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$165,400	
Interior Architecture		\$105,600
Electrical	\$116,600	\$35,000
Mechanical	\$84,500	\$91,100
Total	\$366,600	\$231,800
Importance Code A	\$165,400	
Importance Code B	\$201,100	\$231,800
Total	\$366,600	\$231,800

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$22,100		\$17,200	
Interior Architecture	\$39,000	\$800	\$500	\$1,400
Electrical	\$24,400	\$400	\$11,800	\$300
Mechanical	\$4,100	\$1,400	\$61,900	\$1,900
Site Pavements	\$2,900			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$96,500	\$6,600	\$95,300	\$7,600
Importance Code A	\$22,600	\$500	\$17,800	\$500
Importance Code B	\$55,900	\$5,600	\$77,500	\$7,100
Importance Code C	\$17,900	\$500		
Total	\$96,500	\$6,600	\$95,300	\$7,600



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.

Asset #: 13239

rchitecture	Current Repair	Future Replacement	M		
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
terior					
Exterior Walls Cast Stone/Terra Cotta	10% Now \$39,900 Cracking/Crumbling, Extent : Moderat	LIFE ** e, Area Affected : 5%	5	\$17,700	
	Location : Columns At Main Entranc. Joint Mortar Miss/Erod, Extent : Mode Location : Main Entrance				
Masonry: Brick	85% 0-2 \$125,600 Efflorescence, Extent: Moderate, Area Location: Throughout Spalling, Extent: Moderate, Area Affec		5	\$19,200	
	Location: Throughout Water Penetration, Extent: Moderate, Location: Throughout	Area Affected : 5%			
Metal Panel	5% Corrosion/Rusting, Extent: Light, Area Location: Equipment Screen	2039 ** a Affected : 5%	5-10	\$7,800	
Windows					
Wood	100%	2037 **	5	\$44,200	
Parapets Cast Stone/Terra Cotta	10% Recent Repair Evident, Extent : N/A, A	LIFE ** rea Affected : 10%	5	\$1,400	
Masonry: Brick	Location: Throughout 90% Recent Repair Evident, Extent: N/A, A. Location: Throughout	LIFE ** rea Affected : 75%	5	\$1,600	
Roof					
Modified Bitumen	95% Drains Clogged, Extent: Moderate, Ar Location: Throughout	2034 ** ea Affected : 25%	10	\$14,400	
	Patching Evident, Extent : Moderate, A Location : Throughout	rea Affected : 10%			
Single Ply Membrane	5%	2034 **	10	\$800	
Soffits Cast Stone/Terra Cotta	100%	LIFE **	5		

Interior

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.

Asset #: 13239

Architecture	Curren	t Repair	Future l	Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	te Estimated Cost	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Floors Cast in Place Concrete	-	\$1,500 sn, Extent : Moderate ent Mechanical Roon		* * ected : 10%	5	\$1,500	
Ceramic Tile	5% Worn/Eroded, Exte Location: Throug	nt : Light, Area Affec ghout	2038 eted : 25%	* *	5	\$700	
Sheet Vinyl/Rubber Vinyl Tile	Location : Throug	g, Extent : Moderate		••	5 3	\$1,000 \$4,300	
Interior Walls							
Ceramic Tile Plaster	Location : Basem	\$15,000 g, Extent : Moderate ent Corridor, Mezzat g, Extent : Moderate nine Floor	nine Office		5 5	\$900 \$5,200	
Ceilings		Extent : Moderate, A ent Corridor, Mezzai		ed : 5%			
AcousTileConcealSpLn	Location: South	g, Extent : Moderate			5	\$7,600	
	Water Penetration, Location: Throug	Extent : Moderate, A ghout nt : Moderate, Area					
AcousTileSusp.Lay-In Plaster	Location : Mezzai	g, Extent : Moderate			5 5	\$700 \$400	
Site Enclosure							
Fence/Gates Iron Picket	90%		2049	* *			
Masonry: Brick	10%		2039	* *			
Free Standing Walls Masonry: Fieldstone	100%		2049	* *			
Retaining Walls Concrete Masonry Unit	100%		2039	* *			

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.

Asset #: 13239

Architecture		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2034	* *			
	_	Crumbling, Ex : Throughout	tent : Light, Are	ea Affecto	ed : 5%			
On-Site Walkways								
Cast in Place Concrete	75%			2034	* *			
Pavers/Stone	25%	4+	\$1,400	2032	* *			
		ar Miss/Erod, : Throughout		ate, Ared	a Affected : 10%			
Parking/Driveway								
Asphalt	100%	0-2	\$1,500	2032	* *			
•	Cracking/C	Crumbling, Ex	tent : Moderate	, Area A	ffected : 10%			
	Location	: Throughout		_				
	-	bsiding, Exten : Throughout	t : Light, Area	Affected	: 5%			

ectrical		Current Re	pair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2029	\$800	5		
	Other Obse	rvation, Ext	ent : Light, Area	Affected	! : 100%			
	Location .	: Electrical I	Room					
	Explanati	on : Main Se	ervice Disconnec	t Switch	Rated At 200 Amp	eres		
Molded Case Bkrs	50%			2029	\$800	5	\$100	
	Other Obse	rvation, Ext	ent : Light, Area	Affected	! : 100%			
	Location .	: Electrical I	Room					
	Explanati	on : Main Se	ervice Disconnec	t Switch	Rated At 350 Amp	eres		
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	\$35,000	5	\$300	
Raceway								
Conduit	20%			2049	* *	1		
Conduit	80%			2029	\$27,200	1		
Panelboards								
Fused Disc Sw	5%			2045	* *	5		
Molded Case Bkrs	75%			2028	\$12,100	5	\$200	
Molded Case Bkrs	20%			2045	* *	5	\$100	
Wiring								
Braided Cloth	80%	2-4	\$24,000	2054	* *	1		
	Insulation A	Aged, Extent	: Moderate, Are	a Affecte	ed : 100%			
	Location .	: Throughou	t The Building					
Thermoplastic	20%			2049	* *	1		
Motor Controllers				-				
Locally Mounted	80%			2027	\$26,200	5	\$100	
Locally Mounted	20%			2034	* *	5	•	

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.

Asset #: 13239

Electrical		Current F	Repair	Future Replacement Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	70%			2024	\$80,800	10	\$6,800	
	_		ures, Extent : Ligh	t, Area A	ffected : 100%			
	Location	: Reading	Areas					
Fluorescent	25%			2037	* *	10	\$2,400	
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
	Location	: Basemen	t					
LED	5%			2037	* *			
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	\$1,300	
Exit, Service	50%			2037	* *	1	4-,000	
Exterior Lighting								
HID	10%			2024	\$4,400	10		
LED	20%			2037	**			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	\$1,200	
	Other Obse	ervation, E	xtent : Light, Area	Affected	! : 100%		. ,	
		: Inside Ar	-	55				
	Explanati	on : CCTV	⁷ Surveillance Can	eras				
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2024	\$35,800	1-3	\$2,000	
, 6	Other Observation, Extent: Light, Area Affected: 100%							
		: Basemen	-					
	Explanati	on : Smok	e Detector And Fir	e Alarm	Control Panel			

lechanical	Current Repair	Futur	re Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Natural Gas	100%	2039	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2034	* *	1	\$5,300	
	Other Observation, Extent : Light, Area	Affectea	l : 100%			
	Location: Basement Boiler Room					
	Explanation: One Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2037	* *	4	\$500	

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.

Asset #: 13239

	A5561 # . 15255										
Mechanical		Current F	Repair	Futur	e Replacement	M					
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Heating											
Terminal Devices											
Air Handler	60%			2029	\$91,100	1	\$4,000				
Convector/Radiator	40%			2034	* *	1	\$1,400				
Air Conditioning											
Energy Source											
Electricity	100%			2037	* *	1					
Conversion Equipment											
Reciprocating Compr/Chiller	70%			2034	* *	1	\$3,500				
		Other Observation, Extent : Light, Area Affected : 70% Location : Mezzanine Roof									
	Explana	tion : 2 Uni	its, R-410a								
Exterior Pkg Unit - Cooling	30%			2024	\$26,200	2	\$200				
2.2.2.2		_	tent : Light, Area A Aezzanine Roof	lffected :	30%						
Terminal Devices											
Air Handler/Dir Expansion	70%			2024	\$84,500	1					
No Component	30%										
Heat Rejection											
Air Cooled Condenser	70%			2034	* *	2	\$5,200				
Unit											
No Component	30%										
Ventilation											
Distribution	1000/			LIDE	* *	2.5	Φ. 7 . 000				
Ductwork/Diffusers	100%			LIFE	~ ~	2-5	\$5,900				
Exhaust Fans	700/			2024	\$26,000	2	\$200				
Interior	70% 30%			2024 2024	\$26,900 \$5,400	2	\$200 \$100				
Roof Plumbing	30%			2024	\$3,400	2	\$100				
H/C Water Piping											
Brass/Copper	100%			2039	* *	1					
Water Heater	100/0			2039		1					
Gas Fired	100%			2027	\$6,600	2	\$200				
Sanitary Piping											
Cast Iron		Now	\$1,600	LIFE	* *	1					
	-		Extent : Severe, Are at Staff Restroom	ea Affecto	ed : 3%						
Storm Drain Piping											
Cast Iron	100%			LIFE	* *	1					
Sewage Ejector(s)											
Electric	100%			2029	\$3,100	4	\$400				
Fixtures Generic	100%										

Vertical Transport

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.

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BROOKLYN PUBLIC LIBRARY - 038 BUSHWICK BRANCH LIBRARY

Asset #: 13239

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

Vertical Transport

Elevators

Hydraulic 100% LIFE **

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

Location: Basement To 2nd Floor

Explanation: One Unit

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

Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : CANARSIE BRANCH LIBRARY
Address : 1580 ROCKAWAY PKWY @AVE J

Borough : BROOKLYN Agency's Number : 34

Area Sq Ft : 9,470 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 25-Jul-2019 Landmark Status : NONE

Areas Surveyed : Basement, Floors 1

Block : 8204 Lot : 68 BIN : 3230120

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$16,000			
Interior Architecture	\$4,000	\$6,600	\$1,600	\$500
Electrical	\$500	\$400	\$400	\$400
Mechanical	\$4,000	\$500	\$1,200	\$500
Site Pavements	\$12,800			
Total	\$37,300	\$7,400	\$3,200	\$1,300
Importance Code A	\$16,500	\$500	\$500	\$500
Importance Code B	\$16,800	\$6,900	\$2,700	\$700
Importance Code C	\$4,000			\$100
Total	\$37,300	\$7,400	\$3,200	\$1,300



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 CANARSIE BRANCH LIBRARY

Asset #: 13620

Architecture		Current F	Repair	Futur	e Replaceme	nt	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated (Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls	250/	N.T.	Φ0.000	LIEE		* *	-	#2 000	
Masonry: Brick	Diagonal Location Horizonta Location	: East Fac	\$9,900 ent : Moderate, Ar ade, North Facade xtent : Moderate, A cade	lrea Affe		~ ~	5	\$3,000	
Stucco Cement	65%			2036		* *	5	\$14,100	
Windows									
Aluminum	50%			2047		* *	5	\$600	
Aluminum	Deteriorate Location Caulking I	: East Fac	d, Extent : Modera			**	5	\$300	
Parapets									
Not Accessible	100%								
Roof Not Accessible	100%								
Soffits									
Cast in Place Concrete	100%			LIFE		* *	5		
Interior									
Floors									
Cast in Place Concrete	5%			LIFE		* *	5	\$3,100	
Ceramic Tile	5%			2040		* *	5	\$700	
Vinyl Tile	90%			2036		* *	3	\$4,800	
Interior Walls Ceramic Tile	5%			2040		* *	-	\$200	
Concrete Masonry Unit	10%			LIFE		* *	5 5	\$200 \$400	
Gypsum Board	85%	0-2	\$900	LIFE		* *	5	\$2,400	
Gypsulli Board	Cracking/	Crumbling,	Extent : Moderate out First And Secon	, Area A			3	Ψ2,400	
Ceilings									
AcousTileSusp.Lay-In	_	_	Extent : Moderate t And Main Librar		ffected : 2%	* *	5	\$13,200	
Exposed Concrete	5%			LIFE		* *	5-10	\$900	
Gypsum Board	2%			LIFE		* *	5-10	\$1,000	
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	Cracking/	_	\$9,800 Extent : Moderate sy Parkway	2044 , Area A	ffected : 20%	* *			
On-Site Walkways									
Cast in Place Concrete	100%			2036		* *			

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 CANARSIE BRANCH LIBRARY

Asset #: 13620

Architecture		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Site Pavements

Parking/Driveway

Asphalt 100% 2-4 \$2,900 2034 **

**Cracking/Crumbling, Extent: Moderate, Area Affected: 10%

Location : Throughout

Electrical	Cur	rent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2031	\$1,600	5		
		ion, Extent : Light, Area	Affected	: 100%			
	Location : Ele						
=	Explanation :	Main Service Switch Ra	ted 400 A	Amperes			
Raceway	1000/		2057	* *			
Conduit	100%		2057	* *	1		
Panelboards	1000/		2047	* *	-	#200	
Molded Case Bkrs	100%		2047	77 77	5	\$300	
Wiring	1000/		2057	* *	1		
Thermoplastic	100%		2057		1		
Ground							
Grounding Devices Not Accessible	100%						
	10070						
Lighting Interior Lighting							
LED	100%		2039	* *			
ELD		ion, Extent : Light, Area		. 100%			
		roughout Building	119900000	. 100/0			
		LED Lighting Fixtures I	nstalled .	In 2015.			
Egress Lighting	7	188					
Emergency, Battery	50%		2039	* *	10	\$1,100	
Exit, Service	50%		2039	* *	1	, , , ,	
Exterior Lighting							
HID	10%		2036	* *	10		
LED	40%		2039	* *			
	Other Observati	ion, Extent : Light, Area	Affected	: 100%			
	Location: Bui	ilding Exterior					
	Explanation:	LED Lighting Fixtures 1	nstalled .	In 2015.			
No Component	50%						
Alarm	-						
Security System							
Generic	100%		2036	* *	1	\$3,500	
	Other Observati	ion, Extent : Light, Area	Affected	: 100%		4 - 7 9	
		roughout The Building					
		CCTV Surveillance Can	ieras				

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 CANARSIE BRANCH LIBRARY

Asset #: 13620

Mechanical		Current Repair		Futur	e Replacement	M		
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%			2041	* *	1		
Conversion Equipment								
Furnace	100%			2036	* *	1	\$4,700	
			Extent : Light, Area		! : 100%			
			t Equipment Room					
	Explana	ion : 2 Uni	its					
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2026	\$20,000	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,400	
Exhaust Fans								
Not Accessible	100%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater								
Electric	100%			2026	\$8,500	4	\$100	
	Other Obs	ervation, E	Extent : Light, Area	Affected	! : 100%			
	Location	: Basemen	t Equipment Room					
<u> </u>	Explana	ion : 150 C	Gallon Tank					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2022	\$300	4	\$300	
Fixtures								
Generic	100%							

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : CARROLL GARDENS BRANCH LIBRARY

Address : 396 CLINTON ST. @UNION ST.

Borough : BROOKLYN Agency's Number : 31

Area Sq Ft : 14,075 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 23-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Sub Basement, Floors 1, Mez

Block : 338 Lot : 33 BIN : 3004336

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$214,800	
Interior Architecture		\$120,200
Electrical	\$57,600	\$35,000
Mechanical		\$110,100
Total	\$272,400	\$265,300
Importance Code A	\$214,800	\$110,100
Importance Code B	\$57,600	\$155,200
Total	\$272.400	\$265.300

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$55,900			
Interior Architecture	\$19,000	\$2,200		
Electrical	\$12,500	\$600	\$4,400	\$500
Mechanical	\$1,100	\$1,000	\$2,000	\$1,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$92,400	\$7,700	\$10,400	\$5,700
Importance Code A	\$56,600	\$700	\$900	\$700
Importance Code B	\$18,600	\$6,400	\$9,500	\$5,000
Importance Code C	\$17,300	\$600		
Total	\$92,400	\$7,700	\$10,400	\$5,700



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.

Asset #: 13241

Architecture		Current R	epair	Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	020/	0.0	#214 000		ماد ماد	_	#22 000	
Masonry: Brick	92%	0-2	\$214,800	LIFE	**	5	\$32,900	
			od, Extent : Moder		a Affected : 25%			
			ocations Through					
		_	nt, Area Affected :					
			ocations Through		. 1 00/			
		Growin, E. : Rear And	xtent : Moderate, .	Area Ајје	ectea : 8%			
		. Keur Ana	Siue		di di			
Masonry: Limestone	5%		4.4.000	LIFE	* *	5	\$1,300	
Masonry: Sandstone	_	Now	\$26,800	LIFE	**	5	\$800	
			Extent : Moderate	e, Area Aj	ijected : 25%			
		: Base Thro	ougnoui Extent : Moderat		1004-1 . 250/			
		m surjace, : Base Thro		e, Area A	iffectea : 25%			
			ougnoui ctent : Light, Area	Affactad	. 100%			
		: Building I	-	Ајјестеи	. 10070			
		_	s Actually Bluesto	n <i>o</i>				
Windows	Блринин	On . 11113 13	Tenuny Binesio	ne				
Aluminum	80%			2037	* *	5	\$3,900	
Steel	20%			2037	* *	5	\$12,000	
Parapets							* ,,,,,,	
Masonry: Brick	70%	Now	\$21,200	LIFE	* *	5	\$1,700	
•	Spalling, E.	xtent : Moa	lerate, Area Affec	ted : 30%	ó			
	Location	Exterior I	Face					
Masonry: Limestone	30%			LIFE	* *	5	\$900	
Roof								
Copper/Terne	5%			2057	* *	10	\$1,500	
Modified Bitumen	95%			2037	* *	10	\$11,400	
	_		nt, Extent : Light,	Area Aff	ected : 100%			
	Location	: Througho	ut, 2012					
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								
Floors	20/			LIEE	* *	-	#	
Cast in Place Concrete	2%	0.2	\$000	LIFE	* *	5 5	\$600	
Ceramic Tile	3%	0-2	\$900	2032	ea Affected : 20%	3	\$200	
	Location	: Bathroom						
Marble Panels	5%			LIFE	* *	5	\$500	
Vinyl Tile	90%			2029	\$120,200	3	\$4,900	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	\$1,100	
Gypsum Board	5%			LIFE	* *	5	\$700	
Plaster	90%	0-2	\$17,300	LIFE	**	5	\$6,000	
	-	-	Extent : Light, Ard	ea Affecto	ed : 10%			
	Location	: Elevator I	+oyer					

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.

Asset #: 13241

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileConcealSpLn	5%		2042	* *	5	\$900	
AcousTileSusp.Lay-In	5%		2042	* *	5	\$700	
Plaster	90%		LIFE	* *	5	\$8,300	
		oair Evident, Extent : Light, A : Throughout, 2012	rea Affe	cted : 75%			
Site Enclosure							
Fence/Gates							
Iron Picket	100%		2064	* *			
Free Standing Walls							
Masonry: Brick	100%		2039	* *			
Retaining Walls							
Masonry: Brick	98%		2049	* *			
Masonry: Fieldstone	2%		2039	* *			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2042	* *			
On-Site Walkways							
Cast in Place Concrete	95%		2042	* *			
Pavers/Stone	5%		2038	* *			

ectrical		Current Repair		Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date Estima (Years)	ted Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2029	\$1,600	5	\$400	
	Other Obse	rvation, Extent : L	ight, Area	Affected	: 100%			
	Location	: Electrical Room						
	Explanati	on: One 500 Amp	eres Main I	Disconn	ect Switch			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	\$35,000	5	\$400	
Raceway								
Conduit	5%			2049	* *	1		
Conduit	95%			2029	\$32,300	1		
Panelboards								
Fused Disc Sw	5%			2028	\$800	5		
Molded Case Bkrs	95%			2028	\$15,400	5	\$400	
Wiring								
Braided Cloth	40%	2-4	312,000	2054	* *	1		
	Insulation 2	Aged, Extent : Moa	lerate, Area	a Affecte	d: 100%			
	Location	: Throughout The	Building					
Thermoplastic	50%			2029	\$15,000	1		
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2027	\$32,700	5	\$100	

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.

Asset #: 13241

Electrical	Current Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Lighting						
Interior Lighting						
Fluorescent	10%	2034	* *	10	\$1,300	
	Other Observation, Extent : Light, A	rea Affected	: 100%			
	Location: Mezzanine					
	Explanation: T-8 Lamps					
Fluorescent	5%	2034	* *	10	\$600	
	Compact Fluorescent Light, Extent :	Light, Area	Affected : 100%			
	Location: Throughout The Buildin	ıg				
LED	85%	2037	* *			
Egress Lighting						
Emergency, Battery	50%	2034	* *	10	\$1,700	
Exit, Service	50%	2034	* *	1		
Exterior Lighting						
HID	100%	2024	\$57,600	10		
Alarm						
Security System						
No Component	70%					
Generic	30%	2034	* *	1	\$1,600	
Fire/Smoke Detection						
No Component	70%					
Generic, Digital	30%	2034	* *	1-3	\$2,700	

lechanical	Current Repair	Futur	e Replacement	М	aintenance	
vstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Natural Gas	100%	2039	* *	1		
	Other Observation, Extent : Light, Are	a Affected	: 100%			
	Location: Sub-basement					
	Explanation: Old Oil Tank Abandon	ed In Plac	re			
Conversion Equipment						
Hot Water Boiler	100%	2027	\$110,100	1	\$7,000	
	Other Observation, Extent : Light, Are	a Affected	: 100%			
	Location: Sub-basement					
	Explanation: One Gas Fired Hot Wa	ter Boiler				
Distribution	•					
Hot Wtr Piping/Pump	100%	2037	* *	4	\$700	
Terminal Devices						
Convector/Radiator	50%	2042	* *	1	\$2,300	
Not Accessible	50%				•	

Air Conditioning

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.

Asset #: 13241

Mechanical	Current Repai	ir Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2045	* *	1		
Conversion Equipment						
Not Accessible	100%					
Heat Rejection						
Not Accessible	100%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$7,800	
Exhaust Fans						
Not Accessible	100%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2039	* *	1		
Water Heater						
Gas Fired	100%	2029	\$8,700	2	\$200	
	Recent Replace Evident, E Location : Boiler Room	xtent : Light, Area Affec	cted : 100%			
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2034	* *	4	\$400	
Backflow Preventer						
Not Accessible	100%					
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent		100%			
	Location: Basement To	Mezzanine				
	Explanation: One Unit					

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : CLARENDON BRANCH LIBRARY

Address : 2035 NOSTRAND AVE. @ FARRAGUT RD.

Borough : BROOKLYN Agency's Number : 33

Area Sq Ft : 7,800 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 13-Mar-2019 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 5005 Lot : 33 BIN : 3327822

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Electrical		\$43,800
Mechanical	\$155,600	\$168,300
Total	\$155,600	\$212,100
Importance Code A	\$61,000	
Importance Code B	\$94,600	\$212,100
Total	\$155,600	\$212.100

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture		\$4,700		\$12,000
Interior Architecture		\$3,600	\$300	
Electrical	\$400	\$500	\$400	\$600
Mechanical	\$800	\$900	\$1,600	\$5,700
Site Pavements	\$600			
Total	\$1,800	\$9,600	\$2,300	\$18,300
Importance Code A		\$5,100	\$400	\$12,500
Importance Code B	\$1,800	\$4,600	\$1,900	\$5,800
Importance Code C				
Total	\$1,800	\$9,600	\$2,300	\$18,300



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 CLARENDON BRANCH LIBRARY

Asset #: 13240

Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Exterior	·	'	<u>'</u>	•
Exterior Walls				
Masonry: Brick	92%	LIFE **	5 \$12,100	
Metal Panel	5%	2050 * *	5-10 \$4,500	
Pre-Cast Concrete	3%	LIFE **	5 \$1,300	
Windows				
Aluminum	90%	2046 **	5 \$300	
Glass Block	10%	LIFE **	5	
Parapets				
Masonry: Brick	80%	LIFE **	5 \$5,500	
Metal Panel	5%	2050 * *	5 \$1,500	
Metal: Cage/Fence	15%	2043 **	5-10 \$8,000	
Roof				
Modified Bitumen	90%	2035 **	10 \$10,100	
Skylight, Metal/Glass	10%	2050 **	10 \$3,700	
Interior				
Floors				
Cast in Place Concrete	5%	LIFE **	5 \$1,300	
	Paint Peeling, Extent : Light, Area	a Affected : 25%		
	Location: Mechanical Room			
Ceramic Tile	5%	2039 * *	5 \$600	
Vinyl Tile	90%	2035 **	3 \$3,900	
Interior Walls				
Concrete Masonry Unit	20%	LIFE **	5 \$800	
Gypsum Board	80%	LIFE **	5 \$5,000	
Ceilings				
AcousTileSusp.Lay-In	40%	2043 * *	5 \$4,700	
Exposed Struc: Steel	5%	LIFE **		
Fiber Board	45%	2035 **		
	Other Observation, Extent: Light,	Area Affected : 100%		
	Location : Main Seating Area			
	Explanation : Actual Material Is	Fabric Panel		
Gypsum Board	10%	LIFE **	5 \$1,500	
Site Enclosure				
Fence/Gates				
Iron Picket	100%	2065 * *		
	Deteriorated Finish, Extent : Ligh	t, Area Affected : 5%		
	Location : Along Nostrand Aven	ue		
Site Pavements				
Public Sidewalk				
Cast in Place Concrete	100% 4+ \$	600 2043 **		
	Misaligned/Bulging, Extent: Ligh			
	Location : Along Nostrand Aven	ие		
On-Site Walkways				
Pavers/Stone	100%	2039 **		

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 CLARENDON BRANCH LIBRARY

Asset #: 13240

Electrical	Current Rep	oair Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2040	* *	5	\$200	
	Other Observation, Exte		! : 100%			
	Location : Electrical R		4, 500, 4			
0 1 /0 1 1	Explanation : Main Se	rvice Disconnect Rated	At 500 Amperes			
Switchgear / Switchboard Molded Case Bkrs	100%	2040	* *	5	\$200	
	100%	2040		5	\$200	
Raceway Conduit	100%	2040	* *	1		
Panelboards	10070	2040		1		
Fused Disc Sw	10%	2038	* *	5		
Molded Case Bkrs	90%	2038	* *	5	\$200	
Wiring	9070	2036			\$200	
Thermoplastic	100%	2040	* *	1		
Motor Controllers	10070	2010		1		
Locally Mounted	100%	2035	* *	5	\$100	
Ground	10070	2033			Ψ100	
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting					· · · · · · · · · · · · · · · · · · ·	
Interior Lighting						
LED	100%	2035	* *			
Egress Lighting						
Emergency, Battery	50%	2030	\$5,700	10	\$900	
Exit, Service	50%	2030	\$600	1		
Exterior Lighting						
LED	50%	2035	* *			
	Other Observation, Exte	nt : Light, Area Affectea	! : 100%			
	Location : Perimeter					
	Explanation : Operated	d Via Photocell				
No Component	50%					
Alarm						
Security System	500/					
No Component	50%	2025	* *	1	#1.500	
Generic	50% Other Observation, Exte	2035		1	\$1,500	
	Location : Throughout		1: 100%			
	Explanation : Surveille					
Fire/Smoke Detection	Explanation : Survettle	ince Cameras				
No Component	50%					
Generic, Analog	50%	2030	\$43,800	1-3	\$2,400	
Generic, Analog	Other Observation, Exte			1-3	φ2,π00	
	Location: Throughout					
		ells, Manual Pull Station	n, Strobe Lights			

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 CLARENDON BRANCH LIBRARY

Asset #: 13240

Mechanical		Current I	Repair	Futur	e Replacement	M	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%			2040	* *	1			
Conversion Equipment Hot Water Boiler		0-2 led Life, Ex : Boiler R	\$61,000 tent : Severe, Area oom	2050 Affected	**	1	\$3,500		
Distribution Hot Wtr Piping/Pump	Location	: Boiler R	Extent : Moderate, 2 oom o Controls Issues	2038 Area Affe	* * octed : 20%	4	\$600		
Terminal Devices									
Air Handler	85%			2025	\$94,600	1	\$4,100		
Convector/Radiator	15%			2035	* *	1	\$400		
Air Conditioning Energy Source Electricity	100%			2046	* *	1			
Conversion Equipment Int Pkg Unit - Heating/Cooling	100%			2028	\$168,300	2	\$500		
Treating/Cooling	-	gerant, Ex : Equipme	tent : Light, Area A ent Room	ffected :	100%				
Ventilation									
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,300		
Exhaust Fans	100%			2030	¢12 100	2	£200		
Roof Plumbing	100%			2030	\$13,100	2	\$200		
H/C Water Piping Brass/Copper	100%			2040	* *	1			
Water Heater Gas Fired	100%			2025	\$4,800	2	\$100		
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.

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : CLINTON HILL BRANCH LIBRARY

Address : 380 WASHINGTON AVE. BTWN GREENE AVE - LAFAYETTE AVE

Borough : BROOKLYN Agency's Number : 83

Area Sq Ft : 7,500 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 18-Jun-2019 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Roof, Floors 1

Block : 1945 Lot : 36 BIN : 3055495

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$65,100	\$325,500
Interior Architecture		\$83,200
Electrical	\$45,700	\$74,900
Total	\$110,800	\$483,700
Importance Code A	\$65,100	\$325,500
Importance Code B	\$45,700	\$158,100
Total	\$110,800	\$483,700

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$29,000			
Interior Architecture	\$7,900	\$500	\$1,000	
Electrical	\$500	\$400	\$500	\$37,300
Mechanical	\$5,900	\$1,900	\$3,900	\$1,900
Site Enclosure	\$1,900			
Total	\$45,200	\$2,800	\$5,400	\$39,200
Importance Code A	\$29,400	\$400	\$400	\$500
Importance Code B	\$13,900	\$2,300	\$5,100	\$38,700
Importance Code C	\$1,900	\$200		
Total	\$45,200	\$2,800	\$5,400	\$39,200



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 CLINTON HILL BRANCH LIBRARY

Asset #: 13242

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior	•			•				•
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	\$9,900	
Stucco Cement		Now	\$29,000	2043	**	5	\$5,300	
			, Extent : Moderat					
		_	out Lower Portion Extent : Moderate, 2		-			
			xieni : Moderaie, A ous Band At Top O		eciea : 100%			
			sed Aggregate Fini					
Windows	Блринии	ion . Expo.	seu Aggreguie I ini	SIL				
Aluminum	100%			2046	* *	5	\$600	
Roof								
Modified Bitumen	100%	Now	\$65,100	2030	\$325,500			
			xtent : Moderate, A					
	Location	: Various	Locations In The M	1ain Rea	ding Room			
Soffits	40			205-		_		
Stucco Cement	100%			2035	* *	5		
			xtent : Light, Area	Affectea	t : 100%			
			And Door Soffits					
Interior	Expianai	ion : Inis I	Is Actually An Expo	osea Agg	regate Finish			
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$2,300	
Ceramic Tile	5%			2033	* *	5	\$500	
Panel/Paver: Cer/Brk	5%			2046	* *	5	\$1,200	
Vinyl Tile	80%			2030	\$83,200	3	\$3,100	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$500	
Concrete Masonry Unit	70%			LIFE	* *	5	\$2,500	
Gypsum Board	25%			LIFE	* *	5	\$1,400	
Ceilings	000/	4	Φ π 000	20.42	* *	_	0.4.2 00	
AcousTileSusp.Lay-In	80%	4+ Niccolonina	\$7,900	2043		5	\$4,200	
	_	-	Extent : Moderate or Of South Wall O					
			xtent : Moderate, A		-			
			r Of South Wall O					
Exposed Struc: Steel	10%	. 1 0, ,,,,,,,,,		LIFE	**			
Gypsum Board	10%			LIFE	* *	5	\$1,300	
Site Enclosure	1070			LIII			\$1,500	
Fence/Gates								
Chain Link	60%	Now	\$1,900	2050	* *			
			ents, Extent : Mod		ea Affected : 10%			
	Location	: North Al	leyway					
Iron Picket	40%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			

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 CLINTON HILL BRANCH LIBRARY

Asset #: 13242

Architecture	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
On-Site Walkways							
Cast in Place Concrete	100%		2035	* *			

Electrical	Current Repair	Future	Replacement	М	Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2030	\$1,700	5	\$200	
	Other Observation, Extent		100%			
	Location : Electrical Roo		Consider L			
Ci4-1	Explanation: One 400 Ar	npere Main Disconnect	Switch			
Switchgear / Switchboard Molded Case Bkrs	100%	2030	\$38,000	5	\$200	
Raceway	10070	2030	\$30,000		\$200	
Conduit	100%	2030	\$36,900	1		
Panelboards	10070	2030	Ψ30,700	-		
Fused Disc Sw	5%	2029	\$900	5		
Molded Case Bkrs	95%	2029	\$16,700	5	\$200	
Wiring			+ - /			
Thermoplastic	100%	2030	\$32,600	1		
Motor Controllers						
Locally Mounted	100%	2028	\$17,800	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting	200/	2025	#17.700	10	Ø1 400	
Fluorescent	20%	2025	\$17,700	10	\$1,400	
	T-12 Lamps And Fixtures, A Location: Mechanical Ro		eciea : 100%			
1.55			* *			
LED	80%	2035	* *			
Egress Lighting	5 00/	2025	* *	10	\$000	
Emergency, Battery	50% 50%	2035 2035	* *	10 1	\$900	
Exit, Service	30%	2033		1		
Exterior Lighting HID	50%	2025	\$16,700	10		
ШБ	Other Observation, Extent			10		
	Location : Perimeter	. Bigiii, mea nyjeetea .	100/0			
	Explanation: Operated V	ia Timer				
No Component	50%					
Alarm	5070					
Security System						
No Component	30%					
Generic	70%	2035	* *	1	\$2,000	

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 CLINTON HILL BRANCH LIBRARY

Asset #: 13242

Electrical	Current	Repair Fu	ture Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Ye	ar Estimated Cost Y	Cycle (Yrs)	Estimated Cost	Priority
Alarm						
Fire/Smoke Detection						
No Component	50%					
Generic, Analog	50%	202	25 \$45,700	1-3	\$2,400	

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
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								
Furnace	100%			2035	* *	1	\$3,700	
			xtent : Light, Area	Affected	: 100%			
	Location							
	Explana	ion : 2 Uni	ts					
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$9,800	
Terminal Devices								
Air Handler/Cool/Ht	100%			2035	* *	1	\$4,600	
Heat Rejection								
Air Cooled Condenser	100%			2035	* *	2	\$5,200	
Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,200	
Exhaust Fans								
Roof	100%			2035	* *	2	\$200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2043	* *	1		
Water Heater								
Gas Fired	100%	Now	\$5,000	2030	\$5,000	2	\$100	
	Broken, E	ctent : Seve	re, Area Affected :	100%				
	Location	: 1st Floor	· Mechanical Roon	ı				
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%			
	Location	: 1st Floor	· Mechanical Roon	ı				
	Explana	ion : 40 Ga	allon Tank					
Sanitary Piping	•							
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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.

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BROOKLYN PUBLIC LIBRARY - 038 CLINTON HILL BRANCH LIBRARY

Asset #: 13242

Mechanical	Current Repa	ir Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Backflow Preventer						
No Component	90%					
Generic	10%	2035	* *	1	\$100	
Fixtures						
Generic	100%					
	Obsolete Fixtures, Extent	: Moderate, Area Affec	cted : 100%			
	Location : Main Floor					

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

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : CONEY ISLAND BRANCH LIBRARY
Address : 1901 MERMAID AVE. W. 19TH STREET

Borough : BROOKLYN Agency's Number : 32

Area Sq Ft : 14,000 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 31-Jul-2019 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 7019 Lot : 43 BIN : 3189001

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$301,400	\$290,100
Electrical		\$15,200
Total	\$301,400	\$305,200
Importance Code A	\$301,400	\$290,100
Importance Code B		\$15,200
Total	\$301,400	\$305,200

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$15,700			
Interior Architecture	\$15,500	\$1,700		\$2,500
Electrical	\$700	\$800	\$700	\$11,000
Mechanical	\$1,500	\$1,200	\$6,800	\$1,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$37,300	\$7,700	\$11,400	\$18,700
Importance Code A	\$16,400	\$700	\$700	\$700
Importance Code B	\$19,800	\$6,400	\$10,700	\$17,900
Importance Code C	\$1,100	\$600		
Total	\$37,300	\$7,700	\$11,400	\$18,700



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.

Asset #: 13243

rchitecture	Current F	Current Repair		Future Replacement		Maintenance	
vstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
terior							
Exterior Walls	80% Now	\$44.600	LIFE	* *	5	\$27.200	
Masonry: Brick	80% Now Vertical Cracks, Exte	\$44,600 nt : Moderate Are			3	\$27,300	
	Location: At Rear I						
Masonry: Granite	5%		LIFE	**	5	\$1,300	
Metal/Glass Curt Wall	15%		LIFE	* *	5	\$9,600	
	Thermally Inefficient, Location : Main En	-	ea Affecte	d : 100%			
Windows							
Aluminum	75% Now	\$1,200	2046	* *	5	\$700	
	Water Penetration, E. Location: 1st Floor			ted : 5%			
Under Construction	25%						
Parapets	1.50/ 37	4-1 000			_	****	
Cast Stone/Terra Cotta	15% Now	\$71,800	LIFE	* *	5	\$4,000	
	Worn/Eroded, Extent Location : Through		cted : 100%	% 0			
	Other Observation, E		na Affactad	. 100%			
	Location : Through		ги Ајјестеи	. 100/0			
	Explanation : Cover		e Sinole Pi	lv Ruhher Due To	Damaga	9	
Masonry: Brick	85% Now	\$185,000	LIFE	**	5	\$3,000	
Masonry. Brick	Spalling, Extent: Lig				3	\$5,000	
	Location : Above Po			ashing			
	Other Observation, E	•		-			
	Location : Through		35				
	Explanation : Cover		e Single Pi	ly Rubber Due To	Damage	?	
Roof				-			
Modified Bitumen	95% Now	\$14,500	2030	\$290,100			
	Blisters, Extent: Ligh						
	Location : Adjacent	To Mechanical E	quipment (On Main Roof			
Skylight, Metal/Glass	5%		2040	* *	10	\$3,500	
	Deteriorated Finish,	0	00	: 100%			
	Location : Stair Bul	khead Roof And M	Iain Roof				
Soffits	1000/			ala de	-		
Cast in Place Concrete	100%		LIFE	* *	5		
erior							
Floors Carpet	10%		2031	\$29,000	3	\$4,200	
Cast in Place Concrete	10%		LIFE	\$29,000	5	\$4,600	
Ceramic Tile	10%		2043	* *	5	\$2,100	
Terrazzo	15%		LIFE	* *	5	\$2,500	
Vinyl Tile	55% Now	\$10,600	2035	* *	3	\$4,300	
	Broken/Missing Elem			a Affected : 20%	٥	Ψ1,500	
	Location: Through			55 7 = 47.0			

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.

Asset #: 13243

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
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%			2043	* *	5	\$1,300	
Glass: Single Pane	5%			LIFE	* *	5	\$900	
Gypsum Board	50%			LIFE	* *	5	\$7,600	
Masonry: Brick	15%			LIFE	* *			
Plaster	_	Now	\$1,100	LIFE	* *	5	\$1,900	
	_	_	Extent : Moderate	, Area Aj	ffected : 5%			
			l At Roof Bulkhead					
		-	t : Light, Area Affec	eted : 109	%			
	Location	: Stairwel	l At Roof Bulkhead					
Ceilings								
AcousTileSusp.Lay-In	30%			2047	* *	5	\$5,400	
Gypsum Board	35%			LIFE	* *	5	\$7,900	
Plaster	25%			LIFE	* *	5	\$2,800	
	Paint Pee	ing, Extent	: Light, Area Affec	ted: 109	%			
	Location	: Stairwel	l					
Wood	10%			LIFE	* *	5	\$15,700	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
			Extent : Light, Area					
	Location	: Along M	Termaid Avenue And	d 19th St	reet			
	Explana	tion : Unde	r Construction					
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	95%			2039	* *			
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: North Si	de Of Building					
	Explana	tion : For N	NYC Zipcars					
Cast in Place Concrete	5%			2043	* *			
Cast III I lace Collected	370			2043				

Electrical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2050	* *	5	\$100	
	Other Observation, Extent : Light, Area	a Affected	: 100%			
	Location : Boiler Room					
	Explanation: 600 Amperes Service					
Switchgear / Switchboard						
Fused Disc Sw	100%	2050	* *	5	\$100	

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.

Asset #: 13243

Electrical	Current Rep	Current Repair Future Re		eplacement Ma		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2050	* *	1		
Panelboards						
Molded Case Bkrs	100%	2046	* *	5	\$400	
Wiring Thermoplastic	100%	2050	* *	1		
Motor Controllers Locally Mounted	100%	2043	* *	5	\$100	
Ground					<u></u>	
Grounding Devices Not Accessible	100%					
Lighting	100,0					
Interior Lighting						
Fluorescent	80%	2035	* *	10	\$10,300	
	T-8 Lamps And Fixtures, Location : Throughout	, Extent : Light, Area Affe The Building	ected : 100%			
Fluorescent	10%	2030	\$15,200	10	\$1,300	
	T-8 Lamps And Fixtures, Location: Basement	, Extent : Light, Area Affe	ected : 100%			
Incandescent	10%	2030	\$15,200	2		
Egress Lighting			-			
Emergency, Service	50%	2030	\$3,700	1		
Exit, LED	50%	2058	* *	1		
Alarm						
Security System						
No Component	50%					
Generic	50%	2035	* *	1	\$2,600	
	Other Observation, Exter Location : First And Se	nt : Light, Area Affected : econd Floor	100%			
	Explanation : Cameras	3				
Fire/Smoke Detection						
No Component	50%					
Generic, Digital	50%	2035	* *	1-3	\$4,300	

lechanical	Current	Repair	Future Replacement		Maintenance		
ystem Component Type	% of Fail Date Total (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating							
Energy Source							
Natural Gas	100%	2	2050	* *	1		
Conversion Equipment							
Hot Water Boiler	100%	2	2043	* *	1	\$6,900	
Distribution							
Hot Wtr Piping/Pump	100%	2	2046	* *	4	\$1,000	
Terminal Devices							
Convector/Radiator	100%	2	2043	* *	1	\$4,500	

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.

Mechanical	Current Re	pair Futur	e Replacement	M		
System Component Type	% of Fail Date F Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2046	* *	1		
Conversion Equipment						
Split Unit	50%	2035	* *			
Under Construction	50%					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2	\$18,200	
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$7,800	
Exhaust Fans						
Roof	100%	2035	* *	2	\$400	
Plumbing H/C Water Piping	1000/		* *			
Brass/Copper	100%	2050	* *	1		
Water Heater					****	
Gas Fired	100%	2028	\$8,700	2	\$200	
	Location : 1st Floor N		! : 100%			
	Explanation : One 50	Gallon Unit				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Ext Location : 1st To 2nd	ent : Light, Area Affected Floor	! : 100%			
	Explanation: One Un	iit				

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.

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : CORTELYOU BRANCH LIBRARY
Address : 1305 CORTELYOU RD. @ARGYLE RD.

Borough : BROOKLYN Agency's Number : 87

Area Sq Ft : 7,500 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 02-Jul-2019 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 5144 Lot : 80 BIN : 3118362

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture		\$132,000
Interior Architecture		\$39,300
Electrical		\$81,400
Total		\$252,700
Importance Code A		\$132,000
Importance Code B		\$120,700
Tr. 4.1		2272 = 22

Total \$252,700

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$13,200	\$200		\$200
Interior Architecture	\$1,800	\$100	\$500	
Electrical	\$10,700	\$500	\$400	\$1,400
Mechanical	\$1,300	\$2,200	\$4,200	\$2,200
Site Pavements	\$1,800			
Total	\$28,800	\$3,000	\$5,100	\$3,800
Importance Code A	\$13,600	\$500	\$400	\$600
Importance Code B	\$13,400	\$2,500	\$4,700	\$3,200
Importance Code C	\$1,800			
Total	\$28,800	\$3,000	\$5,100	\$3,800



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.

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
xterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	\$9,900	
Windows								
Aluminum	100%			2038	* *	5	\$300	
Parapets	0.50/			LIDE	יט יט	-	01.700	
Masonry: Brick	95%			LIFE	* *	5	\$1,700	
Metal Panel	5%			2050	* *	5	\$400	
Roof Modified Bitumen	1000/	Now	¢12 200	2030	¢122 000			
Modified Bitumen		ıg, Extent :	\$13,200 Moderate, Area A		\$132,000 20%			
		xtent : Mod : Through	derate, Area Affect out	ed : 40%	Ó			
		on Func/M : Through	iss, Extent : Moder out	ate, Area	a Affected : 60%			
	Patching I	Evident, Ex	tent : Moderate, A out Main Roof	rea Affec	eted : 15%			
		_	Extent : Light, Area	Affected	' : 5%			
			eting Room And K					
terior			-					
Floors								
Ceramic Tile	5%			2033	* *	5	\$200	
Vinyl Tile	95%			2030	\$39,300	3	\$1,600	
Interior Walls	0.50/					_		
Concrete Masonry Unit	95%			LIFE	* *	5	\$4,000	
Glass: Single Pane	2%			LIFE	**	5	\$200	
Gypsum Board	3%			LIFE	· · · ·	5	\$200	
Ceilings	90%	4 +	¢1 000	2042	* *	5	£2,000	
AcousTileSusp.Lay-In		4+ Discoloring	\$1,800 Extent : Light, Ar,	2043		5	\$2,000	
	_	_	Room And Kitcher		cu . 570			
		_	xtent : Light, Area		: 5%			
			Room And Kitcher					
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	\$300	
te Enclosure	270			<u> </u>			4200	
Fence/Gates								
Iron Picket	100%			2065	* *			
te Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways		·						
Cast in Place Concrete		Now	\$1,800	2035	* *			
	_	Crumbling, : Entry Co	Extent : Moderate ourtyard	e, Area Ą	ffected : 15%			
		Hazard, Ext : Entry Co	tent : Moderate, Ar ourtyard	ea Affect	ted : 5%			

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.

Asset #: 13244

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment					_		
Fused Disc Sw	100%		2040	**	5		
		servation, Extent : Moderate, n : Electrical Room	Area Affe	ected : 100%			
		i : Electrical Room tion : Two 200 Ampere Main	Disconno	ect Switches			
Switchgear / Switchboard	Ехріини	uon . 1 wo 200 Ampere Muin	Disconne	ect Switches			
Fused Disc Sw	100%		2040	* *	5		
Raceway	10070						
Conduit	90%		2040	* *	1		
Conduit	10%		2050	* *	1		
Panelboards							
Fused Disc Sw	5%		2038	* *	5		
Molded Case Bkrs	65%		2038	* *	5	\$100	
Molded Case Bkrs	30%		2046	* *	5	\$100	
Wiring	200/		2050	* *	1		
Thermoplastic Thermoplastic	20% 80%		2050 2040	**	1 1		
Motor Controllers	8070		2040		1		
Locally Mounted	100%		2035	* *	5	\$100	
Ground	10070		2000			Ψ100	
Grounding Devices							
Generic	100%	. ,	LIFE	* *	5	\$100	
		servation, Extent : Moderate,	Area Affe	ected : 100%			
		: Water Main					
T 1 1	Explana	tion : Corroded					
Lighting Interior Lighting							
Fluorescent	70%		2030	\$57,000	10	\$4,800	
Tuorescent		s And Fixtures, Extent : Light			10	Ψ1,000	
	_	: Throughout	00				
Fluorescent	30%		2030	\$24,400	10	\$2,100	
	T-12 Lam	ps And Fixtures, Extent : Ligh		· ·		. ,	
	Location	: Throughout					
Egress Lighting							
Emergency, Battery	50%		2035	* *	10	\$900	
Exit, LED	50%		2058	* *	1		
Exterior Lighting	0.507		2020	\$6.500	2		
Incandescent LED	25% 25%		2030	\$6,500 * *	2		
No Component	50%		2035				
Alarm	3070						
Security System							
No Component	30%						
Generic	70%		2035	* *	1	\$2,000	
·				·		·	

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.

Asset #: 13244

Electrical	Current	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm							
Fire/Smoke Detection							
No Component	50%						
Generic, Analog	50%		2035	* *	1-3	\$2,300	

Mechanical		Current Repair		e Replacement	М		
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2050	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2043	* *	1	\$3,700	
		rvation, Extent : Light, Area	Affected	: 100%			
		1st Floor Boiler Room					
	Explanation	on: 1 Unit					
Distribution							
Hot Wtr Piping/Pump	100%		2046	* *	4	\$600	
Terminal Devices							
Air Handler	70%		2035	* *	1	\$3,300	
Convector/Radiator	30%		2043	* *	1	\$700	
Air Conditioning							
Energy Source							
Electricity	100%		2046	* *	1		
Conversion Equipment							
Reciprocating	100%		2035	* *	1	\$3,500	
Compr/Chiller							
		rigerant, Extent : Light, Area	i Affected	d : 100%			
	Location :	Kooj					
Distribution	1000/			ماد ماد		40.000	
Ductwork/Diffusers	100%		LIFE	* *	2	\$9,800	
Terminal Devices	1000/			ats ats			
Air Handler/Dir	100%		2035	* *	1		
Expansion							
Heat Rejection	1000/		2025	* *		4.5.2 00	
Air Cooled Condenser	100%		2035	* *	2	\$5,200	
Unit							
Ventilation							
Distribution	1000/		LIEE	* *	2.5	4.200	
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,200	
Exhaust Fans	700/		2025	* *	2	#200	
Interior	70%		2035	* *	2	\$200	
Roof	30%		2035	* *	2	\$100	
Plumbing							
H/C Water Piping	1000/		20.40	ملد براي	1		
Brass/Copper	100%		2040	* *	1		

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.

echanical	Current Repair	Future R	Future Replacement		Maintenance	
vstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
ambing						
Water Heater						
Gas Fired	100%	2028	\$4,600	2	\$100	
	Other Observation, Extent : Light, Area	a Affected : 10	00%			
	Location: 1st Floor					
	Explanation: 40 Gallon Unit					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : CYPRESS HILLS BRANCH LIBRARY
Address : 1197 SUTTER AVENUE @ CRYSTAL ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : BPL0C88.000 / 14460 Yr Built/Renovated : 1995 /

Area Sq Ft : 6,999 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 28-Feb-2019 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 4247 Lot : 33 BIN : 3252993

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$35,600	
Total	\$35,600	
Importance Code A	\$35,600	
Total	\$35,600	

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$31,300			\$1,400
Interior Architecture	\$5,700		\$100	\$1,000
Electrical	\$200	\$300	\$200	\$7,600
Mechanical	\$800	\$700	\$3,800	\$700
Total	\$38,000	\$1,000	\$4,100	\$10,600
Importance Code A	\$31,700	\$300	\$300	\$1,700
Importance Code B	\$6,400	\$600	\$3,600	\$8,900
Importance Code C			\$100	
Total	\$38,000	\$1,000	\$4,100	\$10,600



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.

Asset #: 14460

Architecture	Current F	Current Repair Future Replacen		Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	2.70/	** **********************************		de de	_	40.600	
Concrete Masonry Unit	95% 4+	\$30,600	LIFE	**	5	\$8,600	
	Joint Mortar Miss/Er Location : East Side	-	Area Affec	ted : 10%			
M (I D) 1		EXII	2050	* *	5.10	Φ7.000	
Metal Panel	5%		2050	* *	5-10	\$5,000	
Windows Aluminum	100%		2046	* *	5	\$1.200	
	10070		2040			\$1,200	
Parapets Concrete Masonry Unit	90%		LIFE	* *	5	\$400	
Pre-Cast Concrete	10%		LIFE	* *	5	\$300	
Roof	10/0		LILE		3	\$300	
Metal Panel	95%		2043	* *	10	\$35,600	
Wietai i aliei	Deteriorated Finish,	Extent : Light, Area		: 5%	10	Ψ35,000	
	Location : Through	0	55				
Modified Bitumen	5% 0-2	\$800	2035	* *			
Widdined Bitainen	Drains Inad/Misposn,			ected : 5%			
	Location : Through		.,				
	Ponding, Extent : Mo		ted : 10%				
	Location : Through						
Soffits							
Exposed Struc: Steel	100%		LIFE	* *	5	\$2,700	
nterior							
Floors							
Cast in Place Concrete	20%		LIFE	* *	5	\$4,500	
	Paint Peeling, Extent Location : Basemen		eted : 15%				
Ceramic Tile	5% 4+	\$200	2039	* *	5	\$300	
	Joint Mortar Miss/Er Location : Public Te	0	Area Affec	ted : 5%			
Vinyl Tile	75% 2-4	\$3,600	2035	* *	3	\$2,900	
· myr rne	Cracking/Crumbling, Location: Through	Extent : Light, Are		: 5%	5	\$2, 500	
	Patching Evident, Ext		Iffected · 5	%			
	Location: Through		gycerea . 5	, 0			
Interior Walls							
Cast in Place Concrete	20%		LIFE	* *			
Ceramic Tile	3%		2039	* *	5	\$300	
Concrete Masonry Unit	2%		LIFE	* *	5	\$100	
Gypsum Board	30%		LIFE	* *	5	\$1,800	
Plaster	45%		LIFE	* *	5	\$1,300	

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.

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estin (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	20%	4+	\$1,900	2043	* *	5	\$1,100	
	Broken/Mi	ssing Elements, E	Extent : Light	t, Area A	ffected : 5%			
	Location	: Back Office Are	eas					
	Staining/D	iscoloring, Exten	t : Moderate	, Area A	ffected : 5%			
	Location	: Throughout						
Gypsum Board	30%			LIFE	* *	5	\$4,100	
Plaster	50%			LIFE	* *	5	\$3,400	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
	Deteriorat	ed Finish, Extent	: Light, Area	a Affecte	d : 5%			
	Location	: Main Entrance						
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways	•		•	•		•		
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair	Future Repla	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2050	* *	5		
	Other Observation, Extent : Lig	ght, Area Affected : 100%				
	Location : Electrical Room					
	Explanation : One 600 Ampe	re Main Disconnect Switch	h			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2050	* *	5	\$200	
Raceway						
Conduit	100%	2050	* *	1		
Panelboards						
Fused Disc Sw	10%	2046	* *	5		
Molded Case Bkrs	90%	2046	* *	5	\$200	
Wiring						
Thermoplastic	100%	2050	* *	1		
Motor Controllers						
Locally Mounted	100%	2043	* *	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
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.

Asset #: 14460

Electrical	Current Rep	air Future Repl	Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year Estim	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	20%	2035	* *	10	\$1,300	
	T-12 Lamps And Fixture Location : Throughout	s, Extent : Light, Area Affected The Building	: 100%			
Fluorescent	80%	2035	* *	10	\$5,100	
	T-8 Lamps And Fixtures, Location : Throughout	Extent : Light, Area Affected : The Building	100%			
Egress Lighting						
Emergency, Battery	50%	2035	* *	10	\$800	
Exit, Service	50%	2035	* *	1		
Exterior Lighting						
HID	50%	2035	* *	10		
No Component	50%					
Alarm						
Security System						
No Component	70%					
Generic	30%	2035	* *	1	\$800	
Fire/Smoke Detection						
No Component	70%					
Generic, Analog	30%	2035	* *	1-3	\$1,300	

Mechanical	Current Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2050	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2035	* *	1	\$3,500	
	Other Observation, Extent:	Light, Area Affected	: 100%			
	Location: Basement					
	Explanation: 3 Units					
Distribution						
Hot Wtr Piping/Pump	100%	2038	* *	4	\$500	
Terminal Devices						
Convector/Radiator	50%	2043	* *	1	\$1,100	
Fan Coil Unit/Heat	50%	2035	* *	1	\$1,100	
Air Conditioning						
Energy Source						
Electricity	100%	2046	* *	1		
Conversion Equipment						
Exterior Pkg Unit -	100%	2035	* *	2	\$400	
Cooling						
C	R-22 Refrigerant, Extent : I Location : 2 Rooftop Unit.		100%			

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.

lechanical	Current R	Current Repair Future Replaceme		eplacement	ent Maintenance		
ystem Component Type	% of Fail Date Total (Years)		ear Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
ir Conditioning							
Distribution							
Ductwork/Diffusers	100%	LI	FE	* *	2	\$9,100	
entilation							
Distribution							
Ductwork/Diffusers	100%	LI	FE	* *	2-5	\$3,900	
Exhaust Fans							
Roof	30%	20)35	* *	2	\$100	
No Component	70%						
umbing							
H/C Water Piping							
Brass/Copper	100%	20)50	* *	1		
Water Heater							
Gas Fired	100%)28	\$4,300	2	\$100	
	Other Observation, Ex		ected : 10	00%			
	Location: 1st Floor						
	Explanation : 40 Ga	llon Unit					
Sanitary Piping							
Cast Iron	100%	LI	FE	* *	1		
Sump Pump(s)							
Submersible	100%	20)24	\$200	4	\$100	
Backflow Preventer							
Generic	100%	20)35	* *	1	\$400	
Fixtures							
Generic	100%						

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.

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : DEKALB BRANCH LIBRARY

Address : 790 BUSHWICK AVE. @DEKALB AVE.

Borough : BROOKLYN Agency's Number : 35

Area Sq Ft : 12,584 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 25-Oct-2017 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1, Mez

Block : 3241 Lot : 18 BIN : 3073751

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$387,300	\$37,200
Interior Architecture	\$143,100	
Electrical	\$17,800	\$63,800
Mechanical	\$171,700	
Total	\$719,800	\$101,000
Importance Code A	\$387,300	\$37,200
Importance Code B	\$332,500	\$63,800
Total	\$719,800	\$101,000

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$7,400			\$5,000
Interior Architecture	\$23,900		\$2,900	\$1,800
Electrical	\$1,100	\$1,000	\$13,400	\$1,100
Mechanical	\$1,600	\$1,200	\$70,700	\$1,500
Site Enclosure	\$11,500			
Site Pavements	\$1,500			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$51,100	\$6,100	\$90,900	\$13,400
Importance Code A	\$8,100	\$600	\$800	\$5,600
Importance Code B	\$28,100	\$5,500	\$90,100	\$7,800
Importance Code C	\$14,900			
Total	\$51,100	\$6,100	\$90,900	\$13,400



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.

Asset #: 13245

chitecture	Current Repair	Future Repl	acement	М	aintenance	
stem Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estim	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior						
Exterior Walls Cast Stone/Terra Cotta	15% Now \$59,2 Joint Mortar Miss/Erod, Extent : M Location : Cornice		* * ted : 25%	5	\$24,100	
Masonry: Brick	83% Now \$121,3 Cracking/Crumbling, Extent: Seven Location: Throughout Joint Mortar Miss/Erod, Extent: M Location: Throughout Sidewalk Shed in Use, Extent: Mod Location: Along Bushwick Avenue	re, Area Affected : 20 Ioderate, Area Affect Ierate, Area Affectea	ed : 20%	5	\$17,100	1
Masonry: Sandstone	2% Now \$7,4 Broken/Missing Elements, Extent: Location: Window Sills Joint Mortar Miss/Erod, Extent: So Location: Window Sills	Severe, Area Affecte		5	\$300	1
Windows						
Wood	100% Now \$206,8 Air Infiltration, Extent: Moderate, Location: Throughout Split/Cracked, Extent: Moderate, A Location: Throughout Water Penetration, Extent: Moderate Location: Main Reading Room	Area Affected : 1009 Area Affected : 50%		5	\$23,400	
Parapets						
Cast Stone/Terra Cotta	23% Staining/Discoloring, Extent : Ligh Location : Throughout	LIFE t, Area Affected : 50	**	5	\$8,700	
Masonry: Brick	75%	LIFE	* *	5	\$3,700	
Masonry: Limestone	2%	LIFE	* *	5	\$100	
Roof						
Copper/Terne	85%	2057	* *	10	\$37,200	
Roll Roofing	5%	2025	\$4,300	5	\$1,500	
Single Ply Membrane	10%	2029	\$32,600	10	\$1,800	
Soffits				_		· <u> </u>

Interior

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.

Asset #: 13245

Architecture		Current I	Repair	Futur	e Replacement	N	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cos	Cycle (Yrs)	Estimated Cost	Priorit
nterior								
Floors	100/				at.		42.000	
Cast in Place Concrete	10%			LIFE	*	5	\$3,900	
Ceramic Tile	5%			2032	*	5	\$900	
Sheet Vinyl/Rubber	5%	4.	¢142 100	2034	*	5	\$1,300	
Vinyl Tile	Adhesion Failure, Extent: Moderate, Area Affected: 50% Location: Throughout Main Floor							
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20% Location : Throughout Main Floor							
	Loose Units, Extent: Moderate, Area Affected: 50%							
			out Main Floor	јестей.	3070			
Interior Walls		3 .						
Ceramic Tile	5%			2032	*	* 5	\$900	
Concrete Masonry Unit	10%	Now	\$2,300	LIFE	*		\$700	
		etration, E : Basemen	xtent : Moderate, A st	1rea Affe	ected : 10%			
Gypsum Board	15%			LIFE	*	3	\$1,600	
Plaster		Now	\$10,700	LIFE	*	* 5	\$3,400	
	Location Water Pen	: Custodia etration, E	Extent: Moderate in Room, Technolo ixtent: Moderate, A in Room, Technolo	gy Room 1rea Affe	ected : 5%			
Wood	5%		<u> </u>	LIFE	*	* 5	\$3,500	
Ceilings								
AcousTile,Adhered		4+ issing Elem : Through	\$1,000 tents, Extent : Ligh out	2049 t, Area A	* ffected : 5%	* 5	\$500	
AcousTileSusp.Lay-In	25%			2034	*	* 5	\$4,500	
Exposed Concrete	5%			LIFE	*	* 5	\$100	
Plaster	Location	Crumbling, : Mezzanii	•		-	* 5	\$7,400	
		etration, E : Mezzanii	xtent : Moderate, A ne	1rea Affe	ected : 5%			
ite Enclosure Fence/Gates								
Iron Picket	80%			2049	*	*		
Masonry: Brick	20%			2049	*	*		
Retaining Walls								
Masonry: Brick	Cracking/	Now Crumbling, : Area Wa	\$11,500 Extent : Moderate y	2039 , Area Ą	* ffected : 10%	*		
	_	d/Bulging, : Area Wa	Extent : Moderate, y	Area Af	fected : 10%			

Site Pavements

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.

Asset #: 13245

Architecture		Current Rep	oair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2034	* *			
	Cracking/C	Crumbling, Ex	ctent : Light, Are	a Affecti	ed : 5%			
	Location	: Throughout						
On-Site Walkways								
Asphalt	25%			2032	* *			
Cast in Place Concrete	50%			2034	* *			
Pavers/Stone	25%	0-2	\$1,500	2032	* *			
	Joint Morte	ar Miss/Erod,	Extent : Moder	ate, Ared	a Affected : 10%			
	Location	: Front Steps						

Electrical	Current Repair		e Replacement	Maintenance		
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2029	\$1,700	5	\$300	
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location : Electrical Roc	om				
	Explanation : No Availat	ble Nameplate Rating	Capacity			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2029	\$38,000	5	\$300	
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location : Electrical Roc	от				
	Explanation : 1- Vertical	l Section				
Raceway						
Conduit	70%	2029	\$25,800	1		
Conduit	30%	2049	* *	1		
Panelboards						
Fused Disc Sw	5%	2028	\$900	5		
Molded Case Bkrs	65%	2028	\$11,400	5	\$200	
Molded Case Bkrs	30%	2045	* *	5	\$100	
Wiring					·	
Thermoplastic	30%	2049	* *	1		
Thermoplastic	70%	2029	\$22,800	1		
Motor Controllers						
Locally Mounted	100%	2034	* *	5	\$100	
Ground						
Grounding Devices						
Not Accessible	100%					

Lighting

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.

Asset #: 13245

Electrical	Current Repair	Future R	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
ighting								
Interior Lighting								
Fluorescent	12%	2024	\$17,800	10	\$1,400			
	T-12 Lamps And Fixtures, Extent: Lig Location: Basement	ght, Area Affec	cted : 100%					
Fluorescent	50%	2034	* *	10	\$5,800			
	T-5 Lamps And Fixtures, Extent : Light Location : Reading Areas	ht, Area Affecto	ed : 100%					
Fluorescent	30%	2034	* *	10	\$3,500			
	T-8 Lamps And Fixtures, Extent : Light Location : Basement And 1st Floor	ht, Area Affecto	ed : 100%					
Fluorescent	5%	2037	* *	10	\$600			
	Compact Fluorescent Light, Extent : I Location : Basement	Light, Area Aff	fected : 100%					
LED	3%	2037	* *					
Egress Lighting								
Emergency, Battery	50%	2034	* *	10	\$1,500			
Exit, Service	50%	2034	* *	1				
Exterior Lighting								
HID	30%	2034	* *	10				
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%	2034	* *	1	\$1,400			
	Other Observation, Extent : Light, Are	ea Affected : 1	00%					
	Location: Outside And Inside							
	Explanation:							
E' /C 1 D / /'	CCTV Surveillance Cameras							
Fire/Smoke Detection	1000/	2024	* *	1.2	¢0,000			
Generic, Digital	100%	2034		1-3	\$8,000			
	Other Observation, Extent: Light, Are		00%					
	Location : Throughout The Building Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors And Horns							
	Expianation : Strobe Lights, Manual	i Puli Stations,	, smoke Detecto	ors And I	10rns			

Mechanical	Current Repair	Futur	re Replacement	M	aintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
leating							
Energy Source							
Natural Gas	100%	2039	* *	1			
Conversion Equipment							
Hot Water Boiler	100%	2034	* *	1	\$6,200		
	Other Observation, Extent : Light, Area	Affected	l : 100%				
	Location: Basement Boiler Room						
	Explanation: One Unit						

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.

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
leating								
Distribution								
Hot Wtr Piping/Pump	100%			2037	* *	4	\$600	
Terminal Devices								
Air Handler	25%			2024	\$48,700	1	\$2,000	
Convector/Radiator	75%			2034	**	1	\$3,100	
Air Conditioning	7675						\$2,100	
Energy Source								
Electricity	100%			2037	* *	1		
	10070			2031		1		
Conversion Equipment Exterior Pkg Unit - Cooling	70%			2024	\$78,600	2	\$500	
		gerant, Ext : 2 Units (ent : Light, Area A On Roof	ffected :	70%			
Split Unit	15%			2024	\$44,400			
opin omi	R-22 Refri		ent : Light, Area A Various Locations.	ffected :				
No Component	15%	·				_		
Terminal Devices								
Fan Coil - 2 Pipe	15%			2024	\$33,600	1	\$600	
No Component	85%				+ ,		*	
Heat Rejection								
Air Cooled Condenser Unit	15%			2024	\$3,600	2	\$1,300	
No Component	85%							
entilation entile								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,000	
Exhaust Fans								
Interior	30%			2024	\$14,800	2	\$100	
Roof	70%			2024	\$16,100	2	\$300	
lumbing	7070			2027	\$10,100		Ψ300	
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
	10070			2039		1		
Water Heater	1000/			2027	#0.500	2	Ф200	
Gas Fired	100%			2027	\$8,500	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
ertical Transport								
Elevators								
Hydraulic	Location		xtent : Light, Area t To 1st Floor	LIFE Affected	**			

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.

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BROOKLYN PUBLIC LIBRARY - 038 DEKALB BRANCH LIBRARY

Asset #: 13245

Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : DYKER BRANCH LIBRARY
Address : 8202 13TH AVE. @ 82ND STREET

Borough : BROOKLYN Agency's Number : 82

Area Sq Ft : 7,500 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 11-Jul-2019 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 6302 Lot : 36 BIN : 3164019

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$48,900	
Interior Architecture		\$111,700
Mechanical		\$284,600
Total	\$48,900	\$396,300
Importance Code A	\$48,900	
Importance Code B		\$396,300
Total	\$48,900	\$396,300

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$5,600			
Interior Architecture	\$31,900	\$300	\$1,700	
Electrical	\$7,600	\$300	\$300	\$8,200
Mechanical	\$1,000	\$2,000	\$1,400	\$6,600
Site Pavements	\$17,000			
Total	\$63,100	\$2,600	\$3,400	\$14,900
Importance Code A	\$6,000	\$400	\$400	\$500
Importance Code B	\$57,100	\$2,300	\$2,800	\$14,400
Importance Code C			\$200	
Total	\$63,100	\$2,600	\$3,400	\$14,900



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.

Asset #: 13246

Architecture	Current Repair			Futur	e 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	Cracking/	-	\$2,000 Extent : Light, Ar out Base Of Buildi		* * ed : 5%	5	\$3,300	
Masonry: Brick	80%			LIFE	* *	5	\$10,600	
Pre-Cast Concrete	Joint Mort		\$3,600 ood, Extent : Light, out Top Of Buildin		* * Pected : 5%	5	\$6,500	
Windows								
Aluminum	Broken/Mi	Now ssing Elem : Through		2055 lerate, Ar	* * rea Affected : 100%	5	\$500	
Roof								
Single Ply Membrane	100% Recent Rep Location		ent, Extent : Light,	2038 Area Aff	* * Pected : 100%	10	\$26,700	
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5		
Interior								
Floors Cast in Place Concrete	5%			LIFE	* *	5	\$1,500	
Cast III I lace Concrete Ceramic Tile	5%			2033	* *	5	\$1,300 \$700	
Vinyl Tile	90%			2030	\$111,700	3	\$4,500	
Interior Walls					4 ,		4 - 7,5 - 0 -	
Ceramic Tile	10%			2039	* *	5	\$400	
Concrete Masonry Unit	90%			LIFE	* *	5	\$1,500	
Ceilings AcousTileSusp.Lay-In	90% Broken/Mi	0-2 issing Elem	\$31,900 nents, Extent : Mod	2043 'erate, Ar	* * rea Affected : 5%	5	\$6,100	
	Location	: Kitchen,	Work Room, Meet	ing Roon	ı			
	Location	: Kitchen,	Extent : Severe, A Work Room, Meet	ing Roon	\imath			
			xtent : Moderate, 2 Work Room, Meet					
Gypsum Board	5%			LIFE	* *	5	\$800	
Plaster	5%			LIFE	* *	5	\$400	
Site Enclosure								
Fence/Gates Iron Picket	100%			2050	* *			
Free Standing Walls								
Cast in Place Concrete Retaining Walls	100%			2050	**			
Cast in Place Concrete	100%			2050	* *			

Site Pavements

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.

Asset #: 13246

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	\$17,000	2035	* *			
	O	Crumbling, : Through	Extent : Light, Arc out	ea Affecto	ed : 15%			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Asphalt	80%			2033	* *			
Cast in Place Concrete	20%			2043	* *			

Fail Date Estimated Cost (Years) Servation, Extent: Light, Area a: Electrical Room stion: One 400 Ampere Main 1	FY 2040 Affected	* * : 100%	Cycle (Yrs)	Estimated Cost	Priority
servation, Extent : Light, Area n : Electrical Room	Affected		5	\$200	
servation, Extent : Light, Area n : Electrical Room	Affected		5	\$200	
servation, Extent : Light, Area n : Electrical Room	Affected		5	\$200	
n : Electrical Room		: 100%		Ψ200	
	Disconna				
tion : One 400 Ampere Main I	Discound				
	risconne	ct Switch			
	2040	* *	5	\$200	
	2040	* *	1		
	2050	* *	1		
1	2029	\$800	5		
	2046	* *	5		
ı	2029	\$9,700	5	\$100	
	2052	* *	5	\$100	
	2030	\$21,000	1		
	2050	* *	1		
	2028	\$9,800	5		
	2043	* *	5		
	LIFE				
		2050 2029 2046 2029 2052 2030 2050 2028	2050 ** 2029 \$800 2046 ** 2029 \$9,700 2052 ** 2030 \$21,000 2050 ** 2028 \$9,800 2043 **	2050 ** 1 2029 \$800 5 2046 ** 5 2029 \$9,700 5 2052 ** 5 2030 \$21,000 1 2050 ** 1	2050 ** 1 2029 \$800 5 2046 ** 5 2029 \$9,700 5 \$100 2052 ** 5 \$100 2030 \$21,000 1 2050 ** 1

Lighting

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.

Asset #: 13246

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Lighting				
Interior Lighting				
Fluorescent	98%	2035 **	10 \$6,700	
	Other Observation, Extent : Light, Ar	**		
	Location : Throughout The Building	8		
	Explanation: T-8 Lamps			
Fluorescent	2%	2035 **	10 \$100	
	T-5 Lamps And Fixtures, Extent : Mo	derate, Area Affected : 100%		
	Location: Front Desk			
Egress Lighting				
Emergency, Battery	50%	2035 **	10 \$900	
Exit, Service	50%	2035 **	1	
Exterior Lighting				
LED	30%	2035 **		
No Component	70%			
Alarm				
Security System				
No Component	70%			
Generic	30% Now \$7,400		1 \$800	
	Not in Service, Extent : Moderate, Ar	ea Affected : 100%		
	Location : Throughout The Building	3		
Fire/Smoke Detection				
No Component	60%			
Generic, Analog	40%	2038 **	1-3 \$1,800	
	Other Observation, Extent : Light, Ar	ea Affected : 100%	,	
	Location : Throughout Building	**		
	Explanation : New Fire Alarm Insta	alled In 2018.		

Mechanical		Current Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2050	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2043	* *	1	\$3,700	
Distribution							
Hot Wtr Piping/Pump	100%		2046	* *	4	\$600	
Terminal Devices							
Air Handler	50%		2038	* *	1	\$2,300	
Convector/Radiator	50%		2035	* *	1	\$1,200	
Air Conditioning							
Energy Source							
Electricity	100%		2046	* *	1		
Conversion Equipment							
Interior Pkg Unit -	100%		2031	\$284,600	2	\$500	
Cooling							

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.

lechanical	Current Repair Futur		Replacement	M	Maintenance	
ystem Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ir Conditioning						
Heat Rejection						
Dry Cooler	100%	2035	* *	2	\$5,200	
entilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,200	
Exhaust Fans						
Roof	100%	2035	* *	2	\$200	
umbing						
H/C Water Piping						
Brass/Copper	100%	2040	* *	1		
Water Heater						
Gas Fired	100%	2025	\$4,600	2	\$100	
	Other Observation, Extent : Li	ight, Area Affected :	100%			
	Location : Boiler Room					
	Explanation: 50 Gallon Tan	k				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2030	\$1,200	4	\$200	
Backflow Preventer						
Generic	100%	2035	* *	1	\$500	
Fixtures						
Generic	100%					

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.

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BROOKLYN PUBLIC LIBRARY - FY 2021 Print Date: 08-Sep-2020

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 : 24-Oct-2017 **Landmark Status** : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 4717 Lot BIN : 3103597 : 38

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$82,300	\$164,600
Electrical		\$50,400
Mechanical		\$429,300
Total	\$82,300	\$644,300
Importance Code A	\$82,300	\$164,600
Importance Code B		\$479,700
Total	\$82.300	\$644,300

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$22,200		\$2,500	
Interior Architecture	\$53,200	\$800		\$1,800
Electrical	\$600	\$300	\$400	\$400
Mechanical	\$1,400	\$1,500	\$2,200	\$1,800
Total	\$77,400	\$2,600	\$5,200	\$4,000
Importance Code A	\$22,800	\$600	\$3,200	\$600
Importance Code B	\$37,700	\$2,000	\$2,000	\$3,400
Importance Code C	\$16,800			
Total	\$77,400	\$2,600	\$5,200	\$4,000



All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Note: 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.

Asset #: 13247

Architecture		Current Repa	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	400/			LIEE	* *	5	£2.000	
Concrete Masonry Unit	40%	nce, Extent : Li	aht Area Affe	LIFE		5	\$3,800	
		nce, Extent . Li : Throughout	диі, лгей Ајје	ciea . 570				
		Discoloring, Ext	ent : Light, Ar	ea Affecte	ed : 10%			
		: Throughout		00				
	Vegetation	n Growth, Exten	ıt : Light, Ared	a Affected	: 5%			
	Location	: Throughout						
Glass Block		Now	\$4,100	LIFE	* *	5	\$1,000	
			Extent : Mode	rate, Arec	a Affected : 10%			
		: Throughout	16.1	4 4 66				
		netration, Exten : Throughout	t : Moderate, 2	Area Affe	cted: 5%			
Masonry: Brick	35%			LIFE	* *	5	\$5,400	
Metal Coiling Doors	10%			2034	* *	5	\$4,800	
Granite Panels	5%			LIFE	* *	5	\$600	
Parapets								
Concrete Masonry Unit	25%			LIFE	* *	5	\$400	
Metal Panel	5%			2049	* *	5	\$300	
Metal: Cage/Fence	70%			2042	* *	5-10	\$8,000	
Roof	000/	N	Φ0 2 2 00	2020	Φ1.C4.C00			
IRMA/Protected Membrane	90%	Now	\$82,300	2029	\$164,600			
Memorane	Insul Dete	r/Miss, Extent :	Moderate. Ar	ea Affect	ed : 25%			
		: Throughout	,	33				
		netration, Exten	t : Moderate, 2	Area Affe	cted : 10%			
	Location	: First Floor						
Sloped Glazing	10%	Now	\$13,400	LIFE	* *	5	\$28,200	
		Deteriorated, E.	xtent : Modero	ate, Area	Affected : 5%			
		: Throughout						
		netration, Exten		Area Affe	cted: 5%			
C. CC.	Location	: Throughout						
Soffits Metal Panel	100%			2039	* *	5-10		
nterior	10070			2037		3-10		
Floors								
Ceramic Tile	10%			2038	* *	5	\$1,600	
Vinyl Tile	90%		\$26,100	2034	* *	3	\$5,300	
	_	Crumbling, Ext	ent : Moderate	e, Area A <u>j</u>	fected : 15%			
		: Throughout		100 . 1	2007			
		ded, Extent : M : Throughout	oderate, Area	Affected .	: 20%			

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.

Asset #: 13247

	Current Rep	pair	Futur	e Replacement	М	aintenance	
% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
2.50/	3.7	#12.20 0		de de			
		. ,					
		nt : Moderate, A	Area Affe	cted: 5%			
		42.500					
					5	\$4,700	
_	_	tent : Moderate	, Area Aj	ffected: 10%			
		. 16.1	1 100	1 100/			
		nt : Moderate, A	Area Affe	cted : 10%			
Location	i: Front Wall						
700/			2042	**	5	¢11 000	
		ctant : Light Ar.			3	\$11,000	
_	0	0	еи Ајјест	еи . 2/0			
			LIEE	* *		¢2.000	
					3	\$2,000	
_	_	tieni : Moaeraie	, Area A	ijeciea : 5%			
		Φ4.500	LIDE	ש ש		Φ2.000	
					5	\$2,000	
	-		erate, Ar	ea Affectea : 5%			
	_		Amag A	ffeeted : 100/			
_	_		, Areu Aj	ijeciea . 1076			
	_		Ivaa Affa	atad : 10%			
			пец Ајје	ciea . 1070			
Locuiton	Imougnoui						
75%			2042	* *			
25%			2038	* *			
100%			2042	* *			
	25% Water Per Location 25% 50% Cracking/ Location 70% Staining/L Location 20% Broken/M Location Cracking/ Location Water Per Location 20% Broken/M Location Cracking/ Location Tocation Cracking/ Location Tocation Tocation Cracking/ Location Tocation Tocation Cracking/ Location Tocation Tocation Tocation Tocation	% of Fail Date Extended (Years) 25% Now Water Penetration, Extended Location: Basement 25% 50% Now Cracking/Crumbling, Extended Location: Front Wall Water Penetration, Extended Location: Throughout 10% 0-2 Cracking/Crumbling, Extended Location: Offices 20% Now Broken/Missing Element Location: Throughout Cracking/Crumbling, Extended Location: Throughout Water Penetration, Extended Location: Throughout Water Penetration, Extended Location: Throughout T5% 25%	Total (Years) 25% Now \$13,300 Water Penetration, Extent: Moderate, A Location: Basement 25% 50% Now \$3,500 Cracking/Crumbling, Extent: Moderate Location: Front Wall Water Penetration, Extent: Moderate, A Location: Front Wall 70% Staining/Discoloring, Extent: Light, Are Location: Throughout 10% 0-2 \$300 Cracking/Crumbling, Extent: Moderate Location: Offices 20% Now \$4,500 Broken/Missing Elements, Extent: Moderate Location: Throughout Cracking/Crumbling, Extent: Moderate Location: Throughout Water Penetration, Extent: Moderate, A Location: Throughout 75% 25%	% of Fail Date Estimated Cost Total (Years) 25% Now \$13,300 LIFE Water Penetration, Extent: Moderate, Area Affe Location: Basement 25% LIFE 50% Now \$3,500 LIFE Cracking/Crumbling, Extent: Moderate, Area Affe Location: Front Wall Water Penetration, Extent: Moderate, Area Affe Location: Front Wall 70% 2042 Staining/Discoloring, Extent: Light, Area Affect Location: Throughout 10% 0-2 \$300 LIFE Cracking/Crumbling, Extent: Moderate, Area Affect Location: Offices 20% Now \$4,500 LIFE Broken/Missing Elements, Extent: Moderate, Area Affect Location: Throughout Cracking/Crumbling, Extent: Moderate, Area Affect Location: Throughout Cracking/Crumbling, Extent: Moderate, Area Affect Location: Throughout Cracking/Crumbling, Extent: Moderate, Area Affect Location: Throughout 75% 2042 25% 2038	Year Estimated Cost Year Estimated Cost Total Years Estimated Cost Years Yea	% of Total (Years) Year Estimated Cost (Yrs)	Total Fail Date Estimated Cost FY Estimated Cost Cycle (Years)

lectrical	ctrical Current Repair		Future Replacement		Maintenance		
ystem Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2039	* *	5	\$100		
	Other Observation, Extent: Light,	Area Affected: 1009	%				
	Location: Electrical Room						
	Explanation: One 600 Amperes						
Switchgear / Switchboard							
Fused Disc Sw	100%	2039	* *	5	\$100		
Raceway							
Conduit	100%	2039	* *	1			

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.

Asset #: 13247

Electrical	Current Repa	ir Future	Replacement	Maintenance		
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards						
Fused Disc Sw	5%	2037	* *	5		
Molded Case Bkrs	95%	2037	* *	5	\$300	
Wiring			de de			
Thermoplastic	100%	2039	* *	1		
Motor Controllers	1000/	2024	ala ala	_	0100	
Locally Mounted	100%	2034	* *	5	\$100	
Ground						
Grounding Devices	1000/	LIPE	* *	_	Φ200	
Generic	100%	LIFE		5	\$200	
Lighting						
Interior Lighting Fluorescent	10%	2037	* *	10	\$1,100	
Fluorescent	T-8 Lamps And Fixtures, I			10	\$1,100	
	Location : Basement	емет . Ligni, Агей Ајјес	ciea . 10070			
LED	90%	2037	* *			
	9070	2037				
Egress Lighting Emergency, Battery	50%	2029	\$9,000	10	\$1,500	
Exit, Service	50%	2029	\$9,000	10	\$1,300	
Exterior Lighting	3070	2029	\$1,000	1		
HID	100%	2029	\$50,400	10		
Alarm	10070	2029	\$30,400	10		
Security System						
No Component	70%					
Generic	30%	2034	* *	1	\$1,400	
Generio	Other Observation, Exten		100%	•	Ψ1,100	
	Location : Throughout T					
	Explanation : CCTV Sur	Ü	usion Alarm And	Motion S	Sensor	
Fire/Smoke Detection		· · · · · · · · · · · · · · · · · · ·				
No Component	70%					
Generic, Digital	30%	2034	* *	1-3	\$2,300	

lechanical	Current Repair	Futur	e Replacement	Maintenance		
ystem Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2034	* *	1	\$6,100	
	Other Observation, Extent: Light, A	rea Affected	: 100%			
	Location: Basement Boiler Room					
	Explanation: One Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2037	* *	4	\$600	

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.

mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
	\$123,100	1	\$5,300	
2034	* *	1	\$1,200	
2037	* *	1		
2027	\$266,100	2	\$800	
Light, Area Affected :	100%			
nent				
LIFE	* *	2-5	\$6,900	
2029	\$40,100	2	\$300	
\$100 2029	\$2,100	2		
vere, Area Affected : I	100%			
aust Fans. Roof				
2039	* *	1		
2027	\$7,600	2	\$200	
			<u> </u>	
LIFE	* *	1		
LIFE	* *	1		
1	2027 Light, Area Affected: ment LIFE 2029 \$100 2029 were, Area Affected: It aust Fans. Roof 2039 2027 LIFE	2034 ** 2037 ** 2027 \$266,100 Light, Area Affected : 100% ment LIFE ** 2029 \$40,100 \$100 2029 \$2,100 vere, Area Affected : 100% aust Fans. Roof 2039 ** 2027 \$7,600 LIFE **	2034 ** 1 2037 ** 1 2027 \$266,100 2 Light, Area Affected: 100% ment LIFE ** 2-5 2029 \$40,100 2 \$100 2029 \$2,100 2 were, Area Affected: 100% aust Fans. Roof 2039 ** 1 2027 \$7,600 2 LIFE ** 1	2034 ** 1 \$1,200 2037 ** 1 2027 \$266,100 2 \$800 Light, Area Affected: 100% ment LIFE ** 2-5 \$6,900 2029 \$40,100 2 \$300 \$100 2029 \$2,100 2 were, Area Affected: 100% aust Fans. Roof 2039 ** 1 2027 \$7,600 2 \$200 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.

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : EASTERN PARKWAY BRANCH LIBRARY

Address : 1044 EASTERN PKWY. @SCHENECTADY AVE.

Borough : BROOKLYN Agency's Number : 37

Area Sq Ft : 15,901 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 27-Mar-2019 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1396 Lot : 6 BIN : 3037543

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$352,100	
Electrical	\$53,500	\$35,000
Mechanical	\$224,200	\$158,800
Total	\$629,800	\$193,800
Importance Code A	\$352,100	
Importance Code B	\$277,700	\$193,800
Total	\$629.800	\$193 800

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$23,800			\$1,400
Interior Architecture	\$9,300	\$1,200		\$15,900
Electrical	\$24,300	\$600	\$800	\$1,100
Mechanical	\$2,400	\$1,800	\$3,900	\$11,600
Site Enclosure	\$1,700			
Site Pavements	\$12,200			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$77,700	\$7,500	\$8,700	\$34,000
Importance Code A	\$24,600	\$800	\$800	\$2,400
Importance Code B	\$48,800	\$6,700	\$7,900	\$31,600
Importance Code C	\$4,400			
Total	\$77,700	\$7,500	\$8,700	\$34,000



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.

Asset #: 13248

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (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	\$7,100	LIFE	* *	5	\$800	
Musomy. Stainte	Joint Mortar Miss/Ero Location : Througho	od, Extent : Model		a Affected : 15%	3	\$600	
Masonry: Limestone	85% Now Broken/Missing Eleme Location: Various A Joint Mortar Miss/Ero Location: Througho	Ireas od, Extent : Model			5	\$14,100	
Stucco Cement	5%		2035	* *	5	\$2,800	
Windows							
Steel	5% Now Corrosion/Rusting, Ex Location: Basement Cracking/Crumbling,	<u> </u>			5	\$1,800	
	Location: Basement Thermally Inefficient, Location: Througho Caulking Deteriorated Location: Basement	Extent : Moderate out l, Extent : Modera					
Wood	95% Now Deteriorated Finish, E Location: Througho	put			5	\$28,100	
	Thermally Inefficient, Location: Througho Split/Cracked, Extent Location: Througho	out : Moderate, Area					
Parapets							
Masonry: Brick	50%		LIFE	* *	5	\$1,300	
Masonry: Limestone	50% Worn/Eroded, Extent . Location : Througho		LIFE cted: 100	**	5	\$1,600	
Roof							
Modified Bitumen	100% Recent Replace Evider Location : Througho	_	2038 Area Affe	* * ected : 100%	10	\$18,100	
Interior							
Floors Cast in Place Concrete	5%		I IEE	* *	5	\$2.600	
Traffic Topping	10%		LIFE 2035	**	5 5	\$2,600 \$3,000	
Vinyl Tile	85% Now	\$9,300	2035	* *	3	\$7,600	
	Cracking/Crumbling, Location: Througho	Extent : Moderate		fected : 10%		ψ1,000	

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.

Asset #: 13248

Architecture	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Fail I Total (Yea	Oate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nterior								
Interior Walls	70/		LIDE	יט יט	-	# 400		
Concrete Masonry Unit	5%		LIFE	* *	5	\$400		
Gypsum Board	15%		LIFE	* *	5	\$1,800		
Plaster	70% 10%		LIFE LIFE	* *	5	\$4,200		
SGFT/Glazed Masonry		on, Extent : Light, Ared						
	Location: 1st A	-	и Ајјестеи	. 100/0				
		located In Main Stairw	vell					
Ceilings	Explanation . I	ocatea in Main Stair v	veii					
AcousTileConcealSpLn	80%		2035	* *	5	\$23,800		
AcousTileSusp.Lay-In	10%		2043	* *	5	\$2,400		
Plaster	10%		LIFE	* *	5	\$1,500		
Site Enclosure	1070		EII E			Ψ1,200		
Fence/Gates								
Chain Link	50% Nov	v \$1,600	2030	\$8,200				
	Broken/Missing	Elements, Extent : Mod	derate, Ar	ea Affected : 20%				
	Location : Real							
	Corrosion/Rustin	ng, Extent : Moderate,	Area Affe	cted : 60%				
	Location : Real							
Iron Picket	50%		2050	* *				
Retaining Walls								
Cast in Place Concrete	100% Nov	v \$100	2050	* *				
	Cracking/Crumb	ling, Extent : Moderat		fected : 2%				
	Location : Stair	r Areaway At Rear Yai	rd					
lite Pavements								
Public Sidewalk								
Cast in Place Concrete	100% Nov	v \$9,500	2035	* *				
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
	Location : East	er Parkway Entrance	Area					
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
	Location: Easter Parkway Entrance Area							
	Tripping Hazard, Extent: Moderate, Area Affected: 5%							
	Location : East	er Parkway Entrance	Area					
On-Site Walkways								
Cast in Place Concrete	80%		2035	* *				
Masonry: Granite	20%		LIFE	* *				
Parking/Driveway								
Asphalt	100% Nov		2033	**				
	Broken/Missing Elements, Extent: Moderate, Area Affected: 10%							
	Location : Real							
		ing, Extent : Moderate	, Area Afj	fected : 10%				
	Location: Real							
		: Moderate, Area Affe	cted : 10%	6				
	Location : Rear	r Yard						

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.

Asset #: 13248

Electrical	Current Repair	pair Future Rep		Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Service Equipment				_			
Molded Case Bkrs	100%	2030	\$1,600	5	\$400		
	Other Observation, Extent : Light, Are Location : Electrical Room	a Affectea	l : 100%				
	Explanation: 200 Amperes Service						
Switchgear / Switchboard	Explanation: 200 Amperes Service						
Molded Case Bkrs	100%	2030	\$35,000	5	\$400		
Raceway	10070		422,000		ψ.00		
Conduit	95%	2030	\$32,300	1			
Conduit	5%	2040	* *	1			
Panelboards							
Molded Case Bkrs	95%	2029	\$15,400	5	\$400		
Molded Case Bkrs	5%	2038	* *	5			
Wiring							
Braided Cloth	80% 0-2 \$24,000	2055	**	1			
	Insulation Aged, Extent : Light, Area A Location : Throughout The Building	iffected:	100%				
		• • • • •	ale ale				
Thermoplastic	20%	2040	* *	1			
Grounding Davises							
Grounding Devices Generic	100%	LIFE	* *	5	\$200		
Lighting	10070	LII L			Ψ200		
Interior Lighting							
Fluorescent	5%	2030	\$8,600	10	\$700		
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%						
	Location: Mechanical Rooms						
LED	95%	2035	* *				
Egress Lighting							
Exit, LED	30%	2045	* *	1			
Exit, Service	40%	2030	\$1,000	1			
Exit, Battery	30%	2030	\$2,400	10	\$300		
Exterior Lighting	500/	2020	Ф22.500	10			
HID	50%	2030	\$32,500	10			
	Other Observation, Extent : Light, Are Location : Roof And Perimeter						
	Explanation: Operated Via Timer						
No Component	50%						
Alarm	JU/0						
Security System							
No Component	50%						
Generic	50%	2035	* *	1	\$3,000		
	Other Observation, Extent : Light, Are		l : 100%		4-7		
	Location: Throughout The Building						
	Explanation: Cameras Only						

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.

Asset #: 13248

Electrical	Current Re	pair	Future Replacement		Maintenance		
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm							
Fire/Smoke Detection							
No Component	70%						
Generic, Analog	30% 4+	\$53,500	2040	* *	1-3	\$2,700	
_	Other Observation, Ext	ent : Light, Area	Affected	! : 100%			
	Location : Throughou	t The Building					
	Explanation: Outdate	ed Very Old Fire	Alarm S	'ystem			

Mechanical	Current Repair	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating								
Energy Source								
Electricity	30%	2040	* *	1				
Natural Gas	70%	2040	* *	1				
Conversion Equipment								
Furnace	30%	2030	\$11,400	1	\$2,400			
	Other Observation, Extent : Light, Are	a Affected	: 100%					
	Location: Rooftop Units							
	Explanation: Gas Heat							
Hot Water Boiler	70%	2035	* *	1	\$5,500			
Distribution								
Ductwork/Diffusers	50%	LIFE	* *	2-5	\$4,400			
Hot Wtr Piping/Pump	50%	2046	* *	4	\$600			
Terminal Devices								
Air Handler	70%	2030	\$158,800	1	\$6,900			
Convector/Radiator	30%	2035	* *	1	\$1,500			
ir Conditioning								
Energy Source								
Electricity	100%	2046	* *	1				
Conversion Equipment								
Int Pkg Unit -	30%	2024	\$102,900	2	\$300			
Heating/Cooling		1.00	1. 1000/					
	Other Observation, Extent: Light, Area Affected: 100%							
	Location: Roof							
	Explanation: With Gas Furnace							
Ext Pkg Unit -	60%	2025	\$121,200	2	\$600			
Heating/Cooling								
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Roof							
	Explanation: With Gas Furnace							
Split Unit	10%	2030	\$34,400					

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.

Asset #: 13248

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
Air Conditioning Terminal Devices Air Handler/Dir Expansion	10%			2030	\$18,000	1		
-	Location	ervation, E. : Basemen ion : Hot W		Affected :	100%			
No Component	90%							
Heat Rejection Air Cooled Condenser Unit	10%			2030	\$3,300	2	\$1,100	
No Component	90%							
Ventilation Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,900	
Exhaust Fans	10070			EII E			ψο,σου	
Roof	100%			2030	\$26,800	2	\$500	
Plumbing					<u> </u>		****	
H/C Water Piping Brass/Copper	100%			2040	* *	1		
Water Heater Gas Fired	Location	: Boiler Ro	xtent : Light, Area oom 10 Gallon Unit	2025 Affected :	\$9,800 100%	2	\$200	
Sanitary Piping	Explanati	on . one i	o dunon emi					
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Non-Submersible	100%			2030	\$2,500	4	\$500	
Sewage Ejector(s) Compressed Air	100%			2040	* *	4	\$200	
Backflow Preventer No Component Generic	Location	ervation, E. : Boiler Ro ion : Boiler		2035 Affected :	**	1	\$100	
Fixtures								
Generic	100%							
Vertical Transport Elevators Hydraulic		: Basemen	xtent : Light, Area t To 2nd Floor ^{Jnit}	LIFE Affected :	**			

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : FLATBUSH BRANCH LIBRARY

Address : 22 LINDEN BLVD. BTWN: FLATBUSH AVE - BEDFORD AVE
Borough : BROOKLYN Agency's Number : 38

Area Sq Ft : 21,790 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 27-Jun-2019 Landmark Status : NONE

Areas Surveyed : Basement, Floors 1,2

Block : 5086 Lot : 15 BIN : 3116706

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$202,600	
Interior Architecture	\$113,600	
Electrical	\$48,900	\$11,800
Mechanical		\$430,400
Total	\$365,100	\$442,200
Importance Code A	\$202,600	
Importance Code B	\$162,500	\$442,200
Total	\$365,100	\$442,200

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$11,700			\$21,600
Interior Architecture	\$7,500	\$6,300	\$1,900	\$800
Electrical	\$2,100	\$2,400	\$2,100	\$10,600
Mechanical	\$7,900	\$4,200	\$9,100	\$4,000
Site Pavements	\$27,800			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$60,900	\$16,900	\$17,000	\$40,900
Importance Code A	\$12,800	\$1,100	\$1,100	\$22,700
Importance Code B	\$31,900	\$15,900	\$14,800	\$18,200
Importance Code C	\$16,300		\$1,200	
Total	\$60,900	\$16,900	\$17,000	\$40,900



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.

Asset #: 4202

rchitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls	0.50/	N T	¢151 500	LIEE	* *	_	\$22.200	
Masonry: Brick		Now	\$151,500 Extent : Moderate	LIFE Area A		5	\$23,200	
	_	: Southwes		, 111 cu 11,	yeerea : 2070			
	Diagonal	Cracks, Ext	tent : Moderate, Ar	ea Affec	ted : 10%			
		: South Fa						
		racks, Exte : Chimney	nt : Moderate, Are	a Affecte	ed : 10%			
Masonry: Limestone	5%			LIFE	* *	5	\$1,000	
Pre-Cast Concrete			\$9,800 od, Extent : Moder Base	LIFE ate, Area	* * a Affected : 25%	5	\$8,900	
		_	Moderate, Area Aj	fected :	25%			
	•	: Building		,				
Windows								
Aluminum	Broken/M	Now issing Elem : Through	\$51,100 ents, Extent : Light out	2046 t, Area A	* * ffected : 10%	5	\$2,800	
		nc Not Fund : Through	ct, Extent : Modera out	ıte, Area	Affected : 20%			
Glass Block	2%			LIFE	* *	5	\$100	
Metal Louvers		Now	\$2,000	2033	* *			
	Location	: South Fa		-				
		ted Finish, : South Fa	Extent : Moderate, cade	Area Afj	fected : 20%			
Parapets Magangu Priek	90%			LIFE	* *	5	¢5 000	
Masonry: Brick Metal Panel	90% 5%			2050	* *	5 5	\$5,800 \$1,300	
Pre-Cast Concrete	5%			LIFE	* *	5	\$2,000	
Roof	270						42,000	
Built-Up (BUR)	93%			2035	* *	10	\$21,000	
	Location	: Roof	xtent : Light, Area	Affected	! : 100%			
		tion : Not A	ccessible					
Skylight, Metal/Glass	5%			2050	* *	10	\$3,800	
Skylight, Metal/Glass	2%			2040	* *	10	\$1,500	

Interior

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.

Asset #: 4202

Architecture		Current I	Repair	Futur	e Replacemer	nt	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated C	ost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors	50 /	2.4	#2.500	LIDE		* *	-	#2 400	
Cast in Place Concrete	-	2-4 Crumbling, : Basemen	\$3,500 Extent : Moderate at	LIFE , Area Aj		* *	5	\$3,400	
Ceramic Tile	5%			2039	:	* *	5	\$1,500	
Terrazzo	5%			LIFE	:	* *	5	\$1,200	
Vinyl Tile	65%			2035	:	* *	3	\$7,500	
Vinyl Tile	20%	2-4	\$56,700	2040	:	* *	3	\$2,300	
·		Failure, Ex : Through	tent : Moderate, Ar out	rea Affec	ted : 100%			·	
Interior Walls									
Ceramic Tile	5%			2039	:	* *	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%	2-4	\$4,000	LIFE	:	* *	5	\$700	
		ed Finish, : Through	Extent : Moderate, out	Area Aff	fected : 100%				
Ceilings									
AcousTileSusp.Lay-In	25%			2043	:	* *	5	\$7,700	
Gypsum Board	10%			LIFE	:	* *	5	\$3,800	
Plaster	_	4+ Crumbling, : Through	\$56,900 Extent : Moderate out	LIFE , Area Aj		* *	5	\$12,500	
Site Enclosure									
Fence/Gates									
Exposed Struc: Steel	70%			LIFE	:	* *			
		/Rusting, E : Through	xtent : Moderate, A out	1rea Affe	cted : 20%				
Iron Picket	30%			2050	:	* *			
Retaining Walls									
Cast in Place Concrete	100%			2050	:	* *			
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	_	2-4 Crumbling, : Through	\$15,500 Extent : Moderate out	2035 , Area Aj		* *			
On-Site Walkways									
Cast in Place Concrete		2-4 Crumbling, : Through	\$2,500 Extent : Moderate out	2035 , Area Aj		* *			

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.

Asset #: 4202

Architecture	Curren	t Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Site Pavements

Parking/Driveway

Asphalt 100% 2-4 \$9,700 2033 **

Cracking/Crumbling, Extent: Moderate, Area Affected: 15%

Location: Throughout

Electrical	Current Rep	pair Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2050	* *	5	\$100	
	Other Observation, Exte	nt : Light, Area Affected	: 100%			
	Location : Electrical R	oom				
	Explanation: One 1,20	00 Ampere Main Discon	nect Switch			
Switchgear / Switchboard						
Fused Disc Sw	100%	2050	* *	5	\$100	
Raceway						
Conduit	70%	2030	\$23,800	1		
Conduit	30%	2050	* *	1		
Panelboards						
Molded Case Bkrs	80%	2046	* *	5	\$500	
Molded Case Bkrs	20%	2029	\$4,900	5	\$100	
Wiring						
Thermoplastic	80%	2050	* *	1		
Thermoplastic	20%	2030	\$6,000	1		
Motor Controllers						
Locally Mounted	100%	2043	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	

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	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting			***			
Fluorescent	5%	2030	\$11,800	10	\$1,000	
	T-12 Lamps And Fixtures, Extent: Lig Location: Main Floor	ght, Area A <u>j</u>	fected: 5%			
Fluorescent	5%	2035	* *	10	\$1,000	
Tuorescent	Other Observation, Extent : Light, Ar		: 100%	10	Ψ1,000	
	Location: Basement	eu 11 <i>55</i> eereu	. 100/0			
	Explanation: T-8 Lamps					
Fluorescent	1%	2035	* *	10	\$200	
	Other Observation, Extent : Light, Ar		: 100%		,	
	Location: Basement, Hallway					
	Explanation: T-5 Lamps					
Fluorescent	19%	2035	* *	10	\$3,800	
	Compact Fluorescent Light, Extent :	Light, Area	Affected : 19%		·	
	Location: Main Floor					
LED	70%	2035	* *			
Egress Lighting						
Emergency, Battery	50%	2035	* *	10	\$2,600	
Exit, Battery	50%	2035	* *	10	\$700	
Exterior Lighting						
HID	100%	2035	* *	10	\$100	
Alarm						
Security System	1000/	2025	* *	1	#0.100	
Generic	100%	2035		1	\$8,100	
	Other Observation, Extent: Light, Ar Location: Throughout The Building		: 100%			
	Explanation: CCTV System	3				
Fire/Smoke Detection	Explanation . CC1 v System					
Generic, Analog	20%	2025	\$48,900	1-3	\$2,800	
Generic, Analog Generic, Digital	80%	2025	\$ 4 6,900 * *	1-3	\$10,700	
Generic, Digital	0070	2033		1-3	φ10,700	

Mechanical	Current Repair	Future Replaceme	ent	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated (FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2040	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2043	* *	1	\$10,800	
	Other Observation, Extent : Light, Area	Affected: 100%				
	Location: Basement					
	Explanation: One Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2046	* *	4	\$1,600	
1 0 1	Recent Replace Evident, Extent: Light,	Area Affected : 100%				
	Location : Basement					

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.

Asset #: 4202

Mechanical	Curren	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Air Handler	40%		2030	\$124,400	1	\$5,400	
Air Handler	20%		2038	**	1	\$2,700	
Convector/Radiator	40%		2035	* *	1	\$2,800	
Air Conditioning							
Energy Source							
Electricity	100%		2046	* *	1		
Conversion Equipment							
Reciprocating	60%		2030	\$112,600	1	\$6,100	
Compr/Chiller							
•	R-22 Refrigerant, I Location: Basem	Extent : Light, Area A	Iffected :	100%			
**** 1 /*** 11 ** *		шен	2020	#10.400			
Window/Wall Unit	40%		2028	\$18,400	1		
Distribution	000/		20.40	* *	4	0000	
CW & CHW Wtr	80%		2040	* *	4	\$900	
Pipe/Pump	200/						
No Component	20%						
Terminal Devices	600/		2020	¢1.40.000	1	¢0 100	
Air Handler/Cool/Ht	60%		2030	\$148,800 * *	1	\$8,100	
Fan Coil - 4 Pipe	20% 20%		2035		1	\$1,400	
No Component	20%						
Heat Rejection Air Cooled Condenser	100%		2030	\$44,600	2	¢15 200	
Unit	10070		2030	\$44,600	2	\$15,200	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$12,200	
Exhaust Fans	10070		DII L			Ψ12,200	
Roof	100%		2035	* *	2	\$700	
Plumbing	10070		2000			Ψ700	
H/C Water Piping							
Brass/Copper	20%		2040	* *	1		
Galvanized Steel	80%		2035	* *	1		
Water Heater							
Electric	100%		2028	\$19,500	4	\$100	
		, Extent : Light, Area				*	
	Location : Basem	-	55				
	Explanation: 50	Gallon Unit					
Sanitary Piping	<u> </u>						
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2035	* *	4	\$700	
Sewage Ejector(s)						<u> </u>	
Electric	100%		2030	\$6,400	4	\$1,300	
				4-,.50		+-,	

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	М	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Backflow Preventer						
Generic	100%	2035	* *	1	\$1,300	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent .	Light, Area Affected .	: 100%			
	Location: Basement To 2	nd Floor				
	Explanation: 1 Unit					

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : FLATLANDS BRANCH LIBRARY

Address : 2065 FLATBUSH AVENUE @AVENUE P

Borough : BROOKLYN Agency's Number : 39

Area Sq Ft : 12,028 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 27-Oct-2017 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1, Mez

Block : 7868 Lot : 39 BIN : 3219626

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture		\$327,100
Electrical		\$35,000
Mechanical		\$247,000
Total		\$609,100
Importance Code A		\$327,100
Importance Code B		\$282,000
TR 4.1		2602 100

Total \$609,100

Total	\$85,000	\$2,600	\$17,400	\$4,000
Importance Code C	\$7,800	\$400		
Importance Code B	\$50,300	\$1,600	\$9,400	\$3,400
Importance Code A	\$26,900	\$600	\$8,000	\$600
Total	\$85,000	\$2,600	\$17,400	\$4,000
Site Pavements	\$17,300			
Mechanical	\$1,000	\$1,200	\$9,300	\$1,300
Electrical	\$500	\$600	\$600	\$500
Interior Architecture	\$40,000	\$900		\$2,100
Exterior Architecture	\$26,300		\$7,400	
EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025



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.

Asset #: 13249

	Current Repair		Future Replacement		Maintenance		
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
400/					_	04.400	
	N	#2 000				•	
					5	\$1,800	
			ate, Ared	i Affectea : 50%			
2000000	. // //////////////////////////////////	~*****					
50%			LIFE	* *	5	\$2,000	
50%			2037	* *	5	·	
90%			LIFE	* *	5	\$2,500	
		\$4,700	2049	* *	5	\$500	
	-		re, Area	Affected : 25%			
Location	: Metal Co	pping At East Side					
						·	
75%			2029	\$327,100	10	\$22,300	
1000/			2040	* *	<i>5</i> 10		
100%			2049	* *	5-10		
5%			2038	* *	5	0002	
				* *		•	
7570			2031			Ψο,σσσ	
5%			2038	* *	5	\$800	
95%			LIFE	* *	5	\$9,300	
						·	
20%	Now	\$31,600	2049	* *	5	\$2,300	
	_		erate, Ar	ea Affected : 20%			
		•					
_	0		, Area A	ffected : 25%			
Location	: Mezzani	ne					
70%			2042	* *	5	\$12,600	
10%			LIFE	* *	5	\$2,300	
1000/			2020	* *			
100%			2039				
100%	0-2	\$9.400	2042	* *			
				ffected · 20%			
_	_		, 11. cu 11 _.	y 2210a . 2070			
	-, 1	<u> </u>					
100%	4+	\$900	2042	* *			
				ffected : 5%			
_	_		-	-			
	10% 87% 3% Joint Mort Location 50% 10% Broken/Mi Location 25% 75% 100% 5% 95% 20% Broken/Mi Location 70% 100% 100% 100% 100% Cracking/c Location 100% Cracking/c Location	10% 87% 3% Now Joint Mortar Miss/Er Location: Window 50% 50% 50% 90% 10% Now Broken/Missing Elem Location: Metal Co 25% 75% 100% 5% 95% 20% Now Broken/Missing Elem Location: Mezzanin Cracking/Crumbling, Location: Mezzanin 70% 10% 100%	10% 87% 3% Now \$2,000 Joint Mortar Miss/Erod, Extent: Moder Location: Window Sills 50% 50% 90% 10% Now \$4,700 Broken/Missing Elements, Extent: Seven Location: Metal Coping At East Side 25% 75% 100% 5% 95% 20% Now \$31,600 Broken/Missing Elements, Extent: Moder Location: Mezzanine Cracking/Crumbling, Extent: Moderate Location: Mezzanine 70% 10% 100% 100% 100% \$9,400 Cracking/Crumbling, Extent: Moderate Location: Troy Avenue	Not Fail Date Estimated Cost Year FY	10%	No	10%

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.

Asset #: 13249

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

Site Pavements

Parking/Driveway

Asphalt 100% Now \$7,000 2032 **

**
Cracking/Crumbling, Extent: Moderate, Area Affected: 20%

Location: Rear Of Building

Electrical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2029	\$1,600	5	\$100	
	Other Observation, Extent : Light,	Area Affected	: 100%			
	Location : Electrical Room					
	Explanation : Main Service Switc	h Rated At 40	0 Amperes			
Switchgear / Switchboard	1000/	2020	\$25,000	_	\$200	
Molded Case Bkrs	100%	2029	\$35,000	5	\$300	
Raceway Conduit	000/	2020	£20.600	1		
	90%	2029	\$30,600	1		
Conduit	10%	2049	7- 7-	1		
Panelboards Fused Disc Sw	5%	2020	0000	_		
Molded Case Bkrs	20%	2028 2045	\$800 * *	5 5	\$100	
Molded Case Bkrs	20% 75%	2043		5 5	\$100 \$200	
Wiring	1370	2028	\$12,100	3	\$200	
Thermoplastic	80%	2029	\$24,000	1		
Thermoplastic	20%	2029	\$2 4 ,000 * *	1		
Motor Controllers	2070	2049		1		
Locally Mounted	100%	2027	\$32,700	5	\$100	
Ground	10070	2021	\$32,700		\$100	
Grounding Devices						
Not Accessible	100%					
Lighting	10070					
Interior Lighting						
LED	100%	2037	* *			
	Other Observation, Extent: Light,		: 100%			
	Location : Throughout The Builds					
	Explanation : LED Light Fixtures	_				
Egress Lighting						
Emergency, Battery	50%	2037	* *	10	\$1,500	
Exit, Service	50%	2037	* *	1		
Exterior Lighting						
LED	10%	2037	* *			
	Other Observation, Extent : Light,	Area Affected	: 100%			
	Location : Front Only					
	Explanation: LED Lights					
No Component	90%					

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.

Asset #: 13249

Electrical	Current Repair	Future Replacer	nent	M					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	l Cost	Cycle (Yrs)	Estimated Cost	Priority			
Alarm									
Security System									
Generic	100%	2037	* *	1	\$4,500				
	Other Observation, Extent : Light, Area	a Affected : 100%							
	Location: Inside And Outside								
	Explanation : CCTV Surveillance Cameras, Intrusion Alarm, Motion Sensors And Panic Doors								

Mechanical	Current Repair		e Replacement	M						
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Heating										
Energy Source										
Natural Gas	100%	2049	* *	1						
Conversion Equipment										
Furnace	40%	2029	\$11,500	1	\$2,400					
	Other Observation, Extent : Light, A	rea Affected	: 40%							
	Location: Roof									
	Explanation : 2 Rooftop Package U	Inits								
Hot Water Boiler	60%	2034	* *	1	\$3,600					
	Other Observation, Extent : Light, A	Other Observation, Extent: Light, Area Affected: 60%								
	Location: 1st Floor Boiler Room									
	Explanation: 1 Unit									
Distribution										
Hot Wtr Piping/Pump	60%	2037	* *	4	\$400					
No Component	40%									
Terminal Devices										
Air Handler	30%	2029	\$51,500	1	\$2,200					
Convector/Radiator	30%	2027	\$19,600	1	\$1,200					
No Component	40%									
ir Conditioning										
Energy Source										
Electricity	100%	2037	* *	1						
Conversion Equipment										
Int Pkg Unit -	40%	2027	\$103,800	2	\$300					
Heating/Cooling										
	R-22 Refrigerant, Extent : Light, Are		40%							
	Location: 1st Floor Mechanical Re	oom								
Ext Pkg Unit -	60%	2029	\$91,700	2	\$400					
Heating/Cooling			•							
	R-22 Refrigerant, Extent : Light, Are	ea Affected :	60%							
	Location: 2 Units On Roof									
entilation entilation										
Distribution										
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$6,700					

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.

Asset #: 13249

Mechanical	nical Current Repair Future Replacemen		e Replacement	M			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
/entilation							
Exhaust Fans							
Interior	30%		2029	\$13,000	2	\$100	
Roof	70%		2029	\$14,200	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater							
Gas Fired	100%		2024	\$7,400	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : FORT HAMILTON BRANCH LIBRARY
Address : 9424 FOURTH AVE. @95TH STREET

Borough : BROOKLYN Agency's Number : 40

Area Sq Ft : 7,362 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 21-Sep-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 6114 Lot : 37 BIN : 3155499

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture		\$79,300
Total		\$79,300
Importance Code A		\$79,300
Total		\$79 300

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$2,000	\$3,500	\$7,100	\$1,000
Interior Architecture	\$2,300	\$900		\$1,200
Electrical	\$800	\$600	\$8,300	\$800
Mechanical	\$700	\$500	\$1,300	\$600
Total	\$5,800	\$5,500	\$16,700	\$3,700
Importance Code A	\$2,400	\$3,900	\$7,500	\$1,400
Importance Code B	\$2,900	\$1,100	\$9,200	\$2,300
Importance Code C	\$500	\$600		
Total	\$5,800	\$5,500	\$16,700	\$3,700



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.

Asset #: 13250

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	000/					_	01.5.200	
Masonry: Brick	90%	4.	Φ2 000	LIFE	* *	5	\$15,300	
Masonry: Limestone	5%	4+	\$2,000	LIFE		5	\$600	
	Location	: Main En	Extent : Light, Are trance					
Metal Panel	5%			2049	* *	5-10	\$5,800	
	Location	: Roof	Extent : Light, Area	Affected	! : 100%			
	Explanat	ion : Equi _l	oment Screen Wall					
Windows	000/			2045	* *	-	#2 000	
Aluminum	98%			2045	* *	5	\$2,000	
Metal Louvers	2%			2038	-1- W	10	\$300	
Parapets Masonry: Brick	20%			LIFE	* *	5	\$300	
Metal Panel	20% 5%			2049	* *	5 5	\$300	
No Component	75%			∠U 1 7		5	φ500	
Roof	1370							
Built-Up (BUR)	30%			2029	\$79,300	10	\$5,400	
Modified Bitumen	30%			2034	**	10	\$5,400	
Slate	40%			LIFE	* *		42,100	
Soffits								
Fiberglass Panel	100%			2038	* *	5	\$7,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$1,200	
Ceramic Tile	5%			2038	* *	5	\$600	
Slate	2%			LIFE	* *	5	\$200	
Vinyl Tile	88%			2034	* *	3	\$4,800	
Interior Walls				2020	ala -4-	_	44.500	
Ceramic Tile	5%	4 .	4.50 0	2038	* *	5	\$1,200	
Gypsum Board	25%	4+	\$500	LIFE		5	\$3,500	
	_	iscoloring, : At HVAC	Extent : Light, Are Ducts	ra Affect	ea : 2%			
Plaster	70%			LIFE	* *	5	\$5,000	
Ceilings							-	
AcousTileSusp.Lay-In	35%	0-2	\$600	2042	* *	5	\$1,600	
		iscoloring, : At HVAC	Extent : Moderate Ducts	, Area Ą	ffected : 5%			
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	\$1,700	
Plaster	30%			LIFE	* *	5	\$1,700	
Wood	15%			LIFE	* *	5	\$12,100	
Site Enclosure							-	
Fence/Gates								
Iron Picket	100%			2049	* *			

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.

Asset #: 13250

Architecture	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estim	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure						
Retaining Walls						
Cast in Place Concrete	100%	2064	* *			
Site Pavements						
Public Sidewalk						
Cast in Place Concrete	100%	2042	* *			
	Cracking/Crumbling, Extent: Light, A	rea Affected : 5%	ó			
	Location: Throughout					
On-Site Walkways						
Cast in Place Concrete	75%	2046	* *			
Masonry: Granite	25%	LIFE	* *			
Parking/Driveway				•		•
Asphalt	100%	2038	* *			

Electrical	Current Repair		Futur	e Replacement	M			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%		2049	* *	5			
		ervation, Extent : Light, Are	a Affected	: 100%				
		: Electrical Room						
	Explanat	tion : One 400 Amperes Mai	n Disconn	ect Switch				
Switchgear / Switchboard								
Fused Disc Sw	100%		2049	* *	5			
Raceway								
Conduit	100%		2049	* *	1			
Panelboards								
Fused Disc Sw	5%		2045	* *	5			
Molded Case Bkrs	95%		2045	* *	5	\$200		
Wiring								
Thermoplastic	100%		2049	* *	1			
Motor Controllers								
Locally Mounted	100%		2042	* *	5	\$100		
Ground								
Grounding Devices								
Generic	100%		LIFE	* *	5	\$100		
Lighting								
Interior Lighting								
Fluorescent	90%		2034	* *	10	\$6,100		
	T-8 Lamps	And Fixtures, Extent : Ligh	t, Area Aff	fected : 100%				
	Location	: Throughout The Building						
Fluorescent	10%		2034	* *	10	\$700		
	Other Observation, Extent: Light, Area Affected: 100%							
	Location: First Floor							
	Explanat	tion : Compact Fluorescent .	Light Fixtu	ıres				

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.

Asset #: 13250

Electrical		Current F	Repair	Future Replacement		M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Lighting									
Egress Lighting									
Emergency, Battery	50%			2034	* *	10	\$900		
Exit, Service	50%			2034	* *	1			
Exterior Lighting									
HID	100%			2034	* *	10			
Alarm									
Security System									
No Component	30%								
Generic	70%			2034	* *	1	\$1,900		
Fire/Smoke Detection								•	
Generic, Digital	100%			2034	* *	1-3	\$4,700		

Mechanical	Current Repa	air Futur	e Replacement	M	Maintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Furnace	65%	2034	* *	1	\$2,400	
	Other Observation, Exten Location: Roof Explanation: 2 Package		! : 65%			
Hot Water Boiler	35%	2042	* *	1	\$1,300	
Hot water Boller	Other Observation, Exten Location: Basement Bo	t : Light, Area Affected	1:35%	1	\$1,500	
	Explanation: 1 Unit	ner noom				
Distribution	Ехрининой . 1 Спи					
Hot Wtr Piping/Pump	35%	2045	* *	4	\$100	
No Component	65%	2013		•	Ψ100	
Terminal Devices	0570					
Convector/Radiator	35%	2042	* *	1	\$800	
No Component	65%	2012		1	Ψ000	
Air Conditioning	0570					
Energy Source						
Electricity	100%	2045	* *	1		
Conversion Equipment						
Ext Pkg Unit -	90%	2034	* *	2	\$400	
Heating/Cooling					,	
8 8	Other Observation, Exten Location : Roof	t : Light, Area Affected	! : 90%			
	Explanation : 2 Package	e Units. R-410a				
Split Unit	10%	2034	* *			
-r	Other Observation, Exten		! : 10%			
	Location : Roof	3 , ,,,,,,,,				
	Explanation: 2 Units. R	R-410a				

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.

Asset #: 13250

Mechanical		Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Terminal Devices							
Fan Coil - 2 Pipe	10%		2034	* *	1	\$200	
No Component	90%						
Heat Rejection							
Dry Cooler	10%		2034	* *	2	\$500	
No Component	90%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,100	
Exhaust Fans							
Roof	100%		2034	* *	2	\$200	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2049	* *	1		
Water Heater							
Gas Fired	100%		2027	\$4,600	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
No Component	80%						
Generic	20%		2049	* *	1-2	\$400	

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : GERRITSEN BEACH BRANCH LIBRARY

Address : 2808 GERRITSEN AVENUE BTWN BARTLETT PL. - GOTHAM AVE.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : BPL0G40.000 / 14459 Yr Built/Renovated : 1995 /

Area Sq Ft : 9,963 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 26-Oct-2017 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 8923 Lot : 920 BIN : 3343823

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$2,200		\$10,200	
Interior Architecture	\$2,100			\$1,600
Electrical	\$700	\$600	\$30,000	\$500
Mechanical	\$1,100	\$1,600	\$1,900	\$1,300
Total	\$6,100	\$2,200	\$42,200	\$3,400
Importance Code A	\$2,700	\$500	\$10,700	\$500
Importance Code B	\$3,300	\$1,700	\$31,500	\$3,000
Importance Code C	\$100			
Total	\$6,100	\$2,200	\$42,200	\$3,400



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.

Asset #: 14459

Architecture	Current Repair	Future Replacement	N	Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority	
Exterior						
Exterior Walls			_			
Cast Stone/Terra Cotta	2%	LIFE *:	5	\$1,400		
Exposed Struc: Steel	2%	LIFE *:	* 5	\$500		
	Paint Peeling, Extent: Light, Area Afg Location: Throughout					
Masonry: Brick	76%	LIFE *:	* 5	\$6,600		
	Cracking/Crumbling, Extent : Light, A Location : Throughout	Area Affected : 5%				
Metal Panel	5%	2049 *:	* 5-10	\$3,000		
	Painted Surfaces, Extent : Light, Area Location : Rear Of Building	Affected : 10%				
Window Wall	15%	2049 *:	* 5	\$4,900		
Windows						
Aluminum	99%	2051 **	* 5	\$1,300		
Metal Louvers	1%	2032 **	* 10	\$100		
	Deteriorated Finish, Extent : Light, A. Location : Front Of Building	rea Affected : 50%				
Parapets						
Cast Stone/Terra Cotta	10%	LIFE *	* 5	\$600		
	Joint Mortar Miss/Erod, Extent : Ligh Location : Throughout	tt, Area Affected : 1%				
Masonry: Brick	40%	LIFE *:	* 5	\$300		
	Vertical Cracks, Extent : Light, Area L Location : West Side	Affected : 1%				
No Component	50%					
Roof						
Asphalt Shingle	65%	2042 **	* 10	\$2,200		
Modified Bitumen	35%	2034 **	* 10	\$6,900		
Soffits					<u> </u>	
Cement-Fiber Panel	90%	2037 *:	* 10			
	Staining/Discoloring, Extent: Light, A Location: Throughout	Area Affected : 15%				
Exposed Struc: Steel	10%	LIFE *:	* 5			
Interior Floors						
Cast in Place Concrete	5%	LIFE *:	* 5	\$1,600		
Ceramic Tile	5%	2042 * *		\$700		
Vinyl Tile	90%	2037 ***	* 3	\$6,400		
Interior Walls						
Ceramic Tile	5%	2042 ***	* 5	\$200		
Concrete Masonry Unit	5%	LIFE *:	* 5	\$100		
Gypsum Board	75%	LIFE *:	* 5	\$2,100		
Masonry: Brick	15%	LIFE *:	k			

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.

Asset #: 14459

Architecture		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	15%		2046	* *	5	\$2,100	
Exposed Struc: Steel	5%		LIFE	* *			
Exposed Struc: Wood	75%		LIFE	* *			
Gypsum Board	5%		LIFE	* *	5	\$900	
Site Enclosure							
Fence/Gates							
Iron Picket	100%		2064	* *			
Free Standing Walls							
Masonry: Brick	100%		2049	* *			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2046	* *			
On-Site Walkways							
Cast in Place Concrete	100%		2046	* *			
Activity Yard							
Pavers/Stone	100%		2042	* *			

Electrical	Current Repair	Future Replac	cement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2039	* *	5		
	Other Observation, Extent : Light,	Area Affected : 100%				
	Location : Electrical Room					
	Explanation: Main Service Disc	onnect Switch Rated A	t 600 Amp	eres.		
Switchgear / Switchboard						
Molded Case Bkrs	100%	2039	* *	5	\$300	
	Other Observation, Extent : Light,	Area Affected : 100%				
	Location : Electrical Room					
	Explanation: 1- Vertical Section					
Raceway						
Conduit	100%	2039	* *	1		
Panelboards						
Fused Disc Sw	5%	2037	* *	5		
Molded Case Bkrs	95%	2037	* *	5	\$300	
Wiring						
Thermoplastic	100%	2039	* *	1		
Motor Controllers						
Locally Mounted	100%	2034	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	

Lighting

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.

Asset #: 14459

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	25%	2024	\$27,000	10	\$2,300	
	T-12 Lamps And Fixtures, Exte Location: Offices, Electrical		ffected : 100%			
Fluorescent	5%	2029	\$5,400	10	\$500	
	Compact Fluorescent Light, Ex	tent : Light, Area	Affected : 100%			
	Location : Offices					
LED	70%	2037	* *			
	Other Observation, Extent : Lig	ght, Area Affected	: 100%			
	Location : Reading Areas					
	Explanation : LED Light					
Egress Lighting						
Emergency, Battery	50%	2029	\$7,300	10	\$1,200	
Exit, Service	50%	2029	\$800	1		
Exterior Lighting						
LED	30%	2037	* *			
No Component	70%					
Alarm						
Security System						
Generic	100%	2037	**	1	\$3,700	
	Other Observation, Extent : Lig		: 100%			
	Location : Inside And Outside					
	Explanation : CCTV Surveille	ance Cameras				
Fire/Smoke Detection						
No Component	70%					
Generic, Digital	30%	2029	\$33,500	1-3	\$1,800	
	Other Observation, Extent : Lig	ght, Area Affected	: 100%			
	Location : Reading Areas					
	Explanation : Smoke Detector	r, Strobe Lights				

Mechanical	Current Repair	Future Repla	cement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estima	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2055	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2046	* *	1	\$4,900	
	Other Observation, Extent : Ligh	t, Area Affected : 100%	1			
	Location : First Floor					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2051	* *	4	\$700	
Terminal Devices						
Air Handler	90%	2037	* *	1	\$5,500	
Fan Coil Unit/Heat	10%	2037	* *	1	\$300	

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.

Asset #: 14459

Mechanical		Current Repair	Futui	re Replacement	M		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Energy Source							
Electricity	100%		2051	* *	1		
Conversion Equipment							
Int Pkg Unit -	90%		2033	* *	2	\$600	
Heating/Cooling							
No Component	10%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,600	
Exhaust Fans							
Interior	100%		2037	* *	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2055	* *	1		
Water Heater							
Electric	100%		2028	\$8,900	4	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
Generic	100%		2037	* *	1	\$600	
Fixtures							
Generic	100%						

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : HIGHLAWN BRANCH LIBRARY
Address : 1664 WEST 13TH @KINGS HIGHWAY

Borough : BROOKLYN Agency's Number : 42

Area Sq Ft : 7,500 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 12-Jul-2019 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 6618 Lot : 34 BIN : 3175253

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture		\$272,200
Mechanical		\$330,100
Total		\$602,300
Importance Code A		\$272,200
Importance Code B		\$330,100
Total		\$602 300

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$49,600		\$700	
Interior Architecture	\$14,900		\$2,000	\$400
Electrical	\$16,800	\$400	\$400	\$500
Mechanical	\$3,500	\$2,100	\$1,400	\$1,900
Site Enclosure	\$300			
Total	\$85,100	\$2,400	\$4,400	\$2,800
Importance Code A	\$50,000	\$400	\$1,100	\$400
Importance Code B	\$31,500	\$2,100	\$3,300	\$2,300
Importance Code C	\$3,600			\$200
Total	\$85,100	\$2,400	\$4,400	\$2,800



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.

Asset #: 13252

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Masonry: Brick		2-4 ar Miss/Er : Through	\$8,700 od, Extent : Light, out	LIFE Area Aff	* * Tected : 10%	5	\$13,200	
Masonry: Limestone Granite Panels	20% 10% Joint Mort Location		\$10,900 od, Extent : Light,	LIFE LIFE Area Aff	* * * * fected : 10%	5 5	\$5,700 \$1,400	
Windows								
Aluminum	100%			2039	* *	5	\$1,400	
Parapets Masonry: Brick Masonry: Limestone Metal Panel No Component	3% 2% 1% 94%			LIFE LIFE 2041	** **	5-10 5-10 5		
Roof Modified Bitumen	Location	: Through		-				
		led, Extent : Through	: Moderate, Area out	Affected	: 30%			
Soffits Cast in Place Concrete	50%			LIFE	* *	5		
Stucco Cement	50%			2036	* *	5		
Interior Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$2,300	
Ceramic Tile	5%			2040	* *	5	\$500	
Terrazzo	2%			LIFE	* *	5	\$300	
Vinyl Tile		tallation, E : Through	xtent : Light, Area out	2039 Affected	* * l : 80%	3	\$3,500	
Interior Walls								
Ceramic Tile Concrete Masonry Unit Plaster	5% 5% 20% 70%			2040 LIFE LIFE LIFE	* * * * * *	5 5 5-10 10	\$300 \$300 \$1,200 \$3,400	
SGFT/Glazed Masonry Ceilings	/070			LIFE		10	\$2,400	
AcousTileSusp.Lay-In Exposed Struc: Steel Plaster	15% 5% 80%			2044 LIFE LIFE	* * * *	5 10 5-10	\$1,600 \$1,100 \$14,600	
Site Enclosure								
Fence/Gates Iron Picket Masonry: Brick	Cracking/0		\$300 Extent : Moderate Ireaway On East S		* * * * ffected : 5%			

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.

Asset #: 13252

Architecture	Current Repair	Future Replace	ment	Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estimate FY	d Cost Cyc	ele Estimated Cost s)	Priority
Site Enclosure					
Free Standing Walls					
Cast in Place Concrete	100%	2051	* *		
	Other Observation, Extent : Lig.	ht, Area Affected : 100%			
	Location : Site Wall On West I	Property Line			
	Explanation: This Is Actually	Pre-cast Concrete Constru	ction		
Retaining Walls					
Cast in Place Concrete	70%	2051	* *		
Masonry: Brick	30%	2041	* *		
Site Pavements					
Public Sidewalk					
Cast in Place Concrete	100%	2036	* *		
On-Site Walkways					
Cast in Place Concrete	100%	2036	* *		
Cast in Place Concrete	100%	2036	* *		

Electrical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•		•				
Service Equipment							
Molded Case Bkrs	100%		2031	\$1,600	5	\$200	
	Other Obs	ervation, Extent : Moderate, .	Area Affe	ected : 100%			
	Location	: Electrical Room					
	Explanat	ion : One Electrical Service	Rated At	350 Amperes			
Raceway							
Conduit	90%		2031	\$30,600	1		
Conduit	10%		2057	* *	1		
Panelboards							
Molded Case Bkrs	60%		2030	\$9,700	5	\$100	
Molded Case Bkrs	40%		2047	* *	5	\$100	
Wiring							
Braided Cloth	20%	2-4 \$6,000	2056	* *	1		
	Insulation	Aged, Extent : Moderate, Are	ea Affecte	ed : 100%			
	Location	: Basement					
Thermoplastic	70%		2031	\$21,000	1		
Thermoplastic	10%		2057	**	1		
Motor Controllers							
Locally Mounted	100%		2044	* *	5	\$100	
Ground						·	
Grounding Devices							
Generic	100%	0-2 \$10,300	LIFE	* *	5	\$100	
	Other Obs	ervation, Extent : Moderate,	Area Affe	ected : 100%		·	
		: Basement					
	Explanat	ion : Ground Bus Bar Not Ol	served.	Jumper Wire For W	Vater Me	ter Observed.	
Lighting	^						
Interior Lighting							
LED	100%		2039	* *			

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.

Asset #: 13252

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Exit, Service	50%		2039	* *	1		
Exit, Battery	50%		2039	* *	10	\$300	
Exterior Lighting							
HID	40%		2031	\$12,300	10		
LED	60%		2039	* *			
Alarm							
Security System							
No Component	20%						
Generic	80%		2039	* *	1	\$2,200	
Fire/Smoke Detection							
No Component	70%						
Generic, Analog	30%		2031	\$25,200	1-3	\$1,400	

Mechanical	Current I	Repair Fu	uture	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Ye		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%	20.	51	* *	1		
Conversion Equipment							
Hot Water Boiler	100%	20		* *	1	\$3,700	
	Other Observation, E	Extent : Light, Area Affe	cted	: 100%			
	Location: Basemen	nt Boiler Room					
	Explanation: 2 Uni	its					
Distribution							
Hot Wtr Piping/Pump	100%	20	39	* *	4	\$600	
Terminal Devices							
Air Handler	75%	20.	31	\$80,300	1	\$3,500	
Convector/Radiator	25%	20:	29	\$10,200	1	\$600	
Air Conditioning							
Energy Source							
Electricity	100%	20	47	* *	1		
Conversion Equipment							
Int Pkg Unit -	95%	20	29	\$153,800	2	\$400	
Heating/Cooling							
	R-22 Refrigerant, Ex	tent : Light, Area Affecte	ed:	100%			
	Location: Basemen	ıt Equipment Room					
Split Unit	5%	20	36	* *			
Heat Rejection							
Dry Cooler	95%	20.	31	\$39,300	2	\$5,000	
No Component	5%			+ y- - -		+-,	
Ventilation	<u> </u>						
Distribution							
Ductwork/Diffusers	100%	LII	FE	* *	2-5	\$6,600	

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.

Asset #: 13252

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
ystem Component Type		Tail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
entilation							
Exhaust Fans							
Interior	80%		2031	\$21,700	2	\$200	
Roof	20%		2031	\$2,500	2		
umbing							
H/C Water Piping							
Brass/Copper	100%		2031	\$56,700	1		
Water Heater							
Electric	100%		2026	\$6,700	4	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2026	\$1,200	4	\$200	
Sewage Ejector(s)							
Electric	100%		2026	\$2,200	4	\$400	
Fixtures							
Generic	100%						

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.

FY 2025

\$6,700

\$7,100

Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : JAMAICA BAY BRANCH LIBRARY
Address : 9727 SEAVIEW AVE. @E. 98 STREET

Borough : BROOKLYN Agency's Number : 81

Area Sq Ft : 7,852 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 29-Jul-2019 Landmark Status : NONE

Areas Surveyed : Floors 1

EXPENSE

Importance Code B

Importance Code C

Total

Block : 8300 Lot : 1 BIN : 3234514

FY 2022

\$13,300

\$29,500

\$200

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Electrical		\$35,000
Mechanical		\$159,200
Total		\$194,200
Importance Code B		\$194,200
Total		\$194,200

FY 2023

\$5,000

\$5,400

FY 2024

\$5,600

\$6,000

\$15,600 **Exterior Architecture** \$1,700 Interior Architecture \$2,100 Electrical \$900 \$700 \$900 \$800 Mechanical \$3,100 \$700 \$1,100 \$600 Site Enclosure \$100 Site Pavements \$3,800 \$3,900 \$3,900 \$3,900 Elevators/Escalators \$3,900 Total \$5,400 \$7,100 \$29,500 \$6,000 Importance Code A \$16,000 \$400 \$400 \$400



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 JAMAICA BAY BRANCH LIBRARY

Asset #: 13253

Architecture		Current F	Repair	Futu	e Replaceme	nt	M	aintenance	
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	90%			LIFE		* *	5	\$23,200	
Pre-Cast Concrete	3%			LIFE		* *	5	\$4,000	
Window Wall	7%			2041		* *	5	\$5,400	
Windows	1000/					* *	_	Φ2.000	
Glass Block	100%			LIFE		* *	5	\$3,900	
Parapets	050/			LIEE		* *	5 10		
Concrete Masonry Unit	95%			LIFE		**	5-10		
Pre-Cast Concrete	5%			LIFE		* **	5		
Roof Not Accessible	100%								
	100%								
Interior Floors									
Ceramic Tile	5%			2040		* *	5	\$600	
Vinyl Tile		Now	\$2,100	2036		* *	3	\$4,200	
v myr The			tent : Moderate, A		eted · 2%		3	Ψ1,200	
			de Of Main Readin						
			xtent : Moderate, A	_	ected : 5%				
			de Of Main Readin						
Interior Walls									
Concrete Masonry Unit	100%			LIFE		* *	5		
Ceilings									
AcousTileSusp.Lay-In	75%			2044		* *	5		
Gypsum Board	25%			LIFE		* *	5-10		
Site Enclosure									
Fence/Gates									
Chain Link	60%			2041		* *			
Concrete Masonry Unit	15%			2041		* *			
Iron Picket	25%			2051		* *			
Retaining Walls									
Cast in Place Concrete	100%		\$100	2051		* *			
			Extent: Moderate		ffected : 10%				
	Location	: Handica	p Ramp Cheek Wa	lls					
Site Pavements									
Public Sidewalk									
Cast in Place Concrete		Now	\$3,600	2036		* *			
	_	_	Extent : Moderate	-	-				
			On East 98th Stree						
			ent : Moderate, Ar						
	Location	: Tree Pit	On East 98th Stree	et Sidewa	ılk				
On-Site Walkways									
Cast in Place Concrete		Now	\$200	2036		* *			
			, Extent : Moderat	e, Area A	Affected: 2%				
		: Rear Ent	trance						
Pavers/Stone	10%			2034		* *			
Parking/Driveway									
Cast in Place Concrete	100%			2036		* *			

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 JAMAICA BAY BRANCH LIBRARY

Asset #: 13253

Electrical		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment Molded Case Bkrs	Location:	Electrical	ctent : Light, Area ! Closet In The Me Service Switch Ra	eting Ro	om	5	\$200	
Switchgear / Switchboard					*			
Molded Case Bkrs	100%			2031	\$35,000	5	\$200	
Raceway								
Conduit	20%			2031	\$6,800	1		
Conduit	80%			2051	* *	1		
Panelboards Molded Case Bkrs	100%			2030	\$16,200	5	\$200	
Wiring								
Thermoplastic	30%			2031	\$9,000	1		
Thermoplastic	70%			2051	* *	1		
Motor Controllers Locally Mounted	100%			2044	* *	5	\$100	
Ground								
Grounding Devices	1000/			LIEE	* *	_	#200	
Generic	100%			LIFE		5	\$200	
Lighting Interior Lighting	10/			2026	# 000	1.0	#100	
Fluorescent	1%	4 15: .	F	2026	\$900	10	\$100	
	Location:		ires, Extent : Light om	t, Area A	ffected : 100%			
LED	99%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2031	\$5,700	10	\$900	
Exit, Battery	50%			2031	\$2,000	10	\$300	
Exterior Lighting HID	100%			2036	* *	10		
Alarm								
Security System	1000/			2026	* *	1	#2 000	
Generic	100%	nation F	ctent : Light, Area	2036		l	\$2,900	
	Location:	Througho	aent : Ligni, Area out The Building Surveillance Cam		: 100%			
Fire/Smoke Detection	Блринино	m . CC1V	Surveillance Cam	crus				
Generic, Digital	100%			2036	* *	1-3	\$4,800	

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

Heating

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 JAMAICA BAY BRANCH LIBRARY

Asset #: 13253

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2041	* *	1		
Conversion Equipment						
Furnace	65%	2031	\$12,200	1	\$2,500	
	Other Observation, Extent: L	ight, Area Affected	: 63%			
	Location: Roof	•,				
	Explanation : 4 Package Un		4. 4.		D4 400	
Hot Water Boiler	35%	2036	**	1	\$1,400	
	Other Observation, Extent: L		: 33%			
	Location: 1st Floor Boiler I	Koom				
Distribution	Explanation: 2 Units					
Hot Wtr Piping/Pump	35%	2039	* *	4	\$200	
No Component	65%	2039		4	\$200	
Terminal Devices	0370					
Convector/Radiator	35%	2036	* *	1	\$900	
No Component	65%	2030			Ψ	
Air Conditioning	0070					
Energy Source						
Electricity	100%	2039	* *	1		
Conversion Equipment						
Ext Pkg Unit -	100%	2031	\$99,800	2	\$500	
Heating/Cooling						
	R-22 Refrigerant, Extent : Lig	ht, Area Affected :	100%			
	Location : Roof					
	Other Observation, Extent: L	ight, Area Affected	: 100%			
	Location : Roof					
	Explanation : 4 Package Un	its				
Ventilation						
Distribution	1000/	LIEE	* *	2.5	¢.c. 000	
Ductwork/Diffusers	100%	LIFE		2-5	\$6,900	
Exhaust Fans Roof	100%	2021	¢12 200	2	\$200	
Plumbing	10070	2031	\$13,200	2	\$200	
H/C Water Piping						
Brass/Copper	100%	2031	\$59,400	1		
Water Heater	10070	2031	Ψυν,που	1		
Gas Fired	100%	2026	\$4,900	2	\$100	
Sanitary Piping	10070	2020	ψ 1,5 50		Ψ100	
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
•						

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

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 : 03-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5416 Lot : 14 BIN : 3801250

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture		\$177,700
Total		\$177,700
Importance Code A		\$177,700
Total		\$177.700

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$14,300		\$18,900	\$9,900
Interior Architecture	\$11,100	\$1,600	\$12,300	\$2,800
Electrical	\$1,700	\$1,300	\$1,300	\$1,800
Mechanical	\$4,800	\$2,300	\$6,400	\$2,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$35,900	\$9,200	\$42,900	\$21,000
Importance Code A	\$15,300	\$1,000	\$19,900	\$11,000
Importance Code B	\$20,600	\$7,400	\$23,000	\$10,000
Importance Code C		\$900		
Total	\$35,900	\$9,200	\$42,900	\$21,000



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.

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	000/				di di	_	44	
Cast Stone/Terra Cotta	80%			LIFE	* *	5	\$177,700	
Metal Panel	5%	N T	¢2 200	2055 LIFE	* *	5-10	\$9,800	
Granite Panels	5%		\$3,300 Extent : Moderate			5	\$1,100	
	_	: Through		, ягеи я	Heciea . 576			
W: 1 W-11	10%	. Inrougn	Oui	2040	* *	-	¢10.700	
Window Wall Windows	10%			2049		5	\$10,700	
Aluminum	95%			2045	* *	5	\$5,700	
Metal Louvers	5%			2043	* *	10	\$1,900	
Parapets	370			2036		10	\$1,900	
Masonry: Brick Cavity	85%			LIFE	* *	5	\$1,600	
Metal Rail	5%			2046	* *	5-10	\$1,700	
Pre-Cast Concrete	10%			LIFE	* *	5	\$1,700	
Roof	1070			LII L			Ψ1,200	
Metal Panel	5%	Now	\$11,100	2049	* *			
			xtent : Severe, Ared		ed : 100%			
		: Stair Bu		55				
	Water Pen	etration, E	xtent : Moderate, A	lrea Affe	ected : 10%			
		: Stair Bu						
Single Ply Membrane	75%			2034	* *	10	\$13,600	
Skylight, Metal/Glass	20%			2049	* *	10	\$12,100	
Soffits							+,	
Exposed Struc: Steel	50%			LIFE	* *	5	\$500	
Glass: Special Gauge	50%			LIFE	* *	1		
		ervation, E : Facade	Extent : Light, Area	Affected	! : 100%			
	Explanat	ion : Alum	imum Fins On Stru	ctural Si	teel			
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$3,300	
Ceramic Tile	5%			2038	* *	5	\$1,500	
Panel/Paver: Cer/Brk	5%			2045	* *	5	\$3,400	
Sheet Vinyl/Rubber	55%			2034	* *	5	\$24,600	
Vinyl Tile	30%			2034	* *	3	\$4,500	
Interior Walls	_							
Ceramic Tile	5%			2038	* *	5	\$1,800	
Concrete Masonry Unit	5%			LIFE	* *	5	\$700	
Glass: Single Pane	5%			LIFE	* *	5	\$1,300	
Gypsum Board	75%			LIFE	* *	5	\$16,100	
Wood	10%			LIFE	* *	5	\$14,300	
Ceilings	4=0:			2012	a. ·	-	010 100	
AcousTileSusp.Lay-In	45%			2042	* *	5	\$13,400	
Exposed Struc: Steel	5%	3.7	#2.20 0	LIFE	* *	-	010.600	
Gypsum Board	50%	Now	\$3,300	LIFE		5	\$18,600	
			xtent : Moderate, A	ırea Affe	ected : 5%			
-	ьосаноп	: Stair Bu	кпеаа					

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.

Asset #: 14461

Architecture	Current Repair	Future Replacemen	nt Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated Co FY	OST Cycle Estimated Cost (Yrs)	Priority
Site Enclosure				
Fence/Gates				
Iron Picket	100%	2064	* *	
Site Pavements				
Public Sidewalk				
Cast in Place Concrete	100%	2042	* *	
On-Site Walkways				
Pavers/Stone	100%	2038	* *	

Current Rep	pair Futui	e Replacement	Maintenance			
% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
100%	2055	* *	5	\$100		
Other Observation, Exte	ent : Light, Area Affectea	1: 100%				
Location : Electrical F	Room					
Explanation : Main Se	rvice Bolted Pressure Sv	vitch Rated At 160) Ampere	es.		
100%	2055	* *	5	\$100		
Other Observation, Extent : Light, Area Affected : 100%						
Location : Electrical F	Room					
Explanation: 1- Vertic	cal Section					
100%	2055	* *	1			
5%	2051	* *	5			
95%	2051	* *	5	\$500		
100%	2055	* *	1			
20%	2046	* *	5			
80%	2046	* *	5	\$400		
100%	LIFE	* *	5	\$300		
	% of Fail Date E Total (Years) 100% Other Observation, Exte Location: Electrical R Explanation: Main Se 100% Other Observation, Exte Location: Electrical R Explanation: 1- Vertice 100% 5% 95% 100% 20% 80%	% of Total (Years) 100% 2055 Other Observation, Extent: Light, Area Affected Location: Electrical Room Explanation: Main Service Bolted Pressure Sy 100% 2055 Other Observation, Extent: Light, Area Affected Location: Electrical Room Explanation: I- Vertical Section 100% 2055 5% 2051 100% 2055 2051 2066 2046 2046	100% 2055 ** 100% 2055 ** Other Observation, Extent: Light, Area Affected: 100% Location: Electrical Room Explanation: Main Service Bolted Pressure Switch Rated At 1600 100% 2055 ** Other Observation, Extent: Light, Area Affected: 100% Location: Electrical Room Explanation: 1- Vertical Section 2055 ** 100% 2055 ** 5% 2051 ** 5% 2051 ** 100% 2055 ** 20% 2046 ** 80% 2046 **	Nof Total Fail Date Estimated Cost Year Estimated Cost Cycle (Yrs)	100% 2055 ** 5 \$100	

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.

Asset #: 14461

Electrical	Current Repair		Future Replacement		Maintenance					
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
ighting										
Interior Lighting										
Fluorescent	55%		2037	* *	10	\$10,000				
	_	T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location	n : Reading Areas, 1st And 2n	d Floor							
Fluorescent	30%		2037	* *	10	\$5,500				
	T-8 Lamp	s And Fixtures, Extent : Light	, Area Af	fected : 100%						
	Location	Location: Throughout The Building								
Fluorescent	10%	ı	2037	* *	10	\$1,800				
	Compact 1	Fluorescent Light, Extent : Li	ght, Area	Affected: 100%						
		n : Throughout The Building		30						
LED	5%		2037	* *						
Egress Lighting										
Emergency, Battery	50%		2037	* *	10	\$2,400				
Exit, LED	50%		2064	* *	1					
Exterior Lighting										
LED	25%		2037	* *						
No Component	75%									
Alarm										
Security System										
No Component	70%									
Generic	30%		2037	* *	1	\$2,200				
	Other Obs	servation, Extent : Light, Ared	ı Affected	l : 100%						
	Location : Reading Areas And Outside									
	Explana	tion : CCTV Surveillance Car	neras An	d Intrusion Alarm	System					
Fire/Smoke Detection										
Generic, Digital	100%		2037	* *	1-3	\$12,600				
	Other Observation, Extent : Light, Area Affected : 100%									
	Location: Throughout The Building									
	Explana	tion : Strobe Lights, Manual I	Pull Stati	ons, Alarm Bells, S	Smoke De	etectors And Horns				

Nechanical	Current Repair	Future Replacer	nent	М	aintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	l Cost	Cycle (Yrs)	Estimated Cost	Priority		
leating								
Energy Source								
Natural Gas	100%	2055	* *	1				
Conversion Equipment								
Furnace	70%	2034	* *	1	\$6,900			
	Other Observation, Extent : Light, Area Affected : 70%							
	Location: 2 Are On Lower Roof, One	s Is On Higher Roof						
	Explanation: 3 Package Units.							
Hot Water Boiler	30%	2042	* *	1	\$3,000			
	Other Observation, Extent : Light, Area Affected : 30%							
	Location : Basement Boiler Room							
	Explanation: 2 Units							

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.

Asset #: 14461

Mechanical	Current Repair		Future Replacement			Maintenance		
System Component Type	% of Fail Date Total (Years)		ear E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Distribution								
Hot Wtr Piping/Pump	30%	20	51	* *	4	\$400		
No Component	70%							
Terminal Devices	200/	20	10	* *	1	¢1 000		
Convector/Radiator	30%	20	42	4. 4.	1	\$1,900		
No Component	70%							
Air Conditioning Energy Source								
Electricity	100%	20	51	* *	1			
Conversion Equipment	10070	20	<i>J</i> 1		1			
Ext Pkg Unit -	90%	20	34	* *	2	\$1,100		
Heating/Cooling	<i>7</i> 070	20	JT		2	\$1,100		
rieumg, coomig	Other Observation, E.	xtent : Light, Area Affe	cted : 1	100%				
		Lower Roof, One Is O						
	Explanation: 3 Pac	kage Units, R-410a, No	o.1 Is U	nder Repair				
Split Unit	10%	20	34	* *				
21		xtent : Light, Area Affe		10%				
	Location: Roof	0 11						
	Explanation: 2 Uni	ts, R-410a						
Terminal Devices	*							
Fan Coil - 2 Pipe	10%	20	34	* *	1	\$600		
No Component	90%							
Heat Rejection								
Air Cooled Condenser	100%	20	34	* *	2	\$13,900		
Unit								
		xtent : Light, Area Affe	cted : I	00%				
	Location: Higher R	-						
	Explanation: 3 Uni	ts						
Ventilation								
Distribution Ductwork/Diffusers	100%	LI	CC	* *	2-5	\$11,100		
Exhaust Fans	10070	LI	ГĽ		2-3	\$11,100		
Roof	100%	20	34	* *	2	\$600		
Plumbing	10070	20	JT			\$000		
H/C Water Piping								
Brass/Copper	100%	20	49	* *	1			
Water Heater								
Electric	100%	20	27	\$17,800	4	\$200		
	Other Observation, E.	xtent : Light, Area Affe	cted : 1					
	Location: Basemen	t						
	Explanation: 1 Uni	t 40 Gallons						
Sanitary Piping								
Cast Iron	100%	LI	FE	* *	1			
Storm Drain Piping								
Cast Iron	100%	LI	FE	* *	1			
Sewage Ejector(s)								
Electric	100%	20	37	* *	4	\$800		

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.

Asset #: 14461

Mechanical	Current Repair	Future Replace	ement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Backflow Preventer						
Generic	100%	2037	* *	1	\$1,200	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent:	Light, Area Affected : 100%				
	Location: Basement To 2nd	d Floor				
	Explanation: 1 Unit					
Fire Suppression						
Sprinkler						
Generic	100%	2055	* *	1-2	\$5,600	

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.

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : KINGS BAY BRANCH LIBRARY

Address : 3650 NOSTRAND AVE. NEAR AVENUE W

Borough : BROOKLYN Agency's Number : 44

Area Sq Ft : 14,885 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 03-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 7405 Lot : 920 BIN : 3202630

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$383,700	
Electrical	\$50,100	
Mechanical		\$306,800
Total	\$433,800	\$306,800
Importance Code A	\$383,700	\$35,600
Importance Code B	\$50,100	\$271,300
Total	\$433,800	\$306,800

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$2,600		\$5,700	
Interior Architecture	\$7,600	\$800		\$2,400
Electrical	\$500	\$400	\$2,500	\$400
Mechanical	\$1,000	\$3,100	\$1,900	\$3,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$15,700	\$8,200	\$14,100	\$9,800
Importance Code A	\$3,300	\$700	\$6,500	\$700
Importance Code B	\$12,400	\$7,300	\$7,600	\$9,000
Importance Code C		\$200		
Total	\$15,700	\$8,200	\$14,100	\$9,800



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.

Asset #: 13254

Architecture		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	\$22,100	
Masonry: Granite	5%			LIFE	* *	5	\$900	
Windows								
Aluminum	70%	0-2	\$2,600	2037	**	5	\$300	
			nt : Moderate, A		cted : 30%			
		: West Facad	e, Staff Work R					
Glass Block	30%			LIFE	* *	5	\$200	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	\$1,000	
Metal Panel	10%			2039	* *	5	\$1,000	
No Component	50%							
Roof								
Modified Bitumen		Now	\$307,000	2039	* *			1
	-	-	oderate, Area Ą	ffected :	35%			
		: Throughout						
			ite, Area Affect	ed : 40%				
		: Throughout						
	-		: Moderate, Ai	rea Affec	ted: 25%			
		: Throughout	~ .					
			nt : Severe, Are	a Affecte	d: 30%			
		: Throughout						
Modified Bitumen	20%			2024	\$76,700	10	\$5,200	
Soffits								
Exposed Struc: Steel	100%			LIFE	* *	5		
nterior								
Floors	-0/			• • • •	di di	_	0.1.1.0.0	
Ceramic Tile	5%			2038	* *	5	\$1,100	
Quarry Tile	5%			2042	* *	5	\$1,700	
Terrazzo	5%			LIFE	* *	5	\$900	
Vinyl Tile	85%			2034	* *	3	\$9,500	
Interior Walls					ale de			
Cast in Place Concrete	5%			LIFE	**	_		
Ceramic Tile	5%			2038	**	5	\$400	
Gypsum Board	90%			LIFE	* *	5	\$4,100	
Ceilings	50 /			20.42	ملد بائ	-	#1 100	
AcousTile,Adhered	5%	3.7	Ф2 200	2042	**	5	\$1,100	
AcousTileSusp.Lay-In		Now	\$3,300	2042	**	5	\$9,500	
			tent : Moderate	e, Area A	ijectea : 5%			
		: Throughout		1 100	. 1 50/			
		etration, Exter : Throughout	nt : Moderate, A	Area Affe	cted: 5%			
Gypsum Board	10%	Now	\$500	LIFE	* *	5	\$2,800	
							-	
	Water Per	etration, Exter	nt : Moderate, 2	1rea A <u>f</u> fe	cted : 5%			

Site Enclosure

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.

Asset #: 13254

Architecture	Current Repair	Future Repl	acement	Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure						
Fence/Gates						
Chain Link	75%	2039	* *			
Iron Picket	25%	2064	* *			
Free Standing Walls						
Masonry: Brick	100%	2049	* *			
Retaining Walls						
Cast in Place Concrete	100%	2064	* *			
Site Pavements						
Public Sidewalk						
Cast in Place Concrete	100%	2042	* *			
	Cracking/Crumbling, Extent: Light	it, Area Affected : 5%	ó			
	Location : Throughout					
On-Site Walkways						
Cast in Place Concrete	100%	2042	* *			
Parking/Driveway						
Asphalt	100%	2038	* *			

lectrical	Current Repa	ir Future Re	placement	M	aintenance	
ystem Component Type	% of Fail Date Est Total (Years)	imated Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	30%	2039	* *	5		
	Other Observation, Exten	t : Light, Area Affected : 10	00%			
	Location : Electrical Ro	om				
	Explanation: One 400 A	Imperes Main Disconnect S	Switch For Air	Conditio	on	
Fused Disc Sw	70%	2029	\$1,100	5		
	Other Observation, Exten	t : Light, Area Affected : 10				
	Location : Electrical Ro	om Basement				
	Explanation: One 400 A	Amperes Main Disconnect S	Switch For The	Main B	uilding	
Switchgear / Switchboard	*	•				
Molded Case Bkrs	100%	2039	* *	5	\$400	
Raceway						
Conduit	100%	2039	* *	1		
Panelboards						
Fused Disc Sw	5%	2037	* *	5		
Fused Disc Sw	5%	2028	\$800	5		
Molded Case Bkrs	90%	2037	* *	5	\$400	
Wiring						
Thermoplastic	80%	2039	* *	1		
Thermoplastic	20%	2029	\$6,000	1		
Motor Controllers						
Locally Mounted	100%	2034	* *	5	\$100	

Ground

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.

Asset #: 13254

Electrical	Current Repair	Future Re	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
	Other Observation, Extent : . Location : Basement Explanation : Water Main	Light, Area Affected : 10	0%			
Lighting						
Interior Lighting						
LED	100%	2037	* *			
Egress Lighting						
Emergency, Battery	50%	2034	* *	10	\$1,800	
Exit, Service	50%	2034	* *	1		
Exterior Lighting HID	100%	2037	* *	10		
Alarm						
Security System						
No Component	80%					
Generic	20%	2029	\$9,800	1	\$1,100	
Fire/Smoke Detection						
No Component	70%					
Generic, Analog	30%	2024	\$50,100	1-3	\$2,700	

Mechanical	Current Repair	Future Replacement		М	aintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
leating							
Energy Source Natural Gas	100%	2039	* *	1			
Conversion Equipment Furnace	100%	2029	\$25,600	1	\$7.400		
rumace			\$35,600	1	\$7,400		
	Other Observation, Extent : Light, A Location : Roof	нгеи Ајјестеи	. 100/0				
	Explanation: 2 Package Units						
ir Conditioning							
Energy Source							
Electricity	100%	2045	* *	1			
Conversion Equipment							
Ext Pkg Unit -	100%	2029	\$189,100	2	\$900		
Heating/Cooling	D 44 D 44		1000/				
	R-22 Refrigerant, Extent: Light, Ar Location: Roof	ea Affected : .	100%				
	Other Observation, Extent: Light, A	Area Affected	. 100%				
	Location: Roof	irea zijjeciea	. 10070				
	Explanation: 2 Package Units						
Heat Rejection	T						
Dry Cooler	100%	2029	\$82,100	2	\$10,400		

Ventilation

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.

Asset #: 13254

Mechanical	Current Repair Future Replace		eplacement	Maintenance		
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$8,300	
Exhaust Fans						
Roof	100%	2029	\$25,100	2	\$500	
Plumbing H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Electric	100%	2027	\$13,300	4	\$100	
Sanitary Piping			*			
Cast Iron	100%	LIFE	* *	1		
	Other Observation, Extent : L	ight, Area Affected : 39	%			
	Location : Court Yard					
	Explanation : According To Connected To A Dry Well, N			Orain In (Court Yard Is	
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s)						
Electric	100%	2034	* *	4	\$900	
	Other Observation, Extent : L	ight, Area Affected : 10	00%			
	Location : Basement Mechan	nical Equipment Room				
	Explanation: 1 Unit					
Fixtures						
Generic	100%					
/ertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
-	Other Observation, Extent : L	ight, Area Affected : 10	00%			
	Location: Basement To 2nd	Floor				
	Explanation: 1 Unit					

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.

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : KINGS HIGHWAY BRANCH LIBRARY
Address : 2115 OCEAN AVE. @KINGS HIGHWAY

Borough : BROOKLYN Agency's Number : 45

Area Sq Ft : 23,822 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 27-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 6783 Lot : 68 BIN : 3182576

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$97,400	
Electrical		\$24,600
Mechanical		\$308,500
Total	\$97,400	\$333,000
Importance Code A	\$97,400	
Importance Code B		\$333,000
Total	\$97,400	\$333,000

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$19,800		\$28,300	\$2,300
Interior Architecture	\$11,600	\$900		\$3,600
Electrical	\$2,100	\$1,600	\$1,600	\$2,100
Mechanical	\$7,800	\$2,800	\$6,600	\$3,400
Site Enclosure	\$1,600			
Site Pavements	\$2,900			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$49,800	\$9,300	\$40,500	\$15,400
Importance Code A	\$21,000	\$1,200	\$29,500	\$3,500
Importance Code B	\$24,200	\$8,100	\$11,000	\$11,900
Importance Code C	\$4,500			
Total	\$49,800	\$9,300	\$40,500	\$15,400



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.

Asset #: 4206

Architecture	Current F	Current Repair Futur		e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls							
Masonry: Brick	90% 0-2 Joint Mortar Miss/Er Location : Through Water Penetration, E	out xtent : Light, Area A	Affected		5	\$29,800	
	Location: Kitchen	And Office In Basen	nent				
Masonry: Limestone	2%		LIFE	* *	5	\$500	
Metal Panel	5%		2049	* *	5-10	\$11,400	
Window Wall	3%		2049	* *	5	\$3,700	
Windows							
Aluminum	100%		2045	* *	5	\$4,600	
Parapets							
Masonry: Brick	80% Now	\$19,800	LIFE	* *	5	\$3,200	
	Joint Mortar Miss/Er Location: Through Spalling, Extent: Mo Location: Through Worn/Eroded, Extent Location: Through	out derate, Area Affecte out : Moderate, Area A	ed : 10%	6			
Masonry: Limestone	15%		LIFE	* *	5	\$700	
Metal Panel	5%		2049	* *	5	\$800	
Roof						4000	
Modified Bitumen	100%		2034	* *	10	\$22,900	
Soffits							
Metal Panel	100%		2049	* *	5-10		
nterior							
Floors							
Floors Cast in Place Concrete	10%		LIFE	* *	5	\$7,800	
	10% 5%		LIFE 2038	* *	5 5	\$7,800 \$1,800	
Cast in Place Concrete						•	
Cast in Place Concrete Ceramic Tile	5%		2038	* *	5	\$1,800	
Cast in Place Concrete Ceramic Tile Terrazzo	5% 5%		2038 LIFE	* *	5 5	\$1,800 \$1,400	
Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile	5% 5%		2038 LIFE	* *	5 5	\$1,800 \$1,400	
Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane	5% 5% 80%		2038 LIFE 2034 LIFE	* * * * *	5 5 3	\$1,800 \$1,400 \$14,300 \$2,100	
Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane Gypsum Board	5% 5% 80% 5% 20%		2038 LIFE 2034 LIFE LIFE	** ** **	5 5 3	\$1,800 \$1,400 \$14,300	
Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane	5% 5% 80% 5% 20% 5%		2038 LIFE 2034 LIFE LIFE LIFE	** ** **	5 5 3 5 5	\$1,800 \$1,400 \$14,300 \$2,100 \$6,800	
Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane Gypsum Board Masonry: Fieldstone Plaster	5% 5% 80% 5% 20%		2038 LIFE 2034 LIFE LIFE	* * * * * * * * * * * * * * * * * * *	5 5 3	\$1,800 \$1,400 \$14,300 \$2,100	
Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane Gypsum Board Masonry: Fieldstone Plaster SGFT/Glazed Masonry	5% 5% 80% 5% 20% 5% 50%		2038 LIFE 2034 LIFE LIFE LIFE LIFE	* * * * * * * * * * * * * * * * * * *	5 5 3 5 5	\$1,800 \$1,400 \$14,300 \$2,100 \$6,800	
Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane Gypsum Board Masonry: Fieldstone Plaster SGFT/Glazed Masonry Ceilings	5% 5% 80% 5% 20% 5% 50%		2038 LIFE 2034 LIFE LIFE LIFE LIFE	* * * * * * * * * * * * * * * * * * *	5 5 3 5 5	\$1,800 \$1,400 \$14,300 \$2,100 \$6,800	
Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane Gypsum Board Masonry: Fieldstone Plaster SGFT/Glazed Masonry Ceilings Acous TileSusp.Lay-In	5% 5% 80% 5% 20% 5% 50% 20%		2038 LIFE 2034 LIFE LIFE LIFE LIFE LIFE 2042	* * * * * * * * * * * * * * * * * * *	5 5 3 5 5 5	\$1,800 \$1,400 \$14,300 \$2,100 \$6,800 \$8,400	
Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane Gypsum Board Masonry: Fieldstone Plaster SGFT/Glazed Masonry Ceilings	5% 5% 80% 5% 20% 5% 50% 20%		2038 LIFE 2034 LIFE LIFE LIFE LIFE LIFE	* * * * * * * * * * * * * * * * * * *	5 5 3 5 5 5	\$1,800 \$1,400 \$14,300 \$2,100 \$6,800 \$8,400	

Site Enclosure

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.

Asset #: 4206

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Site Enclosure								
Fence/Gates								
Chain Link	85% 4+	\$1,600 2039						
	Broken/Missing Elements, Extent: Moderate, Area Affected: 5%							
	Location: Rear And Side Yard							
	Corrosion/Rusting, Extent							
	Location : Rear And Side							
	Impact Damage, Extent : I	Light, Area Affected .	2%					
	Location: Rear Yard							
Iron Picket	15%	2064	. **					
Free Standing Walls								
Masonry: Brick	100%	2049	**					
	Other Observation, Extent : Moderate, Area Affected : 30% Location : Side Yard							
	Explanation : Staining, I	Particle Pollution						
Retaining Walls								
Cast in Place Concrete	100%	2073	**					
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100% 2-4	\$2,900 2042	**					
	Misaligned/Bulging, Exter Location : Rear And Side		Iffected : 10%					
Parking/Driveway								
Asphalt	100%	2038	**					

ectrical	Current Repair	Future Rep	acement	М	aintenance	
stem Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2055	* *	5	\$100	
	Other Observation, Extent: Light,	Area Affected : 1009	6			
	Location : Electrical Room					
	Explanation : Main Service Disco	onnect Switch Rated	At 1,200 An	ıperes		
Switchgear / Switchboard						
Fused Disc Sw	100%	2055	* *	5	\$100	
	Other Observation, Extent: Light,	Area Affected : 1009	6			
	Location : Electrical Room					
	Explanation: 1- Vertical Section					
Raceway						
Conduit	100%	2055	* *	1		
Panelboards						
Fused Disc Sw	5%	2051	* *	5		
Molded Case Bkrs	95%	2051	* *	5	\$600	
Wiring						
Thermoplastic	100%	2055	* *	1		

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.

Asset #: 4206

Electrical	Current Repair	Future	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimat Total (Years)	red Cost Year 1 FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%	2046	* *	5	\$100			
Locally Mounted	50%	2027	\$24,600	5	\$100			
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$400			
Lighting								
Interior Lighting								
LED	100%	2037	* *					
	Other Observation, Extent : Li	0 00	100%					
	Location : Throughout The B	Building						
	Explanation: LED Lights							
Egress Lighting								
Emergency, Battery	50%	2037	* *	10	\$2,900			
Exit, Service	50%	2037	* *	1				
Exterior Lighting								
LED	30%	2037	* *					
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%	2037	* *	1	\$2,700			
	Other Observation, Extent : Li Location : Inside And Outsid		100%					
	Explanation : CCTV Surveill	ance Cameras						
Fire/Smoke Detection								
Generic, Digital	100%	2037	* *	1-3	\$15,100			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout The B	Building						
	Explanation: Strobe Lights,	Manual Pull Staion.	s, Alarm Bells, Sr	noke Dei	tectors And Horns			

Mechanical	Current Repair	Future Repl	acement	M		
system Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2042	* *	1	\$11,800	
	Other Observation, Extent: Light,	Area Affected: 1009	%			
	Location: Basement Boiler Roo	m				
	Explanation: 2 Units					
Distribution						
Hot Wtr Piping/Pump	100%	2045	* *	4	\$1,200	

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.

Asset #: 4206

Mechanical		Current Repair Future Replacement			M		
System Component Type	% of Total	Fail Date Estimated Cos (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Air Handler	40%		2034	* *	1	\$5,900	
Convector/Radiator	60%		2042	* *	1	\$4,600	
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Int Pkg Unit - Heating/Cooling	60%		2030	\$308,500	2	\$900	
	R-22 Refri	gerant, Extent : Light, Ared	a Affected :	60%			
	Location	: Penthouse And 2nd Floo	r Mechanio	cal Equipment Root	n		
Exterior Pkg Unit - Cooling	40%		2034	* *	2	\$600	
comg	R-22 Refri Location	gerant, Extent : Light, Ared : Roof	a Affected :	40%			
Heat Rejection							
Air Cooled Condenser	60%		2034	* *	2	\$10,000	
Unit							
No Component	40%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$13,300	
Exhaust Fans							
Interior	95%		2037	* *	2	\$700	
Roof	5%		2034	* *	2		
Plumbing							
H/C Water Piping	1000/		• • • •	de de			
Brass/Copper	100%		2049	* *	1		
Water Heater	1000/			0.1.1 - 0.0		4.00	
Gas Fired	100%		2027	\$14,700	2	\$300	
Sanitary Piping	1000/		TIPE	ale ale			
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping Cast Iron		0-2 \$2,500 vervation, Extent : Moderate :: South Exit		* * ected : 5%	1		
		tion : Sewage Piping Is Und	lor Sizad C	ausing Water To R	ackun W	hen It Rains	
Sawaga Fiactor(s)	Елріапа	non . Sewage Fiping 18 Uni	ier sizeu C	uusing rruier 10 D	искир Т	nen 11 Kulhs	
Sewage Ejector(s) Electric	100%		2034	* *	4	\$1,400	
Backflow Preventer	10070		2037		- T	Ψ1,π00	
Generic Generic	100%		2034	* *	1	\$1,500	
Fixtures	10070		2037		1	Ψ1,500	
Generic	100%						
Vertical Transport	10070						

Vertical Transport

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.

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BROOKLYN PUBLIC LIBRARY - 038 KINGS HIGHWAY BRANCH LIBRARY

Asset #: 4206

Mechanical	nanical Current Repair				Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Vertical Transport							
Elevators							
Hydraulic	100%	LIFE	* *				
	Other Observation, Extent : Light, Are	a Affected	: 100%				
	Location: Basement To 2nd Floor						
	Explanation: 1 Unit						
Fire Suppression							
Sprinkler							
No Component	70%						
Generic	30%	2049	* *	1-2	\$2,000		

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.

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : LEONARD BRANCH LIBRARY Address : 81 DEVOE ST. @ LEONARD ST.

Borough : BROOKLYN Agency's Number : 46

Area Sq Ft : 10,688 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 09-Apr-2018 Landmark Status : NONE

Areas Surveyed : Basement, Floors 1

Block : 2762 Lot : 21 BIN : 3068818

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$188,200	\$151,500
Interior Architecture	\$36,200	\$120,700
Electrical	\$43,700	\$35,000
Mechanical	\$313,300	
Site Pavements	\$75,400	
Total	\$656,800	\$307,200
Importance Code A	\$188,200	\$151,500
Importance Code B	\$468,600	\$155,700
Total	\$656,800	\$307,200

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$58,200		\$600	
Interior Architecture	\$27,000	\$400		\$1,600
Electrical	\$38,000	\$700	\$11,900	\$600
Mechanical	\$24,100	\$2,200	\$11,400	\$2,200
Site Enclosure	\$4,800			
Site Pavements	\$15,300			
Total	\$167,500	\$3,200	\$23,900	\$4,400
Importance Code A	\$58,800	\$500	\$1,100	\$500
Importance Code B	\$82,200	\$2,300	\$22,800	\$3,900
Importance Code C	\$26,600	\$400		
Total	\$167,500	\$3,200	\$23,900	\$4,400



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.

Asset #: 13255

rchitecture	Current Re	pair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls							
Cast Stone/Terra Cotta	5% 4+ Cracking/Crumbling, E. Location : Throughout		LIFE , Area A <u>f</u>	* * fected : 10%	5	\$8,100	
Masonry: Brick	85% 4+ Joint Mortar Miss/Erod Location : Throughout		LIFE cate, Area	* * Affected : 30%	5	\$17,600	
Masonry: Limestone	5% 0-2	\$12,200	LIFE	* *	5	\$800	
•	Cracking/Crumbling, E. Location: Building Be		, Area A <u>f</u>	fected : 15%			
Stucco Cement	5% Now Cracking/Crumbling, E. Location: Basement I.		2034 , Area A <u>f</u>	* * fected : 20%	5	\$1,300	
Windows							
Aluminum	90% Now Ctrwt/Balnc Not Funct, Location: Throughou. Deteriorated Finish, Ex Location: Throughou. Other Observation, Exte	t tent : Moderate, t ent : Moderate, 2	Area Aff	Sected: 50%	5	\$800	
	Explanation : Therma						
Steel	10% Now Corrosion/Rusting, Exte Location: Basement Thermally Inefficient, E. Location: Basement Unit Inoperable, Extent Location: Basement	\$10,200 ent : Moderate, A	e, Area A <u>j</u>	ffected : 50%	5	\$1,100	
Parapets							
Masonry: Brick Masonry: Limestone	80% 15% Now Caulking Deteriorated, Location: Over Main		LIFE LIFE ate, Area	* * * * Affected : 5%	5 5	\$900 \$200	
Metal Rail	5%	·	2034	* *	5-10	\$1,000	
Roof					- 10	\$1,000	
Modified Bitumen Slate	60% 40% 0-2 Gut/DS Non Func/Miss, Location : Throughou		2029 LIFE ate, Area	\$151,500 * * Affected : 50%	10	\$10,300	

Interior

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.

Asset #: 13255

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Darks Total (Year	ate Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Floors	100/		TIPE	* *	~	Ф 2 400	
Cast in Place Concrete Ceramic Tile	10% 5% 4+	\$1,600	LIFE 2032	**	5 5	\$3,400 \$400	
Cerainie The	-	lements, Extent : Mod			3	\$400	
Vinyl Tile	85% Now Loose Units, Exter Location: Baser	nt : Moderate, Area A	2029 ffected :	\$120,700	3	\$4,900	
	Worn/Eroded, Ext Location : Baser	ent : Moderate, Area nent	Affected	: 50%			
Interior Walls							
Ceramic Tile	5%		2038	* *	5	\$700	
Concrete Masonry Unit	10%		LIFE	* *	5	\$600	
Masonry: Brick	10% 4+	\$6,200	LIFE	**			
	Water Penetration Location: Baser	n, Extent : Moderate, 2 nent	Area Affe	cted: 5%			
Plaster	70%		LIFE	* *	5	\$3,100	
Plaster	5% 4+	\$300	LIFE	* *	5	\$200	
		ent : Moderate, Area	Affected	: 5%			
	Location : Meeti	ing Room					
Ceilings AcousTileConcealSpLn		\$18,900 ing, Extent : Moderate ing Room	2034 e, Area A	* * ffected : 10%	5	\$6,700	
	Location: First	ing, Extent : Moderate					
Exposed Concrete	10%		LIFE	* *	5	\$200	
Plaster	20%		LIFE	* *	5	\$1,900	
Site Enclosure							
Fence/Gates Iron Picket	100%		2064	* *			
Free Standing Walls	10070						
Masonry: Brick	Location : At En	lements, Extent : Moa trance ing, Extent : Moderate					
		ng, Extent : Moderate,	Area Afj	fected : 30%			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100% Now Cracking/Crumble Location: Leona	ing, Extent : Moderate	2042 e, Area A	* * ffected : 30%			

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.

Asset #: 13255

Architecture		Current F	Repair	Futur	re Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2034	* *			
Parking/Driveway								
Asphalt	100%	0-2	\$15,300	2032	* *			
-	Cracking/	Crumbling,	Extent: Moderate	, Area Ą	ffected : 20%			
	Location	: Drivewa	y Entry Point					
	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 50%			
	Location	: Through	out					
	Explanai	ion : Worn	Surface					

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%			2029	\$1,600	5		
			Extent : Light, Area	Affected	l : 100%			
	Location	: Electrica	al Room					
	Explanat	ion : One	400 Ampere Main I	Disonnec	et Switch			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	\$35,000	5	\$300	
Raceway								
Conduit	100%			2029	\$34,000	1		
Panelboards								
Fused Disc Sw	5%			2028	\$800	5		
Molded Case Bkrs	95%			2028	\$15,400	5	\$300	
Wiring								
Braided Cloth	90%	2-4	\$27,000	2054	* *	1		
	Insulation	Aged, Exte	ent : Moderate, Are	ea Affecte	ed : 100%			
	Location	: Through	out The Building					
Thermoplastic	10%			2029	\$3,000	1		
Motor Controllers								
Locally Mounted	100%			2027	\$32,700	5	\$100	
Ground								
Grounding Devices								
Generic	100%	2-4	\$10,300	LIFE	* *	5	\$200	
	Other Obs	ervation, E	Extent : Light, Area	Affected	l : 100%			
	Location	: Main Wo	ater Pipe					
	Explanat	ion : Corre	oded					
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	\$9,800	
			res, Extent : Light,	Area Af	fected : 100%			
	Location	: Through	out The Building					

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.

Asset #: 13255

Electrical	Current R	epair Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Egress Lighting						
Emergency, Battery	50%	2034	* *	10	\$1,300	
Exit, Service	50%	2034	* *	1		
Exterior Lighting						
HID	100%	2024	\$43,700	10		
Alarm						
Security System						
Generic	100%	2034	* *	1	\$4,000	
	Other Observation, Ex	ctent : Light, Area Affected	d: 100%			
	Location : Througho	ut The Building				
	Explanation: CCTV	Surveillance Cameras, In	trusion Alarm And	Motion S	Sensor	
Fire/Smoke Detection						
No Component	70%					
Generic, Digital	30%	2034	* *	1-3	\$2,000	

Mechanical	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%	2	2039	* *	1		
Conversion Equipment							
Hot Water Boiler	100%	2	2046	* *	1	\$5,300	
	Other Observation, Ex Location: Basement Explanation: 1 Unit	t Boiler Room	fected	: 100%			
Distribution							
Hot Wtr Piping/Pump	100%	2	2028	\$16,900	4	\$500	
Terminal Devices				<u> </u>		*	
Air Handler	40%	2	2024	\$61,000	1	\$2,600	
Convector/Radiator	60%	2	2027	\$34,800	1	\$2,100	
Air Conditioning						·	
Energy Source							
Electricity	100%	2	2037	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	100%	2	2024	\$92,100	1	\$5,000	
compiremmer	R-22 Refrigerant, Exte Location: 2 Units. I	0 00	cted :	100%			
Terminal Devices Air Handler/Cool/Ht	100%		2024	\$121,600	1	\$6,600	

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.

Asset #: 13255

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
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	100%	0-2	\$21,900	2039	* *	2	\$6,000	
	Other Obs	ervation, E	Extent : Light, Area	Affected	! : 100%			
	Location	: Roof						
	Explanat	ion : 2 Ext	ended Life Time U	nits				
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,000	
Exhaust Fans								
Interior	100%			2024	\$38,600	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater								
Gas Fired	100%			2024	\$6,600	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators	40051							
Hydraulic	100%	_		LIFE	**			
			Extent : Light, Area	Affected	! : 100%			
			nt To 1st Floor					
	Explanat	ion : I Ne	w Installed Unit					

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : MACON BRANCH LIBRARY
Address : 361 LEWIS AVE. @ MACON ST.

Borough : BROOKLYN Agency's Number : 47

Area Sq Ft : 12,960 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 23-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,mez

Block : 1665 Lot : 1 BIN : 3046408

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$212,000	\$69,900
Mechanical		\$296,200
Total	\$212,000	\$366,200
Importance Code A	\$212,000	\$69,900
Importance Code B		\$296,200
Total	\$212,000	\$366,200

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$69,700		\$400	\$17,100
Interior Architecture	\$3,600	\$1,000	\$6,800	\$600
Electrical	\$500	\$400	\$2,000	\$600
Mechanical	\$11,600	\$1,800	\$9,900	\$2,000
Site Enclosure				
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$89,400	\$7,100	\$23,100	\$24,200
Importance Code A	\$70,300	\$600	\$1,000	\$17,700
Importance Code B	\$19,100	\$5,900	\$22,100	\$6,500
Importance Code C		\$600		
Total	\$89,400	\$7,100	\$23,100	\$24,200



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.

Asset #: 13256

Architecture	Current Repair		Future Replacement		Maintenance		
ystem Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior							
Exterior Walls				_			
Masonry: Brick	85% Now Spalling, Extent: Light, Ar Location: Throughout Worn/Eroded, Extent: Mod Location: Throughout	derate, Area Affected		5	\$10,600		
Masonry: Limestone	15% Now Cracking/Crumbling, Exter Location: South Facade Staining/Discoloring, Exter Location: Cornice		-	5	\$1,400		
Windows							
Wood	100%	2045	* *	5	\$34,100		
Parapets Cast Stone/Terra Cotta	5% 4+ Cracking/Crumbling, Exter	\$1,300 LIFE nt : Light, Area Affect	* * ed : 5%	5	\$1,500		
Masonry: Brick	45% Now Cracking/Crumbling, Exter Location: Throughout Spalling, Extent: Moderate Location: Throughout Worn/Eroded, Extent: Moderate	e, Area Affected : 20%	6	5	\$1,700		
	Location : Throughout						
Masonry: Limestone	45% Now Staining/Discoloring, Exter Location: Throughout Worn/Eroded, Extent: Lig. Location: Throughout			5	\$2,200		
Metal Panel	5%	2039	* *	5	\$700		
Roof							
Metal Panel	5%	2042	* *	10	\$1,700		
Modified Bitumen	25%	2029	\$69,900	10	\$4,800		
Slate	70% Now Broken/Missing Elements, Location: East Side Of R Cracking/Crumbling, Exter Location: East Side Of R	loof nt : Moderate, Area A loof	ffected : 5%				
	Water Penetration, Extent Location: Various Locat		ected : 15%				

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.

Asset #: 13256

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Soffits							
Cast in Place Concrete	30% 2-4	. ,	LIFE	* *	5	\$900	
	Exposed Reinforceme			fected : 15%			
	Location: Under St	air Landing Macon	Street				
Masonry: Limestone	70% 4+	\$5,000	LIFE	* *	5	\$300	
	Water Penetration, E.	xtent : Light, Area A	lffected	: 25%			
	Location: Entrance	?					
nterior							
Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$1,800	
Ceramic Tile	5%		2038	* *	5	\$800	
Panel/Paver: Cer/Brk	5%		2037	* *	5	\$1,900	
Sheet Vinyl/Rubber	55%		2034	* *	5	\$13,600	
Vinyl Tile	30%		2034	* *	3	\$2,500	
Interior Walls							
Ceramic Tile	5%		2038	* *	5	\$1,100	
Gypsum Board	30%		LIFE	* *	5	\$4,000	
Plaster	50%		LIFE	* *	5	\$3,300	
	Staining/Discoloring,		Area Aj	ffected : 15%			
	Location: Stairway	, Heritage Center					
Wood	15%		LIFE	* *	5	\$13,400	
Ceilings						•	
AcousTileSusp.Lay-In	25%		2042	* *	5	\$4,100	
Gypsum Board	10%		LIFE	* *	5	\$2,100	
Plaster	65%		LIFE	* *	5	\$6,700	
Site Enclosure							
Fence/Gates							
Iron Picket	100%		2064	* *			
Retaining Walls							
Cast in Place Concrete	100% 4+		2049	* *			
	Cracking/Crumbling, Location: Rear Of		ea Affec	ted : 2%			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2042	* *			
On-Site Walkways							
On-Sile warkways							

Electrical	Current l	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

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.

Asset #: 13256

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Air Circuit Breaker	100%		2049	* *	5	\$100	
	Other Observation,		Affected	: 100%			
	Location : Electric		_	~ .			
	Explanation: One	800 Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard	1000/		• • • •	* *	_	0400	
Air Circuit Breaker	100%		2049	* *	5	\$100	
Raceway	1000/		20.40	* *	1		
Conduit	100%		2049	* *	1		
Panelboards	70/		2045	* *	-		
Fused Disc Sw	5%		2045	* *	5	#200	
Molded Case Bkrs	95%		2045	* *	5	\$300	
Wiring	1000/		• • • •	* *			
Thermoplastic	100%		2049	* *	1		
Motor Controllers	1000/		20.42		_	0100	
Locally Mounted	100%		2042	* *	5	\$100	
Ground							
Grounding Devices	1000/			* *	_	#200	
Generic	100%		LIFE	* *	5	\$200	
Lighting							
Interior Lighting	250/		2027	* *	1.0	#2 000	
Fluorescent	25%	F I: I . A	2037		10	\$3,000	
	Other Observation,		Ајјестеа	: 100%			
	Location: Through						
	Explanation: T-8	Lamps					
Fluorescent	5%		2037	* *	10	\$600	
	Compact Fluorescer	-	ht, Area	Affected: 100%			
	Location : Hallway	y Basement					
LED	70%		2037	* *			
Egress Lighting							
Emergency, Battery	50%		2034	* *	10	\$1,600	
Exit, LED	50%		2057	* *	1		
Exterior Lighting							
HID	100%		2034	* *	10		
Alarm							
Security System							
No Component	70%						
Generic	30%		2034	* *	1	\$1,500	
Fire/Smoke Detection							
No Component	70%						
Generic, Digital	30%		2034	* *	1-3	\$2,500	

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

Heating

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.

Asset #: 13256

Mechanical	Current Repair Future Replacement Maintenance					aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Furnace	40%		2029	\$12,400	1	\$2,600	
		rvation, Extent : Light, Area	Affectea	! : 100%			
	Location :	-					
		on: 1 Rooftop Unit					
Hot Water Boiler	60%		2034	* *	1	\$3,800	
		rvation, Extent : Light, Area	Affectea	! : 100%			
		Basement Boiler Room					
	Explanatio	on : 2 Gas Fired Modular H	ot Water	Boilers			
Distribution				a. •	_	*	
Hot Wtr Piping/Pump	60%		2037	* *	4	\$400	
No Component	40%						
Terminal Devices						*	
Convector/Radiator	40%		2042	* *	1	\$1,700	
No Component	60%						
Air Conditioning							
Energy Source	1000/		2045	* *			
Electricity	100%		2045	* *	1		
Conversion Equipment	500/	0.2 0.4.100	2020	ФО 2 200	2	Ф200	
Ext Pkg Unit -	50%	0-2 \$4,100	2029	\$82,300	2	\$300	
Heating/Cooling	Not in Sami	ce, Extent : Moderate, Area	Affactad	. 10%			
	Location:		Ајјестеи	. 10/0			
		rtooj erant, Extent : Light, Area A	Iffactad :	100%			
	Location:		ујестеи .				
Split Unit	50%		2029	\$140,400			
		erant, Extent : Light, Area A	Iffected :	100%			
	Location :	4 Units, Basement					
Terminal Devices							_
Air Handler/Dir	50%		2029	\$73,500	1		
Expansion							
No Component	50%						
Heat Rejection					_	.	
Air Cooled Condenser	50%		2029	\$13,300	2	\$4,500	
Unit	/						
No Component	50%						
Ventilation							
Distribution	1000/	0.0	LIPP	ىك ىك	2.5	Φ 7.2 00	
Ductwork/Diffusers	100%	0-2 \$6,100	LIFE	**	2-5	\$7,200	
		ning, Extent : Moderate, Are Main Floor	и Ајјесте	ea : 25%			
End and E	Location :	Mull Floor					
Exhaust Fans	500/		2020	\$22.400	2	#200	
Interior	50%		2029	\$23,400	2	\$200 \$200	
Roof	50%		2029	\$10,900	2	\$200	

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.

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.

Asset #: 13256

Mechanical	Current Re	pair Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Gas Fired	100%	2024	\$8,000	2	\$200	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2022	\$400	4	\$400	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Ext	ent : Light, Area Affected	: 100%			
	Location: Basement,	Street, 1st, Mezzanine				
	Explanation: One Un	it				

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : MAPLETON BRANCH LIBRARY
Address : 1702 60TH ST. @17TH AVENUE

Borough : BROOKLYN Agency's Number : 49

Area Sq Ft : 19,821 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 20-Sep-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5518 Lot : 4 BIN : 3132091

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$533,000	
Interior Architecture		\$79,800
Mechanical		\$828,500
Total	\$533,000	\$908,300
Importance Code A	\$533,000	
Importance Code B		\$908,300
Total	\$533,000	\$908,300

Total	\$142,600	\$9.200	\$29,200	\$281,700
Importance Code C	\$2,600	\$300		
Importance Code B	\$108,200	\$8,000	\$28,200	\$280,700
Importance Code A	\$31,800	\$1,000	\$1,000	\$1,000
Total	\$142,600	\$9,200	\$29,200	\$281,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Site Pavements	\$4,300			
Site Enclosure	\$2,600			
Mechanical	\$1,400	\$2,400	\$3,000	\$2,600
Electrical	\$1,900	\$1,600	\$22,300	\$2,000
Interior Architecture	\$97,600	\$1,400		\$273,100
Exterior Architecture	\$30,900			
EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025



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.

Asset #: 13257

Current Repair	Future Replacement	M	aintenance	
% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
00% Now \$70,000		5	\$21.400	
		3	\$21,400	
Location : Bulkhead Stair	33			
	rate, Area Affected : 10%			
_	CC . 1 50/			
	ffected: 5%			
Misaligned/Bulging, Extent : Moderate	**			
	•			
Location : Bulkhead				
10%	LIFE **	5	\$1,800	
	**			
	2037	5	\$3,400	
_	rea Аffectea : 15%			
	ea Affected : 15%			
Location: Throughout				
10%	2038 **	10	\$2,400	
	LIFE **	5	\$3,900	
_				
	си пусски . 100/0			
_	To Keep Rain Water Out			
10% Now \$29,100	LIFE **	5	\$500	
Joint Mortar Miss/Erod, Extent : Mode Location : Coping At Chimney	rate, Area Affected : 10%			
	ea Affected : 30%			
Location: Throughout	100 1 10007			
	ea Affected : 100%			
-	en Rain Water Out			
	90% Now \$70,000 Diagonal Cracks, Extent: Moderate, A Location: Bulkhead Stair Joint Mortar Miss/Erod, Extent: Moderate Location: Throughout Loose Units, Extent: Moderate, Area A Location: Bulkhead Stair Misaligned/Bulging, Extent: Moderate Location: Bulkhead Stair And Chimm Water Penetration, Extent: Light, Area Location: Bulkhead 10% Joint Mortar Miss/Erod, Extent: Light, Location: Main Entrance And Windo 90% Condensation Present, Extent: Light, Area Location: Throughout Deteriorated Finish, Extent: Light, Area Location: Throughout 10% 90% Now \$144,600 Water Penetration, Extent: Severe, Area Location: Various Locations Through Other Observation, Extent: Severe, Area Location: Throughout Explanation: Covered In Black Tarp 10% Now \$29,100 Joint Mortar Miss/Erod, Extent: Mode Location: Throughout Cother Observation, Extent: Severe, Area Location: Throughout Cother Observation, Extent: Severe, Area Location: Throughout Cother Observation, Extent: Severe, Area Location: Throughout Other Observation, Extent: Severe, Area Location: Throughout	90% Now \$70,000 LIFE ** Diagonal Cracks, Extent: Moderate, Area Affected: 10% Location: Bulkhead Stair Joint Mortar Miss/Erod, Extent: Moderate, Area Affected: 5% Location: Bulkhead Stair Misaligned/Bulging, Extent: Moderate, Area Affected: 5% Location: Bulkhead Stair And Chimney Water Penetration, Extent: Light, Area Affected: 5% Location: Bulkhead 10% LIFE ** Joint Mortar Miss/Erod, Extent: Light, Area Affected: 5% Location: Bulkhead Stair And Chimney Water Penetration, Extent: Light, Area Affected: 10% Location: Bulkhead 10% LIFE ** Joint Mortar Miss/Erod, Extent: Light, Area Affected: 5% Location: Main Entrance And Window Sills 90% 2037 ** Condensation Present, Extent: Light, Area Affected: 15% Location: Throughout Deteriorated Finish, Extent: Light, Area Affected: 15% Location: Throughout 10% 2038 ** 90% Now \$144,600 LIFE ** Water Penetration, Extent: Severe, Area Affected: 100% Location: Various Locations Throughout Other Observation, Extent: Severe, Area Affected: 100% Location: Throughout Explanation: Covered In Black Tarp To Keep Rain Water Out 10% Now \$29,100 LIFE ** Joint Mortar Miss/Erod, Extent: Moderate, Area Affected: 10% Location: Coping At Chimney Water Penetration, Extent: Severe, Area Affected: 30% Location: Throughout Other Observation, Extent: Severe, Area Affected: 30% Location: Throughout Other Observation, Extent: Severe, Area Affected: 30% Location: Throughout Other Observation, Extent: Severe, Area Affected: 30% Location: Throughout Other Observation, Extent: Severe, Area Affected: 100%	90% Now \$70,000 LIFE ** 5 Diagonal Cracks, Extent: Moderate, Area Affected: 10% Location: Bulkhead Stair Joint Mortar Miss/Erod, Extent: Moderate, Area Affected: 5% Location: Bulkhead Stair Joint Mortar Miss/Erod, Extent: Moderate, Area Affected: 5% Location: Bulkhead Stair Misaligned/Bulging, Extent: Moderate, Area Affected: 5% Location: Bulkhead Stair Misaligned/Bulging, Extent: Moderate, Area Affected: 5% Location: Bulkhead Stair And Chimney Water Penetration, Extent: Light, Area Affected: 10% Location: Main Entrance And Window Sills 90% 2037 ** 5 Condensation Present, Extent: Light, Area Affected: 15% Location: Throughout Deteriorated Finish, Extent: Light, Area Affected: 15% Location: Throughout 90% Now \$144,600 LIFE ** 5 Water Penetration, Extent: Severe, Area Affected: 40% Location: Various Locations Throughout Other Observation, Extent: Severe, Area Affected: 100% Location: Throughout Explanation: Covered In Black Tarp To Keep Rain Water Out 10% Now \$29,100 LIFE ** 5 Joint Mortar Miss/Erod, Extent: Moderate, Area Affected: 10% Location: Coping At Chimney Water Penetration, Extent: Severe, Area Affected: 30% Location: Throughout Other Observation, Extent: Severe, Area Affected: 30% Location: Throughout Other Observation, Extent: Severe, Area Affected: 30% Location: Throughout Other Observation, Extent: Severe, Area Affected: 100% Location: Throughout Other Observation, Extent: Severe, Area Affected: 100% Location: Throughout Other Observation, Extent: Severe, Area Affected: 100% Location: Throughout Other Observation, Extent: Severe, Area Affected: 100% Location: Throughout Other Observation, Extent: Severe, Area Affected: 100% Location: Throughout	So of Fail Date Estimated Cost Year Estimated Cost Cycle (Yrs)

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.

Asset #: 13257

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)		
Exterior								<u> </u>
Roof								
Modified Bitumen	100%	Now	\$318,500	2039	* *			
1110 01110 0 2100111011			derate, Area Affect		I			
		: Through						
		_	tent : Moderate, A	ea Affec	ted : 25%			
	_	: Through		33				
		_	ht, Area Affected :	10%				
	_	: Through						
		_	xtent : Moderate, 2	1rea Affe	ected : 5%			
			ir Adjacent To Ele					
Soffits		-						
Metal Panel	100%			2049	* *	5-10		
nterior								
Floors								
Carpet	55%	4+	\$79,100	2025	\$263,600	3	\$28,600	
	_	_	Extent : Moderate	, Area A	ffected : 25%			
		: Through						
			: Moderate, Area	Affected	: 20%			
	Location	: 2nd Floo	or					
Cast in Place Concrete	15%			LIFE	* *	5	\$11,400	
Ceramic Tile	2%			2032	* *	5	\$700	
Terrazzo	2%			LIFE	* *	5	\$500	
Vinyl Tile	25%			2029	\$79,800	3	\$3,200	
Wood	1%			2057	* *	5	\$700	
Interior Walls								
Ceramic Tile	3%			2038	* *	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	* *			
Plaster	15%			LIFE	* *	5	\$900	
Ceilings								
AcousTileSusp.Lay-In	90%			2042	* *	5	\$31,200	
Exposed Concrete	7%			LIFE	* *	5	\$400	
Gypsum Board	3%	Now	\$2,300	LIFE	* *	5	\$1,300	
			xtent : Moderate, 2	1rea Affe	cted : 10%			
	Location	: Stairway	,					
ite Enclosure								
Fence/Gates	1000/	4.	#2 (00	2064	* *			
Iron Picket	100%	4+ /Domation = F	\$2,600	2064				
			xtent : Light, Area	Ajjected	. 10%			
		: Through		4 47	Y4-1. 100/			
			Extent : Moderate,	Area Afj	iectea : 10%			
	ьосаноп	: Through	ош					

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.

Asset #: 13257

Architecture		Current Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure							
Free Standing Walls							
Masonry: Brick	90%		2049	* *			
		tar Miss/Erod, Extent : Light, : Throughout	Area Aff	ected : 5%			
Masonry: Fieldstone	10%		2049	* *			
·		tar Miss/Erod, Extent : Light, : Throughout	Area Aff	ected : 5%			
Retaining Walls							
Cast in Place Concrete	100%		2064	* *			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%	4+ \$4,300	2042	* *			
	Cracking/	Crumbling, Extent : Moderat	e, Area A	ffected : 5%			
	Location	: Throughout					
On-Site Walkways							
Cast in Place Concrete	100%		2046	* *			
Parking/Driveway							
Asphalt	100%		2038	* *			

ectrical	Current Repair	Future	Replacement	M	aintenance	
stem Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2029	\$1,600	5	\$100	
	Other Observation, Extent : Lig	ght, Area Affected :	100%			
	Location : Electrical Room					
	Explanation: One 800 Ampe	res Main Disconne	ct Switch			
Switchgear / Switchboard						
Fused Disc Sw	40%	2029	\$14,000	5		
Molded Case Bkrs	60%	2029	\$21,000	5	\$300	
Raceway						
Conduit	70%	2029	\$23,800	1		
Conduit	30%	2049	* *	1		
Panelboards						
Fused Disc Sw	5%	2028	\$800	5		
Molded Case Bkrs	30%	2028	\$4,900	5	\$200	
Molded Case Bkrs	65%	2045	* *	5	\$300	
Wiring						
Thermoplastic	30%	2029	\$9,000	1		
Thermoplastic	70%	2049	* *	1		
Motor Controllers						
Locally Mounted	100%	2027	\$32,700	5	\$100	

Ground

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.

Asset #: 13257

Electrical	Current Repai	r Futui	e Replacement	Maintenance		
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
Lighting						
Interior Lighting						
Fluorescent	80%	2034	* *	10	\$14,500	
	Other Observation, Extent Location : Throughout To Explanation : T-8 Lamps	0	! : 100%			
Fluorescent	5%	2034	* *	10	\$900	
	Compact Fluorescent Ligh Location: 1st And 2nd F	-	Affected: 100%			
Fluorescent	15%	2034	* *	10	\$2,700	
	T-5 Lamps And Fixtures, E Location : 1st And 2nd F	0 00	fected : 100%			
Egress Lighting						
Emergency, Battery	50%	2034	* *	10	\$2,400	
Exit, LED	45%	2057	* *	1		
Exit, Service	5%	2034	* *	1		
Exterior Lighting						
HID	100%	2034	* *	10	\$100	
Alarm						
Security System						
No Component	50%					
Generic	50%	2034	* *	1	\$3,700	
Fire/Smoke Detection Generic, Digital	100%	2034	* *	1-3	\$12,600	

V lechanical	Current Repair	Future I	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating						
Energy Source Natural Gas	100%	2039	* *	1		
Conversion Equipment						
Furnace	50%	2029	\$23,700	1	\$4,900	
	Other Observation, Extent: Light, An Location: Penthouse Explanation: 2 Units	rea Affected : .	50%			
Hot Water Boiler	50%	2034	* *	1	\$4,900	
	Other Observation, Extent : Light, Ai	rea Affected : .	50%			
	Location: Basement Boiler Room					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	50%	2037	* *	4	\$500	
No Component	50%					

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.

Asset #: 13257

Mechanical	Current Repair	Future	Future Replacement		aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	•					
Terminal Devices						
Convector/Radiator	50%	2042	* *	1	\$3,200	
No Component	50%					
Air Conditioning						
Energy Source						
Electricity	100%	2037	* *	1		
Conversion Equipment						
Interior Pkg Unit - Cooling	80%	2027	\$601,600	2	\$1,000	
coomig	R-22 Refrigerant, Extent : Light		80%			
	Location: 2 Units In Penthou	se				
Split Unit	20%	2029	\$85,900			
-	R-22 Refrigerant, Extent : Light	t, Area Affected : .	20%			
	Location: 3 Units, Various Lo	ocations In 1st Flo	oor			
Terminal Devices						
Fan Coil - 2 Pipe	20%	2029	\$76,500	1	\$1,300	
No Component	80%					
Heat Rejection						
Dry Cooler	20%	2029	\$21,900	2	\$2,800	
No Component	80%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$11,100	
Exhaust Fans						
Interior	90%	2029	\$64,400	2	\$500	
Roof	10%	2029	\$3,300	2	\$100	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2039	* *	1		
Water Heater						
Gas Fired	100%	2027	\$12,300	2	\$300	
Sanitary Piping	1000/		di di			
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	1000/		بلد رائ			
Cast Iron	100%	LIFE	* *	1		
Fixtures	1000/					
Generic	100%					
Vertical Transport Elevators						
Hydraulic	100%	LIFE	* *			
•	Other Observation, Extent : Lig		: 100%			
	Location: Basement To 2nd F	Floor				
	Explanation: 1 Unit					

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.

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BROOKLYN PUBLIC LIBRARY - FY 2021 Print Date: 08-Sep-2020

Asset Name : MARCY BRANCH LIBRARY

: 617 DEKALB AVE. @NOSTRAND AVE. Address

Borough : BROOKLYN Agency's Number : 59

Program / Asset # : BPL0M59.000 / 13258 Yr Built/Renovated : 1968 / 2002

Area Sq Ft : 7,500 **Project Type** : BROOKLYN PUBLIC LIBRARY

Date of Survey : 30-May-2019 **Landmark Status** : NONE

Areas Surveyed : Roof, Floors 1

Importance Code C

Total

Block : 1774 Lot : 81 BIN : 3049472

\$35,600

\$76,300

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$135,300	
Electrical		\$35,000
Mechanical		\$187,300
Total	\$135,300	\$222,300
Importance Code A	\$135,300	\$35,200
Importance Code B		\$187,100
Total	\$135,300	\$222,300

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$12,000	\$200		\$900
Interior Architecture	\$20,000	\$4,200	\$500	\$6,300
Electrical	\$16,800	\$500	\$500	\$1,700
Mechanical	\$1,300	\$700	\$1,700	\$700
Site Enclosure	\$12,000			
Site Pavements	\$14,200			
Total	\$76,300	\$5,600	\$2,800	\$9,600
Importance Code A	\$12,300	\$500	\$300	\$1,300
Importance Code B	\$28,400	\$5,100	\$2,300	\$8,300

\$5,600

\$100

\$9,600

\$2,800



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.

Asset #: 13258

Architecture		Current F	Repair	Futur	e Replacement	M	laintenance	
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	Exposed For Location Spalling, I	a : North Fa	derate, Area Affec		* * a Affected : 5%	5	\$8,300	
Masonry: Brick	Broken/M Location Diagonal Location Horizonta	n : South Fa Cracks, Ext n : Southeas	tent : Moderate, Ai it Corner xtent : Moderate, A	rea Affec	ted : 15%	5	\$14,000	
Metal Panel	3%			2050	* *	5-10	\$3,400	
Granite Panels			\$1,900 Extent : Moderate cade	LIFE e, Area A	* * ffected : 10%	5	\$200	
Windows								
Aluminum	75%			2038	* *	5	\$500	
Aluminum	Location	servation, E 1 : South Fa tion : Stain		2046 Affected	**!: 100%	5	\$200	
Roof								
Modified Bitumen	Blisters, E		\$89,400 lerate, Area Affect Locations Through		* *			
Soffits	1000/			LIPP	* *	_		
Exposed Struc: Steel	100%			LIFE	* *	5		
Interior								
Floors Cost in Place Comprete	50/			LIEE	* *	5	¢1 100	
Cast in Place Concrete	5%			LIFE	* *	5	\$1,100	
Ceramic Tile	5%			2039	* *	5	\$500	
Sheet Vinyl/Rubber	80%			2035		5	\$12,500	
Vinyl Tile	10%			2030	\$9,600	3	\$400	
Interior Walls Ceramic Tile	3%			2020	* *	5	\$300	
			¢20,000	2039 LIFE	* *	5 5		
Concrete Masonry Unit	Horizonta Location Vertical C	l Cracks, E. ı : I T Close	nt : Moderate, Are	Area Affe	cted : 15%	S	\$3,300	
Gypsum Board	5%			LIFE	* *	5	\$300	
Sypsum Doute	3/0			ыны			Ψ300	

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.

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BROOKLYN PUBLIC LIBRARY - 038 MARCY BRANCH LIBRARY

Asset #: 13258

Architecture		Current	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	80%			2043	* *	5	\$8,300	
Exposed Concrete	5%			LIFE	* *	5	\$100	
Gypsum Board	15%			LIFE	* *	5	\$2,000	
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	\$1,400	2040	* *			
	Broken/Missing Elements, Extent: Moderate, Area Affected: 20%							
	Location	i : West Pro	operty Line					
	Impact Do	amage, Exte	ent : Moderate, Are	a Affecte	ed : 10%			
	Location	ı : West Pro	operty Line					
Iron Picket	50%			2065	* *			
Retaining Walls								
Masonry: Brick	100%	Now	\$10,600	2040	* *			
,	Misaligned/Bulging, Extent : Moderate, Area Affected : 50%							
	_	ı : East Par		-				
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location: East Parking Lot							
			Growing Adjacent	To Retai	ning Wall Causin	g It To Bı	ılge	
Site Pavements			<u> </u>			-		
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	100%	Now	\$14,200	2033	* *			
1	Cracking/Crumbling, Extent: Moderate, Area Affected: 50%							
	Location: East Parking Lot							
	Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
	Location: East Parking Lot							
			oderate, Area Affec	ted : 10%	6			
		ı : East Par						

lectrical	Current Repair	Future R	eplacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated C Total (Years)	ost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2030	\$1,600	5	\$200	
	Other Observation, Extent: Moder	ate, Area Affecte	d: 100%			
	Location : Electrical Room					
	Explanation: One 400 Amperes I	Main Disconnect	Switch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2030	\$35,000	5	\$200	
Raceway						
Conduit	100%	2030	\$34,000	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.

Asset #: 13258

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								
Molded Case Bkrs	100%			2046	* *	5	\$200	
Wiring								
Braided Cloth	50%	2-4	\$15,000	2055	**	1		
			ent : Moderate, Are	a Affecte	ed : 100%			
		: Through	out The Building					
Thermoplastic	30%			2030	\$9,000	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	\$16,400	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
Lighting								
Interior Lighting								
LED	100%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	\$900	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
LED	100%			2038	**			
			Extent : Light, Area					
		_	Exterior Front And	a Siae W	alls			
	Explanat	ion : LED	Wallpak Fixtures					
Alarm								
Security System	70%							
No Component Generic				2020	* *	1	\$800	
	30%			2038		1	\$800	
Fire/Smoke Detection	100%	Now	\$1,700	2038	* *	1-3	\$4.200	
Generic, Digital			\$1,700 Extent : Moderate, A			1-3	\$4,200	
			xient : Moderaie, A out The Building	теи Ајје	жией . 370			
		. 1nrougn ion : Troul	-					
	Expianat	ion : Trout	ne Ligni					

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

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.

Asset #: 13258

Mechanical	Current Repair	Future Replacement	N	Maintenance				
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority			
Heating								
Conversion Equipment	200/	2020 #2.60	0 1	\$700				
Furnace	20%	2030 \$3,60	0 1	\$700				
	Other Observation, Extent : Light, Location : First Floor Mechanica							
	Explanation: Duct Mounted Gas							
Hot Water Boiler	60%		0 1	\$2.200				
Hot water Boller	60% 2028 \$35,200 1 \$2,200 Corroded, Extent: Moderate, Area Affected: 100%							
	Location: First Floor Mechanica		roding.					
	Other Observation, Extent : Moder	•						
	Location : First Floor Mechanica	**						
	Explanation: 1 Gas Fired Hot W							
No Component	20%							
Distribution								
Hot Wtr Piping/Pump	100%	2046 *	* 4	\$600				
1 5 1	Recent Replace Evident, Extent : L	ight, Area Affected : 100%						
	Location: 2 Circulating Pumps I	n First Floor Mechanical Roo	m					
Terminal Devices								
Air Handler	40%	2030 \$34,20		\$1,900				
Convector/Radiator	60%	2035 *	* 1	\$1,500				
Air Conditioning								
Energy Source	1000/	2020 *	. 1					
Electricity	100%	2038 *	* 1					
Conversion Equipment	200/	2020 005.40	0 2	¢100				
Interior Pkg Unit -	30%	2028 \$85,40	0 2	\$100				
Cooling	Other Observation Extent : Light	Area Affected : 100%						
	Other Observation, Extent : Light, Area Affected : 100% Location : First Floor Mechanical Room							
	Explanation: With Duct Mounted							
Ext Pkg Unit -	70%	2030 \$66,70	0 2	\$300				
Heating/Cooling	7070	2030 \$00,70	0 2	Ψ300				
man seems	Other Observation, Extent : Light,	Area Affected : 100%						
	Location : Roof							
	Explanation: R-134a Refrigeran	t With Gas Heat						
Heat Rejection								
Dry Cooler	30%	2030 \$12,40	0 2	\$1,600				
No Component	70%							
Ventilation								
Distribution 1/D:cc	1000/	1155 *	* 2.5	#4.30 0				
Ductwork/Diffusers	100%	LIFE *	* 2-5	\$4,200				
Exhaust Fans	1000/	2020 \$12.60	0 2	\$200				
Roof	100%	2030 \$12,60	0 2	\$200				
Plumbing H/C Water Piping								
Brass/Copper	100%	2040 *	* 1					
Diassi Coppei	10070	2010	1					

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.

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BROOKLYN PUBLIC LIBRARY - 038 MARCY BRANCH LIBRARY

Asset #: 13258

echanical	Current Repair	Future Repla	Future Replacement		Maintenance	
vstem Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
ımbing						
Water Heater						
Electric	100%	2028	\$6,700	4		
	Other Observation, Extent: Lig	ght, Area Affected : 100%	6			
	Location : First Floor Mecha	nical Room				
	Explanation: 40 Gallons					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
Generic	100%	2035	* *	1	\$500	
Fixtures						
Generic	100%					

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : MIDWOOD BRANCH LIBRARY Address : 975 EAST 16TH ST. @AVENUE J

Borough : BROOKLYN Agency's Number : 48

Area Sq Ft : 12,218 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 03-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 6709 Lot : 54 BIN : 3179706

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$124,800	
Electrical	\$1,300	\$137,100
Mechanical		\$282,900
Total	\$126,100	\$420,000
Importance Code A	\$124,800	
Importance Code B	\$1,300	\$420,000
Total	\$126,100	\$420,000

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$28,900		\$1,100	
Interior Architecture	\$29,700	\$1,300		\$2,300
Electrical	\$900	\$1,000	\$11,800	\$1,000
Mechanical	\$7,100	\$1,800	\$10,300	\$2,300
Site Pavements	\$2,100			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$72,700	\$8,100	\$27,100	\$9,500
Importance Code A	\$29,500	\$600	\$1,700	\$600
Importance Code B	\$40,100	\$6,800	\$25,400	\$8,900
Importance Code C	\$3,100	\$700		
Total	\$72,700	\$8,100	\$27,100	\$9,500



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.

Asset #: 13259

chitecture	Current Repair Future Replacement Maintenance				aintenance			
tem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	\$200	
Masonry: Brick	85%			LIFE	* *	5	\$16,300	
		racks, Exte : Pilaster	nt : Light, Area A <u>f</u>	fected : I	1%			
Masonry: Fieldstone	10%			LIFE	* *	• 5	\$1,400	
Window Wall	3%			2049	* *		\$2,200	
	_	louded, Ext	ent : Moderate, Ar out	ea Affec	ted : 75%			
Windows								
Aluminum	Hardware Location Water Pen	: Through etration, E	xtent : Light, Area	Affected	: 10%	3	\$1,500	
	Location	: Around	Windows In Stairce	ase, Vari	ous Locations Th	roughout		
Parapets /T	4001						da 000	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$3,000	
Concrete Masonry Unit	45%			LIFE	* *	5	\$2,000	
Masonry: Brick	45%			LIFE	* *	5	\$1,800	
Roof	1.50/			2022	م ماد	. 10	4.700	
Asphalt Shingle	15%		***	2032	* *	10	\$500	
Modified Bitumen	80%		\$124,800	2034	**	•		
			Moderate, Area A	јјестеа :	10%			
		: Through		1 50/				
			lerate, Area Affect	ea : 5%				
		: Through		4	CC . 1 50/			
	Location	: Back Of	-		-			
		Extent : Mo : Back Of	derate, Area Affec Building	ted : 10%	6			
		etration, E : Through	xtent : Moderate, 2 out	Area Affe	cted : 5%			
	Other Obs	ervation, E	xtent : Moderate, .	Area Affe	ected : 25%			
	Location	: Lower R	oof					
	Explanat	ion : Prote	ction Board Added	d Due To	Construction Ne.	xt Door.		
Skylight, Metal/Glass	5%			2049	* *	10	\$3,500	
Soffits								
Stucco Cement		Now	\$1,200	2042	* *	5	\$900	
	_	Crumbling, : Through	Extent : Moderate out	e, Area Ą	ffected : 5%			
		ing, Extent : Through	: Moderate, Area out	Affected	: 5%			
	Staining/D		Extent : Moderate	e, Area Ą	ffected : 5%			
		_	oui xtent : Moderate, 2	Area Affa	cted · 5%			
		: Through		пси лује	C.C 3/0			

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.

Asset #: 13259

Architecture	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Floors					_		
Cast in Place Concrete	5%		LIFE	* *	5	\$2,500	
Ceramic Tile	5%	444	2038	* *	5	\$1,100	
Terrazzo	10% Now Cracking/Crumbling, Location : At Stairs	\$11,300 Extent : Light, Are	LIFE ea Affecto	* * ed : 10%	5	\$1,800	
Vinyl Tile	80% Now Cracking/Crumbling, Location: First And		-	-	3	\$6,800	
Interior Walls							
Ceramic Tile	5%		2038	* *	5	\$1,400	
Concrete Masonry Unit	80%		LIFE	* *	5	\$9,100	
Gypsum Board	15% Now Paint Peeling, Extent Location: Through Water Penetration, E.	out, At Windows			5	\$2,600	
	Location: Through		17 00 11990	cica . 576			
Ceilings	Zotamon i im ough	300, 110 // 11000 // 5					
AcousTileSusp.Lay-In	80% 0-2 Staining/Discoloring, Location: Through Water Penetration, E.	out	-		5	\$9,000	
	Location : Through		11 ca 1155 c	cica . 370			
Gypsum Board	10% Now Cracking/Crumbling, Location: Through Water Penetration, E. Location: Through	out, At Windows xtent : Moderate, A	·	-	5	\$2,800	
Dlankan		oui, mi muons	TIEE	* *		¢1 400	
Plaster	10%		LIFE		5	\$1,400	
Site Enclosure Fence/Gates							
Iron Picket	100%		2064	* *			
	10070		2004				
Free Standing Walls Masonry: Brick	100%		2049	* *			
	10070		2049				
Retaining Walls Masonry: Brick	100%		2049	* *			
Site Pavements Public Sidewalk Cast in Place Concrete	100%		2042	* *			
On-Site Walkways Cast in Place Concrete	75% Now Sinking/Subsiding, Ex Location: Side Enti		2042 Irea Affed	* * cted : 5%			
Pavers/Stone	25%		2038	* *			
1 avers/Stone	<i>LJ</i> /0		2030				

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.

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BROOKLYN PUBLIC LIBRARY - 038 MIDWOOD BRANCH LIBRARY

Asset #: 13259

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

Parking/Driveway

100% Now \$1,500 Asphalt 2038

Cracking/Crumbling, Extent: Light, Area Affected: 5%

Location: Throughout

Potholes, Extent: Moderate, Area Affected: 5%

Location : Side Lot

Sinking/Subsiding, Extent: Moderate, Area Affected: 5%

Location : Side Lot

Tripping Hazard, Extent: Moderate, Area Affected: 2%

Location: Side Lot

Maintenance							
mated Cost	Priorit						
*							
\$100							
Φ200							
\$200							
Other Observation, Extent : Light, Area Affected : 100% Location : Electrical Room							
\$300							
\$300							
¢100							
\$100 \$100							
\$100							
\$200							
\$200							
_	\$200						

Lighting

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.

Asset #: 13259

Electrical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	nte Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	96%		2034	* *	10	\$10,800	
		ı, Extent : Light, Area	Affected	: 100%			
		ghout The Building					
	Explanation: T-	8 Lamps					
Fluorescent	1%		2024	\$1,300	10	\$100	
	•	Tixtures, Extent : Ligh	t, Area Ą	ffected : 100%			
	Location : Storag	ge Room					
LED	3%		2037	* *			
	Other Observation	, Extent : Light, Area	Affected	: 100%			
	Location : Stairc	ase And 2nd Floor					
	Explanation : LE	ED Light Fixtures					
Egress Lighting							
Emergency, Battery	50%		2037	* *	10	\$1,500	
Exit, Service	50%		2037	* *	1		
Exterior Lighting							
HID	5%		2029	\$2,500	10		
LED	20%		2037	* *			
No Component	75%						
Alarm							
Security System							
No Component	70%					** ***	
Generic	30%	F	2037	**	1	\$1,400	
		, Extent : Light, Area	Affected	: 100%			
	Location : Inside				ъ.	D	
F: /G 1 P : :	Explanation : CC	CTV Surveillance Can	neras, Int	rusion Alarm Syst	em, Pani	c Doors	
Fire/Smoke Detection	100%		2029	¢127 100	1.2	¢7.500	
Generic, Analog		. Futant Light Auga		\$137,100	1-3	\$7,500	
		n, Extent : Light, Area Ighout The Building	Ајјестеа	. 10070			
		ignoui The Builaing 10ke Detectors And Al	larm Rall	'a			
	Explanation : Sh	ione Defectors And Al	arm bell	ა			

lechanical	Current Repair	Futur	e Replacement	M	aintenance	
system Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2034	* *	1	\$6,000	
	Other Observation, Extent : Light, Area	a Affected	! : 100%			
	Location: Basement Boiler Room					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2037	* *	4	\$600	

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.

Asset #: 13259

Mechanical	Mechanical Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Terminal Devices								
Air Handler	50%		2029	\$87,200	1	\$3,800		
Convector/Radiator	40%		2034	* *	1	\$1,600		
Fan Coil Unit/Heat	10%		2029	\$18,600	1	\$400		
	Other Observation, Ext	ent : Light, Area 2	Affected	! : 10%				
	Location : Basement							
	Explanation : Baseme	nt Area						
Air Conditioning								
Energy Source	1000/		2045	* *	1			
Electricity	100%		2045		1			
Conversion Equipment Reciprocating Compr/Chiller	30%		2029	\$31,600	1	\$1,700		
•	Other Observation, Ext Location : Roof	ent : Light, Area .	Affected	! : 30%				
	Explanation: 1 Unit 6	On The Higher Ro	oof					
Ext Pkg Unit - Heating/Cooling	70% Now	\$5,400	2029	\$108,700	2	\$400		
	R-22 Refrigerant, Exter Location : Roof Other Observation, Ext							
	Location : Roof	em : 218,111, 111 eu 1	1990000	. 100/0				
	Explanation: 2 Units	On Lower Roof.						
Distribution								
CW & CHW Wtr	30%		2039	* *	4	\$300		
Pipe/Pump								
No Component	70%							
Terminal Devices								
Fan Coil - 4 Pipe	30%		2029	\$87,100	1	\$1,200		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,800		
Exhaust Fans	2.50/		• • •		-			
Interior	25%		2029	\$11,000	2	\$100		
Roof	75%		2029	\$15,400	2	\$300		
Plumbing								
H/C Water Piping	1000/		2020	* *	1			
Brass/Copper	100%		2039	r *	1			
Water Heater	1000/		2024	97.600	2	¢200		
Gas Fired	100%		2024	\$7,600	2	\$200		
Sanitary Piping	1000/		LIDD	* *	1			
Cast Iron	100%		LIFE		1			
Storm Drain Piping	1000/		LIEE	* *	1			
Cast Iron	100%		LIFE		1			

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.

Asset #: 13259

Mechanical	Current Repair	Futur	e Replacement	M	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sewage Ejector(s)						
Electric	100%	2029	\$3,600	4	\$500	
	Other Observation, Extent : Light, Area	a Affected	: 100%			
	Location : Boiler Room					
	Explanation : 1 Set					
Backflow Preventer						
Generic	100%	2037	* *	1	\$800	
	Other Observation, Extent : Light, Area	a Affected	: 100%			
	Location : First Floor Work Room					
	Explanation : First Floor Work Roon	ı				
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Light, Area	a Affected	: 100%			
	Location: Basement To 2nd Floor					
	Explanation : 1 Unit					
Fire Suppression						
Sprinkler						
No Component	70%					
Generic	30%	2039	* *	1-2	\$1,000	
	Other Observation, Extent : Light, Area	a Affected	: 30%			
	Location: Basement					
	Explanation: Basement Only					

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : MILL BASIN BRANCH LIBRARY
Address : 2385 RALPH AVE. @AVENUE N

Borough : BROOKLYN Agency's Number : 68

Area Sq Ft : 7,500 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 17-Jul-2019 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 8363 Lot : 9 BIN : 3235910

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$220,800	
Total	\$220,800	
Importance Code A	\$220,800	
Total	\$220,800	

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$26,300		\$1,600	
Interior Architecture	\$3,200	\$2,500	\$1,000	\$100
Electrical	\$400	\$400	\$500	\$400
Mechanical	\$5,700	\$700	\$3,700	\$700
Total	\$35,600	\$3,500	\$6,900	\$1,100
Importance Code A	\$26,700	\$400	\$2,000	\$400
Importance Code B	\$7,700	\$3,100	\$4,900	\$600
Importance Code C	\$1,200			\$100
Total	\$35,600	\$3,500	\$6,900	\$1,100



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.

Asset #: 13260

chitecture	Current Repair	Future R	eplacement	M	aintenance	
stem Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior Exterior Walls Masonry: Brick	100% Now Diagonal Cracks, Extent : 1	\$61,800 LIFE Moderate, Area Affected	* * : 5%	5	\$18,900	
	Location : Southeast Corn Joint Mortar Miss/Erod, Ex Location : West Facade		ffected : 25%			
Windows	1000/ 37	* * * * * * * * * *	di di	_		
Aluminum	100% Now Air Infiltration, Extent: Sev Location: Throughout	-		5	\$300	
	Caulking Deteriorated, Extended Location: Throughout	ent : Moaerate, Area Aff	ectea : 30%			
Parapets						
Masonry: Brick	73%	LIFE	* *	5-10	\$18,100	
Metal Panel	5% Now	\$3,000 2051	**	5	\$400	
	Deformed/Dented, Extent: Location: Coping At North		! : 10%			
	Seams Open/Split, Extent:		: 25%			
	Location : Coping	<i>J</i>				
Metal Rail	10% Now	\$2,100 2036	* *	5	\$2,600	
	Corrosion/Rusting, Extent:		5%			
	Location: Over Second F	•	- J . 500/			
	Deteriorated Finish, Extent Location: Over Second F		ea : 50%			
Metal: Cage/Fence	10%	2044	* *	5-10	\$2,800	
Pre-Cast Concrete	2% Now	\$800 LIFE	* *	5	\$500	
	Cracking/Crumbling, Exten Location : Coping Over F	***	ted : 25%			
	Caulking Deteriorated, Extended Location: Coping Over F		ected : 25%			
Roof Modified Bitumen	100% Now	\$159,000 2041	* *			
Wodffed Bruffeli	Blisters, Extent: Moderate, Location: Throughout					
	Seams Open/Split, Extent : Location : Over Second F	***	: 25%			
Soffits	200/	2021		10		
Cement-Fiber Panel	20% Water Penetration, Extent: Location: Corner Of Buil		d : 50%	10		
Metal Panel	80%	2051	* *	5-10		
erior						
Floors	100/		ماد ماد	_	** ***	
Cast in Place Concrete	10% 15%	LIFE 2044	* *	5 5	\$2,600 \$900	
Ceramic Tile						

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.

Asset #: 13260

Architecture		Current Repair		Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated ((Years)	Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2040	* *	5	\$100	
Concrete Masonry Unit	75%			LIFE	* *	5	\$1,500	
Gypsum Board	15%			LIFE	* *	5-10	\$700	
Masonry: Brick	5%			LIFE	* *	10		
Ceilings								
AcousTileSusp.Lay-In	85%			2048	* *	5	\$5,000	
Exposed Concrete	10%			LIFE	* *	5-10	\$700	
Gypsum Board	5%	Now \$1	00	LIFE	* *	5	\$400	
	Water Pen	etration, Extent : Moder	ate, Ai	ea Affe	cted : 2%			
	Location	: Above Circulation Des	sk					
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			

Electrical	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2041	* *	5	\$200	
	Other Observation, Extent : Light,	Area Affected: 100%	ó			
	Location : Electrical Room					
	Explanation : Main Service Swit	ch Rated At 600 Ampe	eres			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2041	* *	5	\$200	
Raceway						
Conduit	100%	2041	* *	1		
Panelboards						
Fused Disc Sw	25%	2039	* *	5		
Molded Case Bkrs	75%	2039	* *	5	\$100	
Wiring						
Thermoplastic	100%	2041	* *	1		
Motor Controllers						
Locally Mounted	100%	2044	* *	5	\$100	
Ground						
Grounding Devices						
Not Accessible	100%					

Lighting

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.

Asset #: 13260

Electrical	Current Repair Fut		Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	20%	2036	**	10	\$1,400	
	T-8 Lamps And Fixtures, Extent : Light, Location : Throughout The Building	Area Aff	ected : 100%			
Fluorescent	5%	2036	* *	10	\$300	
	Compact Fluorescent Light, Extent : Lig Location : Vestibule	ght, Area	Affected : 100%			
Fluorescent	25%	2036	* *	10	\$1,700	
	T-5 Lamps And Fixtures, Extent : Light, Location : Throughout The Building	Area Affe	ected : 100%			
LED	50%	2036	* *			
Egress Lighting						
Emergency, Battery	50%	2036	* *	10	\$900	
Exit, LED	50%	2059	* *	1		
Exterior Lighting						
Fluorescent	25%	2036	* *	10	\$200	
	Compact Fluorescent Light, Extent : Lig Location : Front Entrance Other Observation, Extent : Light, Area Location : Front Entrance					
	Explanation: Operated Via Timer					
HID	25% Other Observation, Extent : Light, Area Location : Perimeter Explanation : Operated Via Timer	2036 Affected	* *	10		
No Component	50%					
Alarm Security System No Component Generic	50% 50% Other Observation, Extent : Light, Area Location : Throughout The Building Explanation : CCTV Surveillance Can			1	\$1,400	
Fire/Smoke Detection	praa.v.v CC1 , Sai remailee Cui					
No Component	50%					
Generic, Analog	50%	2036	* *	1-3	\$2,300	
, 5	Other Observation, Extent : Light, Area Location : Throughout The Building	Affected			4-7 0	
	Explanation: Manual Pull Station, Str	robe Ligh	ts And Alarm Bells	S		

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	Fail Date Estimated Cost (Years)	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.

Asset #: 13260

Mechanical	Current Repair	Future Re	eplacement	М		
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source Natural Gas	100% Now Other Observation, Extent: Location: Gas Meter Room Explanation: There Is No	n		1		
Conversion Equipment						
Furnace	100% Other Observation, Extent: Location: Roof Explanation: 2 Packaged	-	**	1	\$3,700	
Terminal Devices	· · · · · · · · · · · · · · · · · · ·					
Convector/Radiator	100% Other Observation, Extent: Location: 2nd Floor Explanation: Electric Hea			1	\$2,400	
Air Conditioning	Explanation . Liectric Hea	iers I or 2nd I toor Hatt	way ma bam	ooms		
Energy Source Electricity	100%	2047	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	80%	2036	* *	2	\$400	
	Other Observation, Extent : Location : Roof Explanation : 2 Units	Light, Area Affected : 80	9%			
Split Unit	20%	2036	* *			
Distribution Ductwork/Diffusers	100%	LIFE	* *	2	\$12,200	
Ventilation Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$6,600	
Exhaust Fans Interior	100%	2031	\$27,100	2	\$200	
Plumbing						
H/C Water Piping Brass/Copper	100%	2041	* *	1		
Water Heater Gas Fired	100%	2026	\$4,600	2	\$100	
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		
Fixtures Generic	100%					

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.

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : NEW LOTS BRANCH LIBRARY
Address : 665 NEW LOTS AVE. @BARBEY ST.

Borough : BROOKLYN Agency's Number : 52

Area Sq Ft : 23,736 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 23-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 4090 Lot : 1 BIN : 3090726

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$890,700	
Interior Architecture	\$77,800	\$284,700
Electrical	\$97,100	\$49,100
Mechanical		\$361,200
Total	\$1,065,600	\$695,000
Importance Code A	\$890,700	
Importance Code B	\$175,000	\$695,000
Total	\$1,065,600	\$695,000

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$85,900			
Interior Architecture	\$54,400			\$3,900
Electrical	\$21,900	\$1,000	\$18,800	\$800
Mechanical	\$4,500	\$2,600	\$4,600	\$3,500
Site Enclosure	\$6,600			
Site Pavements	\$300			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$177,600	\$7,500	\$27,300	\$12,100
Importance Code A	\$87,100	\$1,200	\$1,200	\$1,200
Importance Code B	\$63,700	\$6,300	\$26,100	\$11,000
Importance Code C	\$26,900			
Total	\$177,600	\$7,500	\$27,300	\$12,100



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.

Asset #: 4203

Architecture	Current Repair	Future Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
xterior					
Exterior Walls	80% Now \$233.000	LIFE **	5	\$22 800	1
Masonry: Brick	Diagonal Cracks, Extent: Moderate, Ar Location: Corners, Throughout, Arous Efflorescence, Extent: Moderate, Area L Location: Throughout Joint Mortar Miss/Erod, Extent: Severe Location: Throughout, Corners	ea Affected : 10% nd Windows Affected : 25% , Area Affected : 35%	5	\$23,800	1
	Misaligned/Bulging, Extent: Severe, Are	ea Affected : 20%			
	Location: Around Windows Rusting Masonry Supt, Extent: Moderat Location: Bulkheads, Around Window				
Granite Panels	8% Now \$54,600 Cracking/Crumbling, Extent: Moderate Location: Various Joint Mortar Miss/Erod, Extent: Severe Location: South Facade Misaligned/Bulging, Extent: Moderate,	, Area Affected : 25%	5	\$1,800	
	Location: South Facade	Area Affectea . 1070			
Slate Panels	2% Now \$33,700 Cracking/Crumbling, Extent: Severe, And Location: North Facade Spalling, Extent: Severe, Area Affected Location: North Facade		5	\$400	
Window Wall	10% 0-2 \$30,900 Water Penetration, Extent : Moderate, A Location : Stair	2049 ** Irea Affected : 15%	5	\$5,600	
Windows					
Aluminum	100% Now \$401,500 Air Infiltration, Extent: Moderate, Area Location: Throughout Deteriorated Finish, Extent: Moderate, Location: Throughout Glazing Clouded, Extent: Moderate, Ar Location: Throughout Water Penetration, Extent: Moderate, Ar Location: North Facade, South Facad Weather Strip Missing, Extent: Moderate Location: Throughout	Area Affected : 50% ea Affected : 25% (rea Affected : 20% le, Stair, Classroom	5	\$4,400	

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.

Asset #: 4203

Architecture	Current Repair	Future Replaceme	nt	Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estimated C FY	Cost Cycl (Yrs	e Estimated Cost	Priority
Exterior Parapets					
Masonry: Brick	93% Now \$13 Diagonal Cracks, Extent: Modera Location: Corners, Througho Efflorescence, Extent: Modera Location: Throughout Horizontal Cracks, Extent: Modera Location: Throughout Joint Mortar Miss/Erod, Extent Location: Throughout Water Penetration, Extent: Modera Location: North Facade, Sou	out te, Area Affected : 10% derate, Area Affected : 10% : Severe, Area Affected : 50% derate, Area Affected : 20%	** 5	\$4,400	1
Masonry: Granite	2%	LIFE	** 5	\$100	
Masonry: Limestone	5% Now \$1 Joint Mortar Miss/Erod, Extent Location: Coping Caulking Deteriorated, Extent Location: Coping		** 5	\$300	1
Roof	201	•••	** 10	4100	
Asphalt Shingle Modified Bitumen	2% 98% 0-2 \$6 Blisters, Extent: Moderate, Ard Location: Roof Over Second Ponding, Extent: Severe, Area Location: Lower Roof Along	Floor Affected : 10%	** 10 **	\$100	
Soffits	1000/ 37		ale ale -	4000	
Cast in Place Concrete	100% Now S Cracking/Crumbling, Extent: S Location: Canopy At Service Horizontal Cracks, Extent: Sev Location: Canopy At Service	Entrance vere, Area Affected : 5%	** 5	\$900	
Interior					
Floors Cast in Place Concrete	5%	LIFE	** 5	\$3,900	
Ceramic Tile	3%	2032	** 5	\$1,100	
Terrazzo		4,500 LIFE rea Affected : 5%	** 5	\$1,400	
Vinyl Tile	87% 4+ \$1 Cracking/Crumbling, Extent : I Location : First Floor	4,200 2029 \$284, Light, Area Affected : 5%	700 3	\$11,600	

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.

Asset #: 4203

Architecture		Current I	Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%		*	LIFE	* *	5	\$1,100	
Glass: Single Pane	2%	0-2	\$17,200	LIFE	**	5	\$400	
		_	ents, Extent : Mod		**			
			e Doors At First, B			rs		
			Extent : Moderate, 2 Doors At Baseme			rc		
			e Doors At Baseme riorated Finish	nı, rırsı	Ana secona r 100	75		
C		ion . Deter	toratea r inish	LIEE	* *	: 5	¢1.600	
Gypsum Board Marble Panels	10%			LIFE	* *	5	\$1,600	
Plaster	5% 68%			LIFE LIFE	* *		¢5 400	
SGFT/Glazed Masonry	5%	Now	\$2.800	LIFE	* *	5	\$5,400	
SGF I/Glazed Masoliry			\$2,800 Extent : Moderate					
	_	_	iir Between Basem	-	-			
			xtent : Light, Area					
			iir Between Basem					
Ceilings								
Acous Tile Conceal SpLn	25%	Now	\$77,800	2049	* *	• 5	\$5,600	
			, Extent : Light, Ar		ted : 10%		40,000	
		: Through		55				
	Staining/D	iscoloring,	Extent : Moderate	, Area A	ffected : 25%			
	Location	: Through	out					
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	ected : 20%			
	Location	: Second I	Floor, Around Wind	dows				
AcousTileSusp.Lay-In	50%			2042	* *	• 5	\$17,800	
Plaster	25%	Now	\$6,300	LIFE	* *	5	\$5,600	
	Water Pen	etration, E	xtent : Light, Area	Affected	: 5%			
	Location	: Stairwel	!					
Site Enclosure								
Fence/Gates								
Chain Link	2%			2039	* *			
Iron Picket		4+	\$6,600	2064	* *	•		
	Corrosion/Rusting, Extent : Moderate, Area Affected : 10% Location : Schenck Avenue And Rear Of Building							
a. -	Location	: Schenck	Avenue And Rear	Of Buildi	ing			
Site Pavements								
Public Sidewalk	100%			2042	* *			
Cast in Place Concrete	100%			2042		-		
On-Site Walkways	95%	4+	\$300	2038	* *	:		
Asphalt			Extent : Light, Are					
	_	zrumbung, : Various	ылын . ыдпі, Ar	ы Ајјесі	си . 5/0			
Cost in Place Consuct		. rantous		2042	* *	<u> </u>		
Cast in Place Concrete	5%			2042	~ ~			
Parking/Driveway	100%			2038	* *	:		
Asphalt	100%			2038				

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.

Asset #: 4203

Component Type	Electrical	Current	t Repair	Futur	e Replacement	M	aintenance	
Fused Disc Sw 100% Other Observation. Extent: Light, Area Affected: 100% Location: Electrical Room Explanation: One 1,200 Ampere Main Disconnect Switch Switchgear / Switchboard Fused Disc Sw 50% 2029 \$17,500 5 \$100 Molded Case Bkrs 50% 2029 \$17,500 5 \$300 Panetwork	Component				Estimated Cost		Estimated Cost	Priority
Fused Disc Sw 100%								
Other Observation, Extent : Light, Area Affected : 100% Location : Electrical Room Explanation : One 1,200 Ampere Main Disconnect Switch								
Location : Electrical Room Explanation : One 1,200 Ampere Main Disconnect Switch	Fused Disc Sw				·	5	\$100	
Explanation : One 1,200 Ampere Main Disconnect Switch				Affected	! : 100%			
Switchgear / Switchboard Fused Disc Sw 50% 2029 \$17,500 5 \$100 Molded Case Bkrs 50% 2029 \$17,500 5 \$300 \$100 Molded Case Bkrs 50% 2029 \$17,500 5 \$300 \$100								
Fused Disc Sw 50% 2029 \$17,500 5 \$100 Molded Case Bkrs 50% 2029 \$17,500 5 \$300		Explanation : One	e 1,200 Ampere Mair	n Disconi	nect Switch			
Molded Case Bkrs 50% 2029 \$17,500 5 \$300 Raceway 2029 \$34,000 1 Panelboards Fused Disc Sw 5% 2028 \$12,00 5 Molded Case Bkrs 95% 2028 \$23,100 5 Molded Case Bkrs 95% 2028 \$23,100 5 Wiring Braided Cloth 70% 2-4 \$21,000 2054 ** * 1 Insulation Aged, Extent : Moderate, Area Affected : 100% Location : Throughout The Building		- 00/		• • • •	44 - - 0	_	4100	
Raceway					· ·			
Conduit 100% 2029		50%		2029	\$17,500	5	\$300	
Panelboards Fused Disc Sw 5% 2028 \$1,200 5 8600		1000/		2020	#24 000			
Fused Disc Sw 5% 2028 \$1,200 5		100%		2029	\$34,000	1		
Molded Case Bkrs 95% 2028 \$23,100 5 \$600		-0/		• • • •	4.200	_		
Wiring Braided Cloth 70% 2-4 \$21,000 2054 ** 1					· ·		*	
Braided Cloth		95%		2028	\$23,100	5	\$600	
Insulation Aged, Extent: Moderate, Area Affected: 100% Location: Throughout The Building			***		ate at			
Location : Throughout The Building	Braided Cloth					1		
Thermoplastic 30% 2029 \$9,000 1 Motor Controllers Locally Mounted 100% 2027 \$49,100 5 \$200 Ground Grounding Devices Generic 100% LIFE ** 5 \$300 Lighting Interior Lighting LED 100% 2037 ** Egress Lighting Emergency, Battery 10% 2037 ** 10 \$600 Emergency, Battery 40% 2024 \$13,900 10 \$2,300 Exit, Service 5% 2037 ** 1 Exit, Service 45% 2024 \$1,700 1 Exterior Lighting HID 100% 2024 \$97,100 10 \$100 Alarm Security System		_		ea Affecte	ed: 100%			
Motor Controllers Locally Mounted 100% 2027 \$49,100 5 \$200 Ground Grounding Devices Generic 100% LIFE *** 5 \$300 Lighting LED 100% 2037 ** ** Egress Lighting Emergency, Battery 10% 2037 ** 10 \$600 Emergency, Battery 40% 2024 \$13,900 10 \$2,300 Exit, Service 5% 2037 ** 1 Exit, Service 45% 2024 \$1,700 1 Exterior Lighting HID 100% 2024 \$97,100 10 \$100 Alarm Security System			ghout The Building					
Locally Mounted 100% 2027 \$49,100 5 \$200	Thermoplastic	30%		2029	\$9,000	1		
Grounding Devices Generic 100% LIFE ** 5 \$300 Lighting LED 100% 2037 ** Egress Lighting Emergency, Battery 10% 2037 ** 10 \$600 Emergency, Battery 40% 2024 \$13,900 10 \$2,300 Exit, Service 5% 2037 ** 1 Exterior Lighting Exit, Service 45% 2024 \$1,700 1 Exterior Lighting HID 100% 2024 \$97,100 10 \$100 Alarm Security System								
Crounding Devices Generic 100% LIFE *** 5 \$300	Locally Mounted	100%		2027	\$49,100	5	\$200	
Common C								
Lighting LED 100% 2037 **								
Interior Lighting LED 100% 2037 **		100%		LIFE	* *	5	\$300	
LED 100% 2037 ** Egress Lighting 2037 ** 10 \$600 Emergency, Battery 40% 2024 \$13,900 10 \$2,300 Exit, Service 5% 2037 ** 1 2024 \$1,700 1 Exterior Lighting 45% 2024 \$1,700 1 \$100 Alarm Security System								
Egress Lighting								
Emergency, Battery 10% 2037 ** 10 \$600 Emergency, Battery 40% 2024 \$13,900 10 \$2,300 Exit, Service 5% 2037 ** 1 Exit, Service 45% 2024 \$1,700 1 Exterior Lighting HID 100% 2024 \$97,100 10 \$100 Alarm Security System		100%		2037	* *			
Emergency, Battery 40% 2024 \$13,900 10 \$2,300 Exit, Service 5% 2037 ** 1 Exit, Service 45% 2024 \$1,700 1 Exterior Lighting HID 100% 2024 \$97,100 10 \$100 Alarm Security System								
Exit, Service 5% 2037 ** 1 Exit, Service 45% 2024 \$1,700 1 Exterior Lighting HID 100% 2024 \$97,100 10 \$100 Alarm Security System								
Exit, Service 45% 2024 \$1,700 1 Exterior Lighting HID 100% 2024 \$97,100 10 \$100 Alarm Security System					· ·		\$2,300	
Exterior Lighting HID 100% 2024 \$97,100 10 \$100 Alarm Security System								
HID 100% 2024 \$97,100 10 \$100 Alarm Security System		45%		2024	\$1,700	1		
Alarm Security System								
Security System		100%		2024	\$97,100	10	\$100	
N. C								
1	No Component	70%						
Generic 30% 2034 ** 1 \$2,700		30%		2034	* *	1	\$2,700	
Fire/Smoke Detection								
No Component 70%				2621				
Generic, Digital 30% 2034 ** 1-3 \$4,500	Generic, Digital	30%		2034	* *	1-3	\$4,500	

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

Heating

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.

Asset #: 4203

Mechanical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source	1000/	20.40				
Natural Gas	100%	2049	* *	1		
Conversion Equipment	(00/	2020	¢24.000	1	¢7,000	
Furnace	60% Other Observation, Extent:	2029	\$34,000	1	\$7,000	
	Location: Roof	Ligii, Area Ajjeciea .	100/0			
	Explanation: 2 Rooftop U	nits				
Hot Water Boiler	40%	2042	* *	1	\$4,700	
Hot water Boner	Other Observation, Extent:		100%	1	Ф , 700	
	Location: Basement	218.11, 11. 64 13,566.64 .	100,0			
	Explanation: One Unit					
Distribution	1					
Hot Wtr Piping/Pump	40%	2037	* *	4	\$500	
No Component	60%					
Terminal Devices						
Convector/Radiator	40%	2034	* *	1	\$3,100	
No Component	60%					
Air Conditioning						
Energy Source	1000/		ata ata			
Electricity	100%	2037	* *	1		
Conversion Equipment	20%	2024	* *	1	\$2.200	
Reciprocating Compr/Chiller	2070	2034		1	\$2,200	
Compi/Cimici	Other Observation, Extent :	Light Area Affected	100%			
	Location : Basement	g,,				
	Explanation: 2 Units. R-4	10a				
Ext Pkg Unit -	70%	2029	\$211,100	2	\$1,000	
Heating/Cooling			4 ,		4-,	
2 2	R-22 Refrigerant, Extent : L	ight, Area Affected : 10	00%			
	Location: 2 Units. Roof					
Split Unit	10%	2029	\$51,400			
•	R-22 Refrigerant, Extent : L	ight, Area Affected : 10	00%			
	Location: 4 Units. Variou	s Locations				
Terminal Devices						
Fan Coil - 2 Pipe	20%	2034	* *	1	\$1,500	
Fan Coil - 2 Pipe	10%	2029	\$45,800	1	\$800	
No Component	70%					
Heat Rejection	200/	2024	ata ata		#2.200	
Air Cooled Condenser	20%	2034	* *	2	\$3,300	
Unit	100/	2020	£4.000	2	¢1.700	
Air Cooled Condenser Unit	10%	2029	\$4,900	2	\$1,700	
No Component	70%					
Ventilation	1070					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$13,200	

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.

Asset #: 4203

Mechanical	Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior		Now	\$400	2029	\$21,400	2	\$100	
			t : Severe, Area Afj	fected : 1	0%			
	Location	: Basemen	t Staff Lounge					
Roof	75%	Now	\$1,500	2029	\$30,000	2	\$400	
	Corroded,	Extent : M	oderate, Area Affe	cted: 15				
	Location	: Roof Exh	aust Fans					
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2039	* *	1		
Galvanized Steel	50%			2027	\$52,800	1		
Water Heater								
Gas Fired	100%			2027	\$14,700	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2029	\$3,700	4	\$500	
Sewage Ejector(s)								
Electric	100%			2029	\$6,900	4	\$900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location	: Basemen	t To 2nd Floor					
	Explana	ion : 1 Uni	it					
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2029	\$11,800	1-2	\$300	

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.

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : NEW UTRECHT BRANCH LIBRARY
Address : 1743 86TH ST. @BAY 17 STREET

Borough : BROOKLYN Agency's Number : 51

Area Sq Ft : 22,455 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 18-Jun-2020 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 6343 Lot : 64 BIN : 3165745

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$631,100	\$303,100
Interior Architecture	\$240,700	
Electrical		\$305,500
Mechanical		\$96,100
Site Enclosure	\$39,300	
Total	\$911,000	\$704,700
Importance Code A	\$631,100	\$303,100
Importance Code B	\$240,700	\$401,600
Importance Code C	\$39,300	
Total	\$911,000	\$704,700

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$84,200			
Interior Architecture	\$95,300		\$800	\$4,100
Electrical	\$38,600	\$600	\$700	\$1,000
Mechanical	\$10,000	\$3,200	\$4,400	\$2,700
Site Pavements	\$19,700			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$251,700	\$7,800	\$9,900	\$11,700
Importance Code A	\$85,300	\$1,100	\$1,100	\$1,100
Importance Code B	\$100,300	\$6,700	\$8,800	\$9,800
Importance Code C	\$66,000			\$700
Total	\$251,700	\$7,800	\$9,900	\$11,700



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.

Asset #: 4204

chitecture	Current Repair	Future Replacement	M	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
erior		•	•		•
Exterior Walls					
Masonry: Brick	90% Now \$501,300	LIFE **	5	\$25,600	
	Joint Mortar Miss/Erod, Extent: Moder	ate, Area Affected : 10%			
	Location : East Facade, Chimney				
	Rusting Masonry Supt, Extent: Modera	te, Area Affected : 10%			
	Location: Lintels Above Windows				
	Spalling, Extent: Moderate, Area Affec	ted : 5%			
	Location: Above 2nd Floor Window	100			
	Vertical Cracks, Extent: Moderate, Are	a Affected : 5%			
	Location: At Northwest Corner	100/			
	Worn/Eroded, Extent : Moderate, Area				
	Location: Below Windows At Drivewo	•			
	Other Observation, Extent: Severe, Are Location: Rear Of Building Parapet A	00			
N	Explanation: Mesh Installed To Capta		-	0.400	
Masonry: Fieldstone	1%	LIFE	5	\$400	
Masonry: Limestone	8% Now \$89,600	LIFE	5	\$1,700	
	Joint Mortar Miss/Erod, Extent: Model Location: Throughout	ate, Area Affectea . 50/6			
	Rusting Masonry Supt, Extent: Modera	to Area Affacted : 100/			
	Location: Lintels Above Windows	ie, Area Ajjeciea . 1070			
Window Wall	1%	2041 **	5	\$1,100	
Windows	170	2011		ψ1,100	
Aluminum	100% Now \$40,200	2056 **	5	\$2,200	
	Caulking Deteriorated, Extent : Modera			, ,	
	Location : Throughout				
Parapets					
Cast Stone/Terra Cotta	15% Now \$8,100	LIFE **	5	\$1,200	
	Other Observation, Extent : Severe, Are	a Affected : 15%			
	Location : Rear Parapet				
	Explanation : Mesh Covering To Capi	ure Falling Debris			
Cast Stone/Terra Cotta	15% Now \$22,100	LIFE **	5	\$1,200	
	Other Observation, Extent : Severe, Are	a Affected : 25%			
	Location: Front And Side Parapets				
	Explanation: Covered By Rubber Med	mbrane			
Masonry: Brick	70% Now \$23,400	LIFE **	5	\$700	
•	Other Observation, Extent : Severe, Are	a Affected : 50%			
	Location: Front And Side Parapets				
	Explanation: Covered By Rubber Med	mbrane			
Roof					
Modified Bitumen	100% 0-2 \$30,300	2031 \$303,100			
	Blisters, Extent: Moderate, Area Affect	ed : 5%			
	Location : Main Roof				

Interior

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.

Asset #: 4204

Architecture	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2030	\$23,200	3	\$2,500	
Cast in Place Concrete	5%			LIFE	* *	5	\$7,400	
Mosaic Tile	5%			2036	* *	5	\$4,200	
Terrazzo	5%	NT	¢.(200	LIFE	* *	5	\$2,600	
Vinyl Tile	Patching I Location Worn/Erod	: Staff Low	: Light, Area Affe		15%	3	\$2,500	
Vinyl Tile 9" X 9"	60%	2-4	\$240,700	2041	* *	3	\$7,600	
	Worn/Eroo		: Moderate, Area		: 20%		* : , = : :	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	\$1,500	
Gypsum Board	59%		4.5 00	LIFE	* *	5-10	\$30,000	
Marble Panels		2-4 Crumbling, : Front Sta	\$500 Extent : Light, Ar airs	LIFE ea Affect				
Plaster	25%			LIFE	* *	5-10	\$6,400	
SGFT/Glazed Masonry	Cracking/0	Now Crumbling, : Stair Bui	\$25,100 Extent : Light, Ar Ikhead	LIFE ea Affect	* * ed : 10%			
	Water Pen		xtent : Moderate, 2	Area Affe	ected : 15%			
Ceilings								
AcousTileConcealSpLn	Misaligned	4+ l/Bulging, : Through	\$3,700 Extent : Light, Are out	2036 a Affecte	* * d : 5%	5	\$5,300	
Exposed Concrete	10%			LIFE	* *	5-10	\$4,200	
Gypsum Board	10%			LIFE	* *	5-10	\$11,600	
Plaster	55%			LIFE	* *	5-10	\$31,800	
Site Enclosure Fence/Gates								
Chain Link	Location Corrosion Location Impact Da	: Side Dri /Rusting, E : Side Dri mage, Exte	\$39,300 nents, Extent: Moa veway And Rear Po xtent: Moderate, 2 veway And Rear Po ent: Moderate, Are veway And Rear Po veway And Rear Po veway And Rear Po	arking Lo Area Affe arking Lo ea Affecte	ot ected : 100% ot ed : 10%			
Free Standing Walls								
Masonry: Fieldstone	100%			2041	* *			
Site Pavements								

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.

Asset #: 4204

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	\$2,800	2036	* *			
	Tripping I	azard, Ext	ent : Moderate, Ar	ea Affeci	ted : 5%			
	Location	: 86th Stre	et					
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%	2-4	\$16,900	2036	* *			
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 15%			
	Location	: Driveway	And Parking Lot					

Electrical	Current Repair	Futur	e Replacement	M	Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2031	\$2,700	5	\$100		
	Other Observation, Extent : Light, A	lrea Affected	: 100%				
	Location : Electrical Room						
	Explanation: Two 400 Amperes M	lain Disconn	ect Switches				
Switchgear / Switchboard				_	*		
Molded Case Bkrs	100%	2031	\$35,000	5	\$600		
Raceway							
Conduit	95%	2031	\$32,300	1			
Conduit	5%	2041	* *	1			
Panelboards							
Fused Disc Sw	5%	2030	\$1,200	5			
Molded Case Bkrs	30%	2039	* *	5	\$200		
Molded Case Bkrs	65%	2030	\$15,800	5	\$400		
Wiring							
Braided Cloth	70% 2-4 \$21,00		* *	1			
	Insulation Aged, Extent : Moderate,		ed : 100%				
	Location : Throughout The Buildin						
Thermoplastic	30%	2041	* *	1			
Motor Controllers							
Locally Mounted	100%	2036	* *	5	\$200		
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$700		
Lighting							
Interior Lighting							
Fluorescent	80%	2026	\$194,900	10	\$16,500		
	Other Observation, Extent : Light, Area Affected : 100%						
	Location : Reading Areas						
	Explanation: T-12 Lamps						
LED	20%	2039	* *				

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.

Asset #: 4204

Electrical	Current Rep	pair Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Egress Lighting						
Emergency, Battery	50%	2039	* *	10	\$2,700	
Exit, Service	50%	2039	* *	1		
Exterior Lighting						
LED	30%	2039	* *			
No Component	70%					
Alarm						
Security System						
No Component	70%					
Generic	30%	2039	* *	1	\$2,500	
	Other Observation, Exte	nt : Light, Area Affected .	: 100%			
	Location : Reading Are	eas And Outside Perimete	er			
	Explanation: Cctv Sur	veillance Cameras				
Fire/Smoke Detection						
No Component	70%					
Generic, Analog	30%	2031	\$75,600	1-3	\$4,300	
	Other Observation, Exte	nt : Light, Area Affected .	: 100%			
	Location : Hallways A	nd Basement				
	Explanation : Strobe L	ights, Manual Pull Statio	ns, Alarm Bells, S	moke De	tectors And Horns	

Mechanical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2051	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2044	* *	1	\$11,100	
	Other Observation, Extent : Light, Area	Affected	: 100%			
	Location: Basement Boiler Room					
	Explanation: One Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2047	* *	4	\$1,700	
Terminal Devices						
Air Handler	30%	2031	\$96,100	1	\$4,200	
Convector/Radiator	70%	2044	* *	1	\$5,100	
Air Conditioning						
Energy Source						
Electricity	100%	2047	* *	1		

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.

Asset #: 4204

Mechanical	Current Repair		Future	e Replacement	Maintenance			
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning Conversion Equipment Reciprocating Compr/Chiller	10%		2031	\$19,300	1	\$1,000		
	Location: 1 Unit	xtent : Light, Area A On Roof		100%				
Exterior Pkg Unit - Cooling	90%		2036	* *	2	\$1,200		
	Other Observation, Extent : Light, Area Affected : 100% Location : Roof Explanation : 4 Units. R-134 Refrigerant							
Terminal Devices Air Handler/Cool/Ht No Component	10% 90%		2031	\$25,600	1	\$1,400		
Heat Rejection Air Cooled Condenser Unit	10%		2031	\$4,600	2	\$1,600		
No Component	90%							
Ventilation Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$19,800		
Exhaust Fans Interior	10%		2031	\$8,100	2	\$100		
Roof	90%		2036	* *	2	\$600		
Plumbing H/C Water Piping Brass/Copper	100%		2041	* *	1			
Water Heater	10070		2041		1			
Gas Fired	100%		2029	\$13,900	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	**				
	Other Observation, Location : Basem Explanation : 1 U		Affected	: 100%				

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.

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : PACIFIC BRANCH LIBRARY

Address : 25 FOURTH AVENUE @PACIFIC STREET

Borough : BROOKLYN Agency's Number : 69

Area Sq Ft : 15,758 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 26-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Floors 1,2,Mez

Block : 928 Lot : 6 BIN : 3018376

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$191,300	
Interior Architecture	\$44,000	\$225,200
Electrical	\$181,300	\$35,000
Mechanical	\$264,900	
Total	\$681,400	\$260,200
Importance Code A	\$191,300	
Importance Code B	\$490,100	\$260,200
Total	\$681,400	\$260,200

Total	\$120,200	\$2,300	\$29,500	\$4,900
Importance Code C	\$21,400			
Importance Code B	\$82,000	\$1,500	\$27,400	\$4,100
Importance Code A	\$16,800	\$800	\$2,000	\$800
Total	\$120,200	\$2,300	\$29,500	\$4,900
Site Pavements	\$3,600			
Site Enclosure	\$2,700			
Mechanical	\$2,400	\$1,700	\$11,300	\$2,100
Electrical	\$14,000	\$600	\$16,900	\$500
Interior Architecture	\$81,400		\$200	\$2,300
Exterior Architecture	\$16,000		\$1,100	
EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025



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.

Asset #: 13261

chitecture	Current I	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Exterior Walls							
Masonry: Brick	85%	Φ2 000	LIFE	* *	5	\$34,600	
Masonry: Fieldstone	5% Now	\$3,800	LIFE	**	5	\$1,500	
	Diagonal Cracks, Ex Location : Rear Of		•еа Ајјес	tea : 5%			
Masonry: Limestone	10% 4+	\$10,700	LIFE	* *	5	\$3,100	
	Cracking/Crumbling, Location: Through		ea Affect	ed : 5%			
	Joint Mortar Miss/Er	od, Extent : Moder	ate, Ared	a Affected : 5%			
	Location : Through	out					
	Staining/Discoloring		, Area Ą	ffected : 15%			
	Location : Through	out					
Windows							
Metal Louvers	1% Now	\$1,500	2044	* *			
	Corrosion/Rusting, E Location : Rear Are		Area Affe	cted : 45%			
Wood	99% Now	\$136,800	2054	* *	5	\$22,500	
	Deteriorated Finish,		Area Afj	fected : 50%			
	Location : Through						
	Glazing Broken/Crac	_		fected : 5%			
	Location: Various	_					
	Thermally Inefficient		e, Area A	ffected : 50%			
	Location: Through		1.00 . 1	250/			
	Split/Cracked, Extens		Affectea	: 23%			
D	Location : Through	ош					
Parapets Masonry: Brick	80% Now	\$54,500	LIFE	* *	5	\$4,400	
Masonly. Blick	Joint Mortar Miss/Er			a Affected : 10%	3	\$4,400	
	Location: Interior		uie, Arei	i Ajjecieu . 1070			
	Spalling, Extent: Mo		ted · 30%	<u> </u>			
	Location: Interior		.cu . 507				
Masonry: Limestone	10%		LIFE	* *	5	\$700	
Metal Panel	10%		2049	* *	5	\$2,100	
Roof						<i>\$</i> - ,100	
Not Accessible	100%						
Soffits							
Masonry: Limestone	100%		LIFE	* *	5		
	Staining/Discoloring		ea Affect	ed : 25%			
	Location : Through	out					

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.

Asset #: 13261

Architecture		Current l	Repair	Futur	e Replacement	M	aintenance	
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	8%			LIFE	* *	5	\$4,300	
Ceramic Tile	5%		\$2,600	2032	* *	5	\$600	
	Location	ı : Toilets	ents, Extent : Mod					
	Location	ı : Toilets	Extent : Moderate		-			
		ded, Extent 1 : Toilets	: Moderate, Area	Affected	: 10%			
Quarry Tile	1%			2034	* *	5	\$400	
Sheet Vinyl/Rubber	10%	Now	\$3,900	2029	\$78,700	5	\$1,800	
		-	amage, Extent : Mo or Reading Room	oderate,	Area Affected : 5%	ó		
Vinyl Tile	65%	Now	\$44,000	2029	\$146,500	3	\$6,000	
	_	Crumbling, 1 : 2nd Floo	Extent : Moderate or	, Area Ą	ffected : 15%			
	Location		Extent : Light, Area nt And Meeting Roo Tiles		! : 10%			
Vinyl Tile 9" X 9"	10%	Now	\$8,800	2029	\$29,200	3	\$900	
·		_	nents, Extent : Mod nt Reading Rooms	erate, Ar	ea Affected : 15%			
	_	0	Extent : Moderate at Reading Rooms	, Area Ą	ffected : 15%			
Wood	1%	Now	\$8,700	2069	* *	5	\$200	
	Broken/M		ents, Extent : Mod		ea Affected : 5%		4 -00	
	Deteriora		Extent : Moderate,	Area Af	fected : 100%			
	Dry Rot/L		nt : Moderate, Area	a Affected	d : 15%			
	Split/Crac		: Moderate, Area	Affected	: 15%			

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.

Asset #: 13261

rchitecture	Current R	epair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Interior Walls	50 /		2022	* *	-	Ф000	
Ceramic Tile	5% 10%		2032	**	5	\$900	
Gypsum Board Plaster	80% Now	\$12,700	LIFE LIFE	* *	5 5	\$1,100 \$4,400	
1 laster	Cracking/Crumbling,			ed · 10%	3	\$7,700	
	Location : Basement						
	Water Penetration, Ex	tent : Moderate, 2	Area Affe	cted : 10%			
	Location : Basement						
Wood	5% Now	\$2,200	LIFE	* *	5	\$3,700	
	Broken/Missing Eleme			ea Affected : 5%		4-7:	
	Location : 2nd Floor	Reading Room					
	Misaligned/Bulging, E		Area Aff	fected : 10%			
	Location : 2nd Floor	-					
	Water Penetration, Ex		Area Affe	cted : 5%			
	Location : 2nd Floor	Reading Room					
Ceilings	50/ NI	¢10.700	2049	* *	5	\$600	
AcousTileSusp.Lay-In	5% Now Broken/Missing Eleme Location: Male Bati		re, Area		3	\$600	
	Loose/Delam Surface,			cted : 20%			
	Location : Male Bati						
	Misaligned/Bulging, E	Extent : Severe, Ar	ea Affect	ed: 40%			
	Location : Male Bath	hroom In Baseme	ıt				
Gypsum Board	5%		LIFE	* *	5	\$1,500	
Plaster	90% Now	\$31,300	LIFE	* *	5	\$13,800	
	Broken/Missing Eleme		erate, Ar	ea Affected : 10%	Ó		
	Location : Basement						
	Cracking/Crumbling,		, Area Aj	ffected: 10%			
- Englacyms	Location : Basement						
e Enclosure Fence/Gates							
Iron Picket	100% 0-2	\$2,200	2049	* *			
	Corrosion/Rusting, Ex			cted : 10%			
	Location : Througho						
	Deteriorated Finish, E	Extent : Moderate,	Area Aff	fected : 25%			
	Location : Througho	ut					
Free Standing Walls			_				
Cast in Place Concrete	100% Now	\$200	2049	**			
	Cracking/Crumbling, Location: Througho		, Area Aj	уестеа : 10%			
Dataining Wells	Location : Inrougho	ш					
Retaining Walls Cast in Place Concrete	50% Now	\$300	2049	* *			
Cast III I Iace Concrete	Cracking/Crumbling,			ffected : 10%			
	Location: Througho		,	y -			
Masonry: Fieldstone	50%		2039	* *			
e Pavements			_00/				

Site Pavements

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.

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BROOKLYN PUBLIC LIBRARY - 038 PACIFIC BRANCH LIBRARY

Asset #: 13261

Architecture	С	urrent Repair		Futur	e Replacement	M	aintenance	
System Component Type		ail Date Estin Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ite Pavements Public Sidewalk								
Cast in Place Concrete	100%			2034	* *			
	Cracking/Cru Location : T	ımbling, Exten Throughout	t : Light, Are	ea Affecto	ed : 5%			
On-Site Walkways								
Cast in Place Concrete	100% N	Now	\$1,200	2034	* *			
	Cracking/Cru Location : T	ımbling, Exten Throughout	t : Moderate	, Area Aj	ffected : 10%			
	Sinking/Subsi Location : T	iding, Extent : . Throughout	Moderate, A	rea Affec	cted : 5%			
Parking/Driveway								
Cast in Place Concrete	100% N	Now	\$2,400	2034	* *			
	Cracking/Cru	ımbling, Exten	t : Moderate	, Area Aj	ffected : 10%			
	Location : T	Throughout						
	Sinking/Subsi	iding, Extent : .	Moderate, A	rea Affec	cted : 10%			
	Location : T	Throughout						

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2029	\$1,600	5	\$400	
	Other Obser	rvation, Extent : Light, Are	ea Affected	1: 100%			
	Location:	Electrical Room					
	Explanatio	on : No Available Namepla	ate Rating	Capacity			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2029	\$35,000	5	\$400	
	Other Obser	Other Observation, Extent : Light, Area Affected : 100%					
	Location:	Electrical Room					
	Explanation	on : 1- Vertical Sections					
Raceway							
Conduit	100%		2029	\$34,000	1		
Panelboards							
Fused Disc Sw	10%		2028	\$1,600	5		
Molded Case Bkrs	90%		2028	\$14,600	5	\$400	
Wiring							
Thermoplastic	100%		2029	\$30,100	1		
Motor Controllers							
Locally Mounted	100%		2027	\$32,700	5	\$100	
Ground							
Grounding Devices							
Generic	100%	2-4 \$10,300	LIFE	* *	5	\$200	
	Other Obser	rvation, Extent : Moderate	, Area Affe	ected : 100%			
	Location:	Boiler Room					
	Explanation	on : Corroded					

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.

Asset #: 13261

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	75%	2024	\$128,200	10	\$10,800	
	Other Observation, Extent : Light, Area	a Affected	: 100%			
	Location: Throughout The Building					
	Explanation: T-12 Lamps					
Fluorescent	3%	2034	* *	10	\$400	
	Compact Fluorescent Light, Extent : Li	ight, Area	Affected : 100%			
	Location : Basement					
Fluorescent	20%	2034	* *	10	\$2,900	
	T-8 Lamps And Fixtures, Extent: Light	t, Area Affe	ected : 100%			
	Location: Offices, 2nd Floor, Toilets	, Basemen	t			
Fluorescent	2% Now \$3,400	2039	* *			
	Malfunctioning, Extent : Light, Area Aj	ffected : 10	00%			
	Location: Basement					
Egress Lighting						
Emergency, Battery	50%	2034	* *	10	\$1,900	
Exit, Service	50%	2034	* *	1		
Exterior Lighting						
HID	30%	2029	\$19,300	10		
No Component	70%					
Alarm						
Security System						
No Component	70%		ale ale		A. 000	
Generic	30%	2037	**	1	\$1,800	
	Other Observation, Extent: Light, Area	a Affected	: 100%			
	Location: Inside And Outside					
T: (G 1 D : :	Explanation: CCTV Surveillance Case	meras				
Fire/Smoke Detection	700/					
No Component	70%	2020	* *	1.2	#2 (00	
Generic, Analog	30% Now \$53,000	2039		1-3	\$2,600	
	Other Observation, Extent: Light, Area	а Ајјестеа	. 100%			
	Location: Hallways	lat E	mal Ala D-11	11.14	and Daill Charter	
	Explanation: Fire Alarm System Is N	ot runctio	mai. Aiarm Bells	Ana Mai	iuai Puii Stations	

Mechanical	Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2039	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2034	* *	1	\$7,800	
	Other Observation, Extent : Light, Area	Affected	l : 100%			
	Location: Basement					
	Explanation: One Gas Fired Hot Wat	er Boilei	•			

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.

Asset #: 13261

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	100%			2045	* *	4	\$800	
Terminal Devices								
Air Handler	80%			2024	\$179,900	1	\$7,800	
			tent : Moderate, A	00				
	Location :	Roof And	l Basement, Equipi	nent App	roaching Useful L	ife Cycle	Limit	
Convector/Radiator	20%			2034	* *	1	\$1,000	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Int Pkg Unit -	25%	Now	\$85,000	2034	* *	2	\$200	
Heating/Cooling								
	-		nt : Moderate, Are	a Affecte	d : 50%			
	Location :	Basemen	t					
Window/Wall Unit	25%			2024	\$8,300	1		
Not Accessible	50%							
	Other Obse	rvation, E	xtent : Light, Area	Affected	: 0%			
	Location:	Roof						
	Explanation	on : No Ac	ccess To Survey Pa	ckage U	nit On Roof			
/entilation								
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%			2049	* *	1		
Water Heater								
Gas Fired	100%			2028	\$9,800	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2022	\$500	4	\$500	
Backflow Preventer								
No Component	80%							
Generic	20%			2029	\$800	1	\$200	
			xtent : Light, Area	Affected	: 20%			
	Location :							
	Explanation	on : Boile	r Only					
Fixtures								
Generic	100%							

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.

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : PARK SLOPE/PROSPECT BRANCH LIBRARY

Address : 431 SIXTH AVE. @9TH STREET

Borough : BROOKLYN Agency's Number : 53

Area Sq Ft : 15,868 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 31-Oct-2017 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1, Mez

Block : 1006 Lot : 1 BIN : 3022144

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$158,600	
Electrical		\$14,200
Mechanical		\$588,100
Total	\$158,600	\$602,300
Importance Code A	\$158,600	
Importance Code B		\$602,300
Total	\$158,600	\$602,300

4,	4

Total	\$108,600	\$7,000	\$31,400	\$10,000
Importance Code C				
Importance Code B	\$11,400	\$6,200	\$25,600	\$9,200
Importance Code A	\$97,200	\$800	\$5,700	\$800
Total	\$108,600	\$7,000	\$31,400	\$10,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$4,100	\$1,600	\$5,300	\$2,000
Electrical	\$1,700	\$1,100	\$17,200	\$1,500
Interior Architecture	\$2,500	\$400		\$2,500
Exterior Architecture	\$96,400		\$5,000	
EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025



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		
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Exterior Walls Masonry: Brick	85% Now \$107,70 Efflorescence, Extent: Moderate, An Location: Throughout Vegetation Growth, Extent: Severe, Location: 8th Street	rea Affected : 30%	5	\$30,300	
Masonry: Limestone	10% 4+ \$50,90 Vegetation Growth, Extent : Modera Location : Throughout		5	\$2,700	
Stucco Cement	5% Now \$18,20 Cracking/Crumbling, Extent: Severe Location: Throughout Most Areas Loose/Delam Surface, Extent: Severe Location: Moat Areas Other Observation, Extent: Light, A Location: Throughout Explanation: Actual Bluestone	e, Area Affected : 30% re, Area Affected : 20%	5	\$2,200	
Windows	Ziipiuiiuiiei i iieiiui Ziiiesieiie				
Aluminum	100% Now \$27,80 Ctrwt/Balnc Not Funct, Extent: Mod Location: Throughout Unit Inoperable, Extent: Moderate, Location: Throughout	derate, Area Affected : 15%	5	\$2,800	
Parapets Masonry: Brick	85% Now \$11,90 Joint Mortar Miss/Erod, Extent: Mo Location: Throughout		5	\$3,500	
Masonry: Limestone	10% 0-2 \$5,10 Cracking/Crumbling, Extent: Mode Location: Roof Joint Mortar Miss/Erod, Extent: Mo Location: Throughout	rate, Area Affected : 5%	5	\$500	
Metal Panel	5%	2049 **	5	\$800	
Roof					_
Metal Panel Modified Bitumen	80% 20%	2042 ** 2034 **	10 10	\$33,400 \$4,600	
Soffits	1000/	1155 **	_		
Masonry: Limestone Interior	100%	LIFE **	5		
Floors					
Cast in Place Concrete	5%	LIFE **	5	\$2,600	
Ceramic Tile	3%	2038 **	5	\$700	
Glass Block	5%	2057 **	1	* *	
Mosaic Tile	2%	2046 **	5	\$1,200	
Vinyl Tile	85%	2034 **	3	\$10,000	

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 F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$300	
Glass: Single Pane	5%			LIFE	* *	5	\$600	
Gypsum Board	10%			LIFE	* *	5	\$900	
Plaster	70%			LIFE	* *	5	\$3,200	
Wood	5%			LIFE	* *	5	\$3,000	
Wood	5%			LIFE	* *	5	\$3,000	
Ceilings								
AcousTileSusp.Lay-In	10%			2046	* *	5	\$2,300	
Glass: Susp Panels	10%			LIFE	* *			
Plaster	80%			LIFE	* *	5	\$11,700	
Site Enclosure								
Fence/Gates								
Chain Link	5%			2049	* *			
Iron Picket	95%			2064	* *			
Retaining Walls								
Cast in Place Concrete	100%			2064	* *			
	Other Obs	ervation, E	xtent : Light, Area	Affected	! : 100%			
	Location	: Various						
	Explanation: Covered With Stucco Cement							
Site Pavements								
Public Sidewalk	1000/			2042	* *			
Cast in Place Concrete	100%			2042	* *			
Parking/Driveway	1000/			20.42	* *			
Cast in Place Concrete	100%			2042	* *			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY		Priority
Under 600 Volts				
Switchgear / Switchboard				
Molded Case Bkrs	100%	2039 **	5 \$400	
	Other Observation, Extent : Light, Area Location : Electrical Room	Affected: 100%		
	Explanation: Main Service Disconned Nameplate Rating Capacity.	t Switch In The Switchboa	rd And No Available	
Raceway				
Conduit	70%	2039 **	1	
Conduit	30%	2049 **	1	
Panelboards				
Fused Disc Sw	5%	2037 **	5	
Molded Case Bkrs	10%	2037 **	5	
Molded Case Bkrs	85%	2045 **	5 \$400	
Wiring				
Thermoplastic	30%	2049 **	1	
Thermoplastic	70%	2039 **	1	

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.

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BROOKLYN PUBLIC LIBRARY - 038 PARK SLOPE/PROSPECT BRANCH LIBRARY

Asset #: 13262

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts	'	'	•			
Motor Controllers						
Locally Mounted	40%	2027	\$14,200	5		
Locally Mounted	30%	2042	* *	5		
Locally Mounted	30%	2034	* *	5		
round						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
ighting						
Interior Lighting	2007	2024	* *	1.0	0.4.400	
Fluorescent	30%	2034		10	\$4,400	
	T-8 Lamps And Fixtures, Ext Location: Hallways, Basen		ctea : 100%			
			ale ale	1.0	4.000	
Fluorescent	20%	2034	**	10	\$2,900	
	T-5 Lamps And Fixtures, Ext		cted : 100%			
	Location: Basement And 1.					
Fluorescent	50%	2034	**	10	\$7,300	
	Compact Fluorescent Light,	-	Affected: 100%			
	Location: Basement And R	eading Areas				
Egress Lighting	1.50/	2020	#2 000	1.0	Φ.CO.O.	
Emergency, Battery	15%	2029	\$3,800	10	\$600	
Emergency, Battery	35% 30%	2034	* *	10	\$1,300	
Exit, LED Exit, Service	10%	2057 2029	\$300	1		
Exit, Service	10%	2029	\$300 **	1 1		
Exterior Lighting	1070	2034		1		
HID	20%	2029	\$14,100	10		
No Component	80%	2027	φ14,100	10		
ightning Protection	0070					
Arresters/Cabling						
Generic	100%	2032	* *	5	\$500	
larm					42.00	
Security System						
No Component	70%					
Generic	30%	2034	* *	1	\$1,800	
	Other Observation, Extent:	Light, Area Affected :	100%			
	Location : Reading Areas, I	Hallways And Outsid	e			
	Explanation : CCTV Survei	llance Cameras				
Fire/Smoke Detection						
Generic, Digital	100%	2034	* *	1-3	\$10,100	
	Other Observation, Extent : I		100%			
	Location: Throughout The					
	Explanation: Strobe Lights	, Manual Pull Station	ns, Alarm Bells, S	moke De	etectors And Horns	

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

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

Mechanical		Current Repair	Futur	e Replacement	Maintenance		
System Component Type		ail Date Estimated Cos Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment	1000/		20.42	* *		Φ 7 .000	
Hot Water Boiler	100%	nation Extant : Light Ar	2042		1	\$7,900	
	Location:	vation, Extent : Light, Ar Rasament	еи Ајјестеи	. 100/0			
		вазетет n : 1 Gas Fired How Wa	ter Roiler				
Distribution	Блринино	n . 1 Gus 1 treu 110 w mu	ier Boiler				
Hot Wtr Piping/Pump	100%		2037	* *	4	\$800	
Terminal Devices						4000	
Air Handler	60%		2034	* *	1	\$5,900	
Convector/Radiator	20%		2034	* *	1	\$1,000	
Convector/Radiator	20%		2042	* *	1	\$1,000	
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Interior Pkg Unit -	90%		2030	\$588,100	2	\$900	
Cooling		erant, Extent : Light, Arec 2 Units. Basement Mecho					
Window/Wall Unit	10%		2027	\$3,600	1		
Heat Rejection							
Air Cooled Condenser Unit	100%		2034	* *	2	\$11,100	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$8,800	
Exhaust Fans	000/		2024			0.400	
Interior	90%		2034	**	2	\$400	
Roof	10%		2029	\$2,900	2	\$100	
Plumbing H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater	10070		2039		1		
Gas Fired	100%		2027	\$10,700	2	\$200	
Sanitary Piping	10070		2021	Ψ10,700		Ψ200	
Cast Iron	100%		LIFE	* *	1		
	****				•		
Storm Drain Piding							
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
	100%		LIFE	* *	1		

Vertical Transport

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

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

Vertical Transport

Elevators

Hydraulic 100% LIFE **

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

Location : Basement Through Mezzanine

Explanation: 1 Unit

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

Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : RED HOOK BRANCH LIBRARY
Address : 7 WOLCOTT ST. @DWIGHT STREET

Borough : BROOKLYN Agency's Number : 70

Area Sq Ft : 7,500 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 26-Oct-2017 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 577 Lot : 29 BIN : 3008650

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Electrical	\$81,400	
Mechanical		\$191,300
Total	\$81,400	\$191,300
Importance Code B	\$81,400	\$191,300
Total	\$81,400	\$191,300

Total	\$21,400	\$3,300	\$30,900	\$4,500
Importance Code C	\$2,500			
Importance Code B	\$6,800	\$2,900	\$10,700	\$4,100
Importance Code A	\$12,000	\$400	\$20,100	\$400
Total	\$21,400	\$3,300	\$30,900	\$4,500
Site Pavements	\$3,800			
Site Enclosure	\$2,500			
Mechanical	\$1,500	\$2,500	\$2,100	\$2,700
Electrical	\$700	\$600	\$8,700	\$700
Interior Architecture	\$1,200	\$200	\$400	\$1,200
Exterior Architecture	\$11,700		\$19,600	
EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025



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 RED HOOK BRANCH LIBRARY

Asset #: 13263

Architecture	Current Repair	Future Replacem	ent	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior	•	•				
Exterior Walls Cast in Place Concrete	40% Now \$6,600 Exposed Reinforcement, Extent : Model	LIFE rate, Area Affected : 2	**	5	\$26,900	
	Location : Underside Of Overhang At	Front Entrance And	Along	Dwight S	Street Facade	
	Spalling, Extent : Moderate, Area Affect					
	Location: Corner At Dwight and Wol	cott Streets And Along	g Dwig	ght Street	t Facade	
Glass Block	5%	LIFE	* *	5	\$400	
Masonry: Brick	55%	LIFE	* *	5	\$7,400	
Parapets						
Stucco Cement	100%	2042	* *	5	\$10,200	
Roof	1000/	2024	* *	10	Φ10 C00	
Modified Bitumen	100% Patching Evident, Extent: Moderate, A	2034	* *	10	\$19,600	
	Location: Throughout	rea Affectea . 10%				
	Ponding, Extent: Light, Area Affected.	- 5%				
	Location: Throughout					
	Vegetation Growth, Extent : Light, Area	a Affected : 2%				
	Location : Throughout	55				
Soffits						
Pre-Cast Concrete	100%	LIFE	* *	5		
nterior						
Floors						
Cast in Place Concrete	8%	LIFE	* *	5	\$1,800	
Ceramic Tile	4%	2038	**	5	\$400	
Vinyl Tile	88%	2034	* *	3	\$4,600	
Interior Walls	100/	LIEE	* *			
Cast in Place Concrete Concrete Masonry Unit	10% 85%	LIFE LIFE	* *	5	\$4,900	
Masonry: Brick	5%	LIFE	* *	3	\$4,900	
Ceilings	370	LIFE				
AcousTileSusp.Lay-In	8%	2034	* *	5	\$800	
ricous i nesusp. Lay in	Staining/Discoloring, Extent: Light, Ar			5	φοσσ	
	Location : Multipurpose Meeting Roo					
Exposed Concrete	92%	LIFE	* *	5	\$1,500	
F	Other Observation, Extent : Light, Area	Affected : 100%			4-,	
	Location : Throughout					
	Explanation : Precast Concrete T Sec	tions				
Site Enclosure						
Fence/Gates						
Iron Picket	100% 2-4 \$2,500	2049	* *			
	Corrosion/Rusting, Extent: Moderate,	Area Affected : 10%				
N'4. D	Location: Throughout					
Site Pavements						
Public Sidewalk Cast in Place Concrete	100% 4+ \$3,800	2042	* *			
Cast in Flace Concrete	Cracking/Crumbling, Extent : Light, Ar					
	Location: Throughout	ca 11,100,000 . 570				
Tote: All component repairs \$ estim	ates are in current dollars and are not escala	ted for notential future i	nflatio	n		

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.

Asset #: 13263

Architecture	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements						
On-Site Walkways						
Cast in Place Concrete	100%	2042	* *			
Activity Yard						
Cast in Place Concrete	100%	2042	* *			
	Cracking/Crumbling, Extent: Light, A.	rea Affecte	ed : 5%			
	Location : Throughout					

Electrical	Current	Repair	Future Replacement Maintenance		aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2049	* *	5	\$200	
	Other Observation, E	-	Affected	: 100%			
	Location : Electrica						
	Explanation : Main	Service Disconnec	t Switch	Rated At 350 Amp	eres		
Switchgear / Switchboard							
Molded Case Bkrs	100%		2049	* *	5	\$200	
	Other Observation, E		Affected	: 100%			
	Location : Electrica						
	Explanation: One	Vertical Section					
Raceway							
Conduit	80%		2039	* *	1		
Conduit	20%		2049	* *	1		
Panelboards							
Molded Case Bkrs	80%		2028	\$13,000	5	\$200	
Molded Case Bkrs	20%		2045	* *	5		
Wiring							
Thermoplastic	80%		2039	* *	1		
Thermoplastic	20%		2049	* *	1		
Motor Controllers							
Locally Mounted	100%		2027	\$16,400	5	\$100	
round							
Grounding Devices							
Not Accessible	100%						
ighting							
Interior Lighting	000/		•••	4= 0====	4.0		
Fluorescent	98%		2024	\$79,700	10	\$6,700	
	T-12 Lamps And Fix		t, Area A	ffected : 100%			
	Location : Through	out The Building					
Fluorescent	2%		2024	\$1,600	10	\$100	
	Compact Fluorescen	0	ht, Area	Affected: 100%			
	Location : Mechan	ical Room					
Egress Lighting							
Emergency, Battery	50%		2034	* *	10	\$900	
Exit, Battery	50%		2034	* *	10	\$300	

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.

Asset #: 13263

Electrical	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Exterior Lighting						
LED	20%	2034	* *			
No Component	80%					
Alarm						
Security System						
No Component	70%					
Generic	30%	2037	* *	1	\$800	
	Other Observation, Extent	: Light, Area Affected : 100%				
	Location : Reading Areas					
	Explanation : CCTV Surv	eillance Cameras				
Fire/Smoke Detection						
Generic, Digital	100%	2037	* *	1-3	\$4,800	
	Other Observation, Extent	: Light, Area Affected : 100%				
	Location : Throughout Th	ne Building				
	Explanation : Alarm Bells	s And Manual Pull Stations				

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Furnace	60%		2034	* *	1	\$2,200	
Hot Water Boiler	40%		2042	* *	1	\$1,500	
Distribution							
Hot Wtr Piping/Pump	100%		2045	* *	4	\$400	
Terminal Devices							
Convector/Radiator	95%		2042	* *	1	\$2,300	
Fan Coil Unit/Heat	5%		2034	* *	1	\$100	
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Reciprocating	100%		2029	\$64,600	1	\$3,500	
Compr/Chiller							
Terminal Devices							
Air Handler/Cool/Ht	100%		2029	\$85,400	1	\$4,600	
Heat Rejection							
Dry Cooler	100%		2029	\$41,400	2	\$5,200	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,200	
Exhaust Fans							
Roof	100%		2034	* *	2	\$200	
Plumbing							

Plumbing

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 RED HOOK BRANCH LIBRARY

Asset #: 13263

echanical		Current Repair	Futur	e Replacement	M	aintenance	
vstem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ımbing							
H/C Water Piping							
Galvanized Steel	100%		2042	* *	1		
Water Heater							
Gas Fired	100%		2027	\$4,600	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2034	* *	4	\$200	
Fixtures							
Generic	100%						

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : RUGBY BRANCH LIBRARY
Address : 1000 UTICA AVE. @TILDEN AVE.

Borough : BROOKLYN Agency's Number : 54

Area Sq Ft : 9,000 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 13-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 4721 Lot : 28 BIN : 3103730

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$269,200	
Interior Architecture	\$71,800	
Electrical	\$4,900	\$92,800
Mechanical	\$361,700	
Total	\$707,600	\$92,800
Importance Code A	\$269,200	
Importance Code B	\$438,400	\$92,800
Total	\$707,600	\$92,800

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$9,500		\$700	
Interior Architecture	\$3,700	\$200	\$900	\$100
Electrical	\$700	\$4,400	\$75,700	\$400
Mechanical	\$7,800	\$800	\$59,600	\$800
Total	\$21,800	\$5,400	\$136,900	\$1,300
Importance Code A	\$10,000	\$400	\$2,800	\$400
Importance Code B	\$11,900	\$5,000	\$134,200	\$800
Importance Code C				
Total	\$21,800	\$5,400	\$136,900	\$1,300



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.

Asset #: 13264

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	97%			LIFE	* *	5	\$13,600	
Pre-Cast Concrete	3%			LIFE	* *	5	\$1,400	
Windows								
Aluminum	75%			2032	* *	5	\$600	
Aluminum		Now	\$9,200	2049	**	5	\$100	
			Extent : Moderate,	Area Afj	tected: 50%			
			d West Facades		100 1 500/			
	_		d, Extent : Modera ed West Facades	ite, Area	Affected: 50%			
-	Location	i : South An	a west Facaaes					
Parapets	000/			LIEE	* *	_	¢2 200	
Masonry: Brick Metal Panel	90% 10%			LIFE 2044	* *	5	\$3,200	
Roof	10%			2044		5	\$1,400	
Modified Bitumen	100%	0-2	\$269,200	2034	* *			
Wodffied Bituffieli	Blisters, E		lerate, Area Affecto					
	Ponding,	_	derate, Area Affec	ted : 15%	6			
	_	en/Split, Ex 1 : Through	tent : Moderate, A out	rea Affec	rted : 15%			
nterior								
Floors								
Ceramic Tile	5%			2033	* *	5	\$400	
Vinyl Tile	90%			2024	\$68,000	3	\$2,800	
Vinyl Tile	5%			2022	\$3,800	3	\$200	
			xtent : Moderate, 2	Area Affe	ected : 100%			
		ı : Boiler R						
	Explana	tion : 9x9 T	iles					
Interior Walls						_		
Ceramic Tile	3%			2033	* *	5	\$100	
Concrete Masonry Unit				LIFE	* *	5	\$100	
Plaster	87%			LIFE	* *	5	\$500	
Ceilings								
AcousTileSusp.Lay-In	90%			2037	* *	5	\$7,400	
Gypsum Board	10%			LIFE	* *	5	\$1,000	

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

Under 600 Volts

Service Equipment

Fused Disc Sw 100% 2024 \$1,600 5

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

Location: Electrical Room

Explanation: Main Service Switch Rated At 200 Amperes

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 RUGBY BRANCH LIBRARY

Asset #: 13264

	Estimated Cost					
Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
				1		
10%		2044	* *	1		
25%		2023	\$4,000	5	\$100	
25%		2024	\$7,500	1		
100%		2029	\$16,400	5	\$100	
100%		LIFE	* *	5	\$100	
				10	\$7,400	
		rate, Are	a Affected : 100%			
		2022	\$4 900	10	\$400	
T-12 Lamps And Fixt					\$100	
5%		2029	\$4,900	10	\$400	
Other Observation, E Location : Front En	ntrance	Area Affe	cted: 100%		****	
Explanation . Comp	ouci i iuoresceni Li	gm 1 ixii	11 CS			
50%		2029	\$6,600	10	\$1 100	
					\$1,100	
3070		2029	\$700	1		
250/2		2024	\$7.800	10	\$200	
	Extent : Moderate, A			10	\$200	
Explanation: Comp	oact Fluorescent Li	ght Fixtu	ires			
75%		2024	\$27,600	10		
				1	\$3,400	
		Area Affe	cted : 100%			
-	-	noras				
	Location: Through 5% T-12 Lamps And Fixt Location: Book She 5% Other Observation, E Location: Front Er Explanation: Comp 50% 50% Other Observation, E Location: Front Explanation: Comp 75% 100% Other Observation, E Location: Through	10% 75% 25% 75% 25% 100% 100% 100% 100% T-8 Lamps And Fixtures, Extent: Model Location: Throughout The Building 5% T-12 Lamps And Fixtures, Extent: Model Location: Book Shelves Area 5% Other Observation, Extent: Moderate, Allocation: Front Entrance Explanation: Compact Fluorescent Lift 50% 50% 25% Other Observation, Extent: Moderate, Allocation: Front Explanation: Compact Fluorescent Lift 75% 100% Other Observation, Extent: Moderate, Allocation: Throughout The Building	10% 2044	10% 2044 ** 75% 2040 ** 25% 2023 \$4,000 75% 2044 ** 25% 2024 \$7,500 100% 2029 \$16,400 100% LIFE ** 90% 2029 \$16,400 100% LIFE ** 90% 2029 \$87,900 T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building 5% 2022 \$4,900 T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Book Shelves Area 5% 2022 \$4,900 Other Observation, Extent : Moderate, Area Affected : 100% Location : Front Entrance Explanation : Compact Fluorescent Light Fixtures 50% 2029 \$6,600 50% 2029 \$700 25% 2024 \$7,800 Other Observation, Extent : Moderate, Area Affected : 100% Location : Front Explanation : Compact Fluorescent Light Fixtures 75% 2024 \$27,600 100% 2032 ** Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building	10% 2044 ** 1	10% 2044 ** 1

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

Asset #: 13264

Mechanical	C	Current Repair		e Replacement	Maintenance		
System Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source	1000/		•	at at			
Natural Gas	100%		2044	* *	1		
Conversion Equipment	1000/		2027	* *		Ø4.500	
Hot Water Boiler	100%	ustion Entant Light And	2037		1	\$4,500	
		vation, Extent : Light, Ared Basement Boiler Room	і Ајјестеа	: 100%			
	Explanation . 1						
Distribution	Ехріананов	n. 1 Onu					
Hot Wtr Piping/Pump	100%		2032	* *	4	\$400	
Terminal Devices	10070		2032		•	ψ100	
Air Handler	20%		2024	\$25,700	1	\$1,100	
Convector/Radiator	80%		2037	**	1	\$2,300	
Air Conditioning						+)	
Energy Source							
Electricity	100%		2040	* *	1		
Conversion Equipment							
Interior Pkg Unit -	80%		2022	\$273,200	2	\$400	
Cooling							
		rant, Extent : Light, Area		80%			
	Location:	lst Floor Equipment Roon	ı				
Int Pkg Unit -	20%		2022	\$38,800	2	\$100	
Heating/Cooling							
		rant, Extent : Light, Area		20%			
	Location :	lst Floor Equipment Roon	ı				
Heat Rejection	1000/		2024	#40.700	2	Ø 6 200	
Dry Cooler	100%		2024	\$49,700	2	\$6,300	
Ventilation Distribution							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2.5	\$5,000	
Exhaust Fans	10070		LIFE		2-5	\$5,000	
Interior	90%		2024	\$29,200	2	\$300	
Roof	10%		2024	\$1,500	2	\$300	
Plumbing	1070		2024	ψ1,500			
H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater							
Gas Fired	100%		2022	\$5,600	2	\$100	
Sanitary Piping				-			
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : RYDER BRANCH LIBRARY
Address : 5902 23RD AVE. @59 STREET

Borough : BROOKLYN Agency's Number : 80

Area Sq Ft : 10,690 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 20-Sep-2017 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 6548 Lot : 37 BIN : 3172049

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$226,900	
Interior Architecture	\$64,500	
Electrical	\$125,800	\$35,000
Mechanical	\$40,700	\$306,600
Total	\$457,900	\$341,600
Importance Code A	\$226,900	
Importance Code B	\$231,000	\$341,600
Total	\$457,900	\$341,600

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$26,100		\$300	
Interior Architecture	\$14,300	\$100		\$900
Electrical	\$15,800	\$700	\$24,100	\$800
Mechanical	\$5,100	\$2,000	\$25,400	\$2,000
Total	\$61,300	\$2,800	\$49,800	\$3,700
Importance Code A	\$26,800	\$500	\$20,100	\$500
Importance Code B	\$34,500	\$2,200	\$29,700	\$3,200
Importance Code C		\$100		
Total	\$61,300	\$2,800	\$49,800	\$3,700



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.

Asset #: 13265

Architecture	Current Repair	Future Repla	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
exterior						
Exterior Walls	00/	LIDE	ala ala	-	#2.400	
Cast in Place Concrete	8%	LIFE	* *	5 5	\$3,400	
Masonry: Brick Metal Panel	90% 2%	LIFE 2039	* *	5 5-10	\$7,500 \$1,200	
Windows	270	2039		3-10	\$1,200	
Aluminum	100% Now \$2 Air Infiltration, Extent: Moder Location: Throughout Weather Strip Missing, Extent:		* * d : 100%	5	\$1,400	
	Location: Throughout					
Roof						
Modified Bitumen	100% Now \$22 Blisters, Extent: Moderate, Ar Location: Throughout Patching Evident, Extent: Mod Location: Throughout		**			
	Ponding, Extent : Moderate, An	rea Affected : 5%				
	Location: Throughout Seams Open/Split, Extent: Mod Location: Throughout	derate, Area Affected : 20	0%			
	Water Penetration, Extent : Mo Location : Various Locations		0%			
Soffits						
Cast in Place Concrete	100%	LIFE	* *	5		
terior						
Floors Cast in Place Concrete	7%	LIFE	* *	5	¢1 200	
Cast in Place Concrete Ceramic Tile	3% 0-2	\$500 2038	* *	5 5	\$1,300 \$100	
Ceramic The	Broken/Missing Elements, Exte Location: Toilets			3	\$100	
	Joint Mortar Miss/Erod, Extend Location: Toilets	t : Moderate, Area Affect	ed : 10%			
Quarry Tile	5%	2042	* *	5	\$600	
Vinyl Tile	85% Now \$6 Cracking/Crumbling, Extent: I Location: Throughout Water Penetration, Extent: Mo Location: Corridor			3	\$2,600	
	Worn/Eroded, Extent : Modera Location : Throughout	te, Area Affected : 25%				
Interior Walls						
Ceramic Tile	3%	2038	* *	5	\$200	
Concrete Masonry Unit	40%	LIFE	* *	5	\$1,200	
Gypsum Board	47%	LIFE	* *	5	\$2,100	
Masonry: Brick	10%	LIFE	* *			

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.

Asset #: 13265

Architecture		Current F	Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	Staining/D Location Worn/Erod	: Through led, Extent	: Moderate, Area			5	\$1,400	
	Location	: Through	out					
AcousTileSusp.Lay-In	Staining/D Location Water Pen Location	: Through etration, E. : Various	\$7,200 Extent : Moderate out xtent : Light, Area Locations Through : Moderate, Area	Affected out	1:5%	5	\$2,100	
	Location	: Through	out					
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board		0-2 Cracks, E. : Main Pu	\$500 xtent : Light, Area blic Space	LIFE Affected	* *	5	\$1,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2064	* *			
Site Pavements Public Sidewalk Cast in Place Concrete	100%			2042	* *			
On-Site Walkways	10070			2012				
Cast in Place Concrete	100%			2046	* *			

lectrical	Current Repair	Future	Future Replacement		aintenance	
ystem Component Type	% of Fail Date Estimat Total (Years)	red Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2029	\$1,600	5	\$300	
	Other Observation, Extent : Li	ght, Area Affected	: 100%			
	Location : Electrical Room					
	Explanation: One 350 Ampe	res Main Disconne	ect Switch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2029	\$35,000	5	\$300	
Raceway						
Conduit	95%	2029	\$32,300	1		
Conduit	5%	2049	* *	1		
Panelboards						
Fused Disc Sw	5%	2028	\$800	5		
Molded Case Bkrs	75%	2028	\$12,100	5	\$200	
Molded Case Bkrs	20%	2045	* *	5	\$100	

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.

Asset #: 13265

Electrical		Current F	lepair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	\$15,000	2054	* *	1		
		_	nt : Moderate, Are	a Affecte	ed : 100%			
	Location	: Through	out The Building					
Thermoplastic	20%			2049	* *	1		
Thermoplastic	30%			2029	\$9,000	1		
Motor Controllers								
Locally Mounted	100%			2027	\$32,700	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
LED	70%			2039	* *			
LED	30%			2024	\$125,800			
			xtent : Light, Area	Affected	! : 100%			
	Location	: First Flo	or					
	Explanat	ion : LED I	Bulb Are New But	The Fixt	ures Are Old			
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	\$1,300	
Exit, LED	30%			2069	* *	1		
Exit, Service	20%			2034	* *	1		
Exterior Lighting								
HID	50%			2024	\$21,900	10		
LED	50%			2039	* *			
Alarm								
Security System								
No Component	50%							
Generic	50%			2037	* *	1	\$2,000	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2037	* *	1-3	\$4,800	

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	1 Cost Year Estimated Cos FY	Cycle Estimated Cost (Yrs)	Priority
Heating Energy Source Natural Gas	100%	2039 *:	* 1	

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.

Asset #: 13265

Mechanical		Current Re	epair	<u>Futur</u>	e Replacement	M	aintenance	
System Component	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Type	1 Otal	(1 cars)		1, 1		(113)		
Heating								
Conversion Equipment	500 /			2024	#12 000		Φ2 (00	
Furnace	50%	.: F		2024	\$12,800	1	\$2,600	
	Location	: 1st Floor	tent : Light, Area Equipment Room		: 30%			
		ion : 3 Units						
Furnace		Now	\$300	2024	\$6,400	1	\$1,200	
			tent : Severe, Are	ea Affecte	d : 25%			
	Location	-	6 D I I	D . I	TT		D . W . I	
		ion : One Ro	ooftop Package U		Heat And Air Con			
Hot Water Boiler	25%			2034	**	1	\$1,300	
			tent : Light, Area		: 25%			
			Equipment Room					
Distribution	Ехріапаі	ion : 1 Unit						
Hot Wtr Piping/Pump	25%			2037	* *	4	\$100	
No Component	75%			2037		7	\$100	
Terminal Devices	7570							
Convector/Radiator	25%			2034	* *	1	\$900	
No Component	75%						****	
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment								
Ext Pkg Unit -	30%	Now	\$2,000	2024	\$40,700	2	\$200	
Heating/Cooling	D 44 D 4.	_	~		2007			
		_	nt : Severe, Area	Affected	: 30%			
		: AC Does i	not Work, Roof					
Split Unit	70%			2029	\$162,100			
		_	nt : Light, Area A		/0%			
m : 1D :	Location	: 3 Units, 18	st Floor Equipme	nt Room				
Terminal Devices Fan Coil - 2 Pipe	70%			2029	¢144.500	1	\$2,400	
No Component	30%			2029	\$144,500	1	\$2,400	
Heat Rejection	3070							
Air Cooled Condenser	70%			2029	\$15,300	2	\$5,200	
Unit	7070			202)	Ψ13,500	2	Ψ5,200	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers		Now	\$2,000	LIFE	* *	2-5	\$6,000	
			xtent : Moderate,					
	Location	: Top Of Ch	iildren Area Ceili	ing, Caus	sing Condensate D	rips.		
Exhaust Fans								
Interior	50%			2029	\$19,300	2	\$200	
Roof	25%			2024	\$4,500	2	\$100	
Roof	25%			2034	* *	2	\$100	

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.

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	Curre	nt Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Dark Total (Year	ate Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater							
Gas Fired	100%		2027	\$6,600	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : SARATOGA BRANCH LIBRARY

Address : 8 THOMAS S BOYLAND ST. @MACON ST.

Borough : BROOKLYN Agency's Number : 57

Area Sq Ft : 10,690 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 24-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,mz

Block : 1498 Lot : 35 BIN : 3040218

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$38,700	
Interior Architecture	\$97,300	
Mechanical		\$372,000
Total	\$136,000	\$372,000
Importance Code A	\$38,700	
Importance Code B	\$97,300	\$372,000
Total	\$136,000	\$372,000

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$18,200			
Interior Architecture	\$21,800	\$800	\$600	\$1,300
Electrical	\$400	\$300	\$11,600	\$500
Mechanical	\$12,600	\$3,100	\$2,300	\$3,300
Site Enclosure	\$3,300			
Site Pavements	\$3,500			
Total	\$59,700	\$4,200	\$14,500	\$5,200
Importance Code A	\$18,700	\$500	\$600	\$500
Importance Code B	\$13,600	\$3,200	\$14,000	\$4,600
Importance Code C	\$27,400	\$500		
Total	\$59,700	\$4,200	\$14,500	\$5,200



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 Repa	nir	Futur	e Replacement	N	laintenance	
System Component Type		ail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Masonry: Brick			\$38,700 Extent : Moder	LIFE ate, Area	* * a Affected : 10%	5	\$11,800	
		ration, Extent Throughout	t : Moderate, A	Area Affe	cted : 10%			
Masonry: Limestone Metal Panel	20% 5%		\$1,200	LIFE 2039	* * * * * * * * * * * * * * * * * * * *	3	\$2,400 \$1,500	
	Location : Deteriorated	Metal Panel l Finish, Exte	t : Moderate, A Covers At Sou nt : Moderate, Covers At Sou	th And E Area Aff	ast Facades fected : 25%			
Windows								
Glass Block	5%			LIFE	* *	5	\$100	
Metal Louvers	2%			2038	* *	10	\$500	
Wood	93%			2037	* *	5	\$34,000	
Parapets Masonry: Limestone	100%			LIFE	* *	5	\$3,300	
Roof Slate	100%			LIFE	* *			
Soffits Cast Stone/Terra Cotta	100%			LIFE	* *	5		
nterior Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$2,700	
Ceramic Tile	5%			2038	* *		\$600	
	Worn/Erode	d, Extent : Lig Toilets Throu	ght, Area Affeo Ighout				****	
Vinyl Tile	85%	Now	\$97,300	2039	* *	3	\$4,000	
·	Location : Worn/Erode	At Main Entr	ent : Moderate vance oderate, Area		•			
Interior Walls								
Ceramic Tile	5%			2038	* *	5	\$1,100	
Concrete Masonry Unit	5%			LIFE	* *	5	\$400	
Masonry: Brick	Diagonal Cr Location: Water Penet Location:	Area Way ration, Exten Area Way	\$8,900 : Moderate, Ar t : Moderate, A	Area Affe	cted : 5%			
Plaster	Location : Water Penet	umbling, Exte Throughout	\$12,900 ent : Moderate t : Moderate, A			5	\$4,400	

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 I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings								
AcousTileSusp.Lay-In	10%			2034	* *	5	\$1,200	
Plaster	85%			LIFE	* *	5	\$6,600	
Wood	5%			LIFE	* *	5	\$5,400	
ite Enclosure Fence/Gates								
Iron Picket	100%	0-2	\$3,300	2049	* *			
	Corrosion		xtent : Moderate, 2		ected : 15%			
Free Standing Walls								
Masonry: Brick	100%			2039	* *			
Retaining Walls Cast in Place Concrete	100%			2049	* *			
ite Pavements Public Sidewalk								
Cast in Place Concrete	100%	Now	\$1,200	2034	* *			
	_	Crumbling, : Through	Extent : Moderate	, Area Ą	ffected : 5%			
		bsiding, Ex	ctent : Moderate, A	rea Affe	cted : 5%			
On-Site Walkways								
Cast in Place Concrete	Cracking/	Now Crumbling, : Through	\$1,400 Extent : Moderate out	2034 e, Area A	* * ffected : 10%			
Masonry: Granite	10%	4+	\$900	LIFE	* *			
,		tar Miss/Er : Entry Sta	od, Extent : Moder air	ate, Are	a Affected : 10%			
Pavers/Stone	40%			2032	* *			
Parking/Driveway Asphalt	100%			2032	* *			

Electrical	Current Repair	Future Replacemer	nt	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co	ost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2049	* *	5		
	Other Observation, Extent : Light, Area	a Affected : 100%				
	Location: Electrical Room					
	Explanation: One 400 Amperes Main	n Disconnect Switch				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2049	* *	5	\$300	
Raceway						
Conduit	100%	2049	* *	1		

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 Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estim FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards						
Fused Disc Sw	5%	2045	* *	5		
Molded Case Bkrs	95%	2045	* *	5	\$300	
Wiring	1000/	2040	.			
Thermoplastic	100%	2049	* *	1		
Motor Controllers	100%	2042	* *	_	¢100	
Locally Mounted	100%	2042		5	\$100	
Ground Grounding Devices						
Generic Generic	100%	LIFE	* *	5	\$200	
Lighting	10070	LIFE		5	Ψ200	
Interior Lighting						
Fluorescent	70%	2034	* *	10	\$6,900	
	T-12 Lamps And Fixtures, Extent : Location : Throughout The Build	Light, Area Affected	: 100%		V = J.	
Fluorescent	25%	2034	* *	10	\$2,500	
	T-8 Lamps And Fixtures, Extent : I Location : Throughout The Build		100%			
Fluorescent	2%	2034	* *	10	\$200	
	Compact Fluorescent Light, Exten Location : Boiler And Storage Ro		ed : 100%			
Fluorescent	3%	2034	* *	10	\$300	
	T-9 Lamps And Fixtures, Extent : I Location : Hallways	Light, Area Affected :	100%			
Egress Lighting						
Emergency, Battery	50%	2034	**	10	\$1,300	
Exit, Service	50%	2034	* *	1		
Exterior Lighting	1000/	2024	* *	10		
HID	100%	2034	* *	10		
Alarm						
Security System No Component	70%					
Generic	30%	2034	* *	1	\$1,200	
Generie	Other Observation, Extent : Light,		6	1	Ψ1,200	
	Location : Inside And Outside Th					
	Explanation : CCTV Surveillance	Ü	Alarm And N	Motion S	Sensor	
Fire/Smoke Detection	*	*				
No Component	70%					
Generic, Digital	30%	2037	* *	1-3	\$2,000	

Mechanical	Cur	rent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Total (Ye	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		

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		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Conversion Equipment							
Hot Water Boiler	Location	ervation, Extent : Light, Ared : Basement Boiler Room ion : 1 Unit	2034 a Affected	* * : 100%	1	\$5,300	
Distribution							
Hot Wtr Piping/Pump	100%		2037	* *	4	\$500	
Terminal Devices							
Air Handler	40%		2029	\$61,000	1	\$2,600	
Convector/Radiator	60%		2034	* *	1	\$2,100	
Air Conditioning		<u> </u>					
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Reciprocating	100%		2029	\$92,100	1	\$5,000	
Compr/Chiller							
	R-22 Refri	gerant, Extent : Light, Area A	Affected :	100%			
	Location	: 2 Units. 2nd Floor New Ex	tension				
Terminal Devices							
Air Handler/Dir	100%	0-2 \$6,100	2029	\$121,300	1		
Expansion							
	Leak Evide	nt, Extent : Moderate, Area	Affected :	5%			
	Location	: Bottom Of The Unit, Baser	nent				
Heat Rejection							
Dry Cooler	100%		2029	\$59,000	2	\$7,400	
Ventilation							
Distribution							
Ductwork/Diffusers	100%	0-2 \$5,000	LIFE	* *	2-5	\$6,000	
	Unbalance	d System, Extent : Moderate	, Area Aff	ected : 20%			
	Location	: Various Locations					
Exhaust Fans							
Interior	100%		2029	\$38,600	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater							
Gas Fired	100%		2027	\$6,600	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Vertical Transport							

Vertical Transport

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	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority

Vertical Transport

Elevators

Hydraulic 100% LIFE **

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

Location : Basement To 1st Floor Explanation : One Hydraulic Chair Lift

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : SPRING CREEK BRANCH LIBRARY

Address : 12143 FLATLANDS AVE. @NEW JERSEY AVENUE

Borough : BROOKLYN Agency's Number : 85

Area Sq Ft : 7,500 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 05-Mar-2019 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 4413 Lot : 25 BIN : 3098071

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$54,600	
Interior Architecture		\$90,600
Total	\$54,600	\$90,600
Importance Code A	\$54,600	
Importance Code B		\$90,600
Total	\$54,600	\$90,600

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$21,100			\$8,000
Interior Architecture	\$30,100	\$5,300		\$1,200
Electrical	\$100	\$100	\$100	\$1,200
Mechanical	\$2,100	\$900	\$2,500	\$7,600
Site Pavements	\$7,500			
Total	\$60,900	\$6,300	\$2,600	\$18,000
Importance Code A	\$21,500	\$400	\$400	\$8,500
Importance Code B	\$39,400	\$5,900	\$2,200	\$9,600
Importance Code C				
Total	\$60,900	\$6,300	\$2,600	\$18,000



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 SPRING CREEK BRANCH LIBRARY

Asset #: 13267

Architecture	Current Repair		Future	Future Replacement		Maintenance	
System Component Type		Fail Date Estimated (Years)	l Cost Year 1 FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	000/			di di	_	44.	
Masonry: Brick		2-4 \$21 r Miss/Erod, Extent Throughout	,100 LIFE Moderate, Area	* * Affected : 25%	5	\$12,900	
Metal Panel	10%		2040	* *	5-10	\$11,100	
Metal: Cage/Fence	5%		2035	* *	5	\$3,500	
Window Wall	5%		2040	* *	5	\$3,000	
Parapets						42,000	
Masonry: Brick	50%		LIFE	* *	5	\$900	
Metal Panel	50%		2050	* *	5	\$3,400	
Roof							
Modified Bitumen		ent : Moderate, Ared	1,600 2035 a Affected : 20%	* *			
Chuliaht Matal/Class	10%	Throughout	2050	* *	10	\$6,000	
Skylight, Metal/Glass Soffits	10%		2030		10	\$6,900	
Stucco Cement	100%		2035	* *	5		
Interior	10070		2033				
Floors							
Cast in Place Concrete	_	0-2 rumbling, Extent : M Boiler Room	\$600 LIFE oderate, Area Affo	* * ected : 10%	5	\$1,200	
Ceramic Tile	Location : Worn/Erode	4+ \$2 rumbling, Extent: La Toilets Throughout rd, Extent: Light, Ar Toilets Throughout			5	\$300	
Vinyl Tile	Location : Patching Ev Location : Worn/Erode	4+ \$2' n Surface, Extent : L Throughout vident, Extent : Light Throughout vid, Extent : Light, Ar Throughout	. Area Affected : 1	0%	3	\$3,700	
Interior Walls							
Concrete Masonry Unit	90%		LIFE	* *	5	\$4,100	
Masonry: Brick	10%		LIFE	* *			
Ceilings	0.707		• • • •	ata - *	_	4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	
AcousTileSusp.Lay-In	95%		2043	* *	5	\$10,600	
Exposed Struc: Steel	5%		LIFE	* *			
Site Enclosure							
Fence/Gates Iron Picket	100%		2065	* *			
Site Pavements	100/0		2003				

Site Pavements

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 SPRING CREEK BRANCH LIBRARY

Asset #: 13267

Architecture	tecture Current Repair		uture Replacement N		Maintenance		Maintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Yea	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100% 2-4	\$7,500 2043	* *						
	Cracking/Crumbling, Exten	t : Light, Area Affe	cted : 10%						
	Location : Along Flatland	ls Avenue							
On-Site Walkways									
Cast in Place Concrete	25%	2043	**						
Pavers/Stone	75%	2039	* *						

Electrical	Current Repair	Future	e Replacement	M		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2050	* *	5	\$200	
	Other Observation, Extent : Ligh	t, Area Affected	: 100%			
	Location : Electrical Room					
	Explanation: One 400 Ampere	Main Disconne	ct Switch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2050	* *	5	\$200	
Raceway						
Conduit	100%	2050	* *	1		
Panelboards						
Fused Disc Sw	10%	2046	* *	5		
Molded Case Bkrs	90%	2046	* *	5	\$200	
Wiring						
Thermoplastic	100%	2050	* *	1		
Motor Controllers						
Locally Mounted	50%	2043	* *	5		
Variable Frequency	50%	2043	* *			
Drive						
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
ighting						
Interior Lighting						
LED	100%	2035	* *			
Egress Lighting						
Emergency, Battery	50%	2035	* *	10	\$900	
Exit, Service	50%	2035	* *	1		
Exterior Lighting						
HID	50%	2035	* *	10		
	Other Observation, Extent : Ligh	t, Area Affected	: 100%			
	Location : Outside Perimeter					
	Explanation: Controlled Via P	Photocell				
No Component	50%					

Alarm

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 SPRING CREEK BRANCH LIBRARY

Asset #: 13267

Electrical	Current I	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)		Year Estimated (FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm							
Security System							
No Component	70%						
Generic	30%	20	035	* *	1	\$800	

Mechanical	Current Repair		Futur	e Replacement	M		
System Component Type	% of Fail I Total (Yea	Oate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2050	* *	1		
Conversion Equipment Hot Water Boiler	100%		2035	* *	1	\$3,700	
Distribution	10070		2033			ψ3,700	
Hot Wtr Piping/Pump	100%		2038	* *	4	\$600	
Terminal Devices	10070				-	\$000	
Convector/Radiator	5%		2035	* *	1	\$100	
No Component	95%		_,_,		_	4	
2.12 2.22 . 4		on, Extent : Light, Area	Affected	: 0%			
	Location : Med	-					
	Explanation : A	Air Handler Is Covered	Under A	ir Conditioning Sy.	stem		
Air Conditioning	•			<u> </u>			
Energy Source							
Electricity	100%		2046	* *	1		
Terminal Devices							
Air Handler/Cool/Ht	100%		2038	* *	1	\$4,600	
		on, Extent : Light, Area	Affected	: 100%			
	Location : Med						
	Explanation : 1	New Equipment					
Heat Rejection	1000/		2020	* *	2	#5.200	
Air Cooled Condenser Unit	100%		2038	* *	2	\$5,200	
	Other Observation	on, Extent : Light, Area	Affected	: 100%			
	Location : Med	hanical Room					
	Explanation : 1	New Equipment					
Ventilation	-						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,200	
Exhaust Fans							
Interior	10%		2030	\$2,700	2		
Roof	90%		2035	* *	2	\$200	
Plumbing							
H/C Water Piping							
Brass/Copper	20%		2050	* *	1		
Galvanized Steel	80%		2043	* *	1		

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 SPRING CREEK BRANCH LIBRARY

Asset #: 13267

Mechanical	Current Repair	Future Repla	cement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing						
Water Heater						
Electric	100%	2025	\$6,700	4		
	Other Observation, Extent : Light, Are	55				
	Location: 1st Floor Mechanical Roo	om .				
	Explanation: 40 Gallon Unit					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : STONE AVENUE BRANCH LIBRARY

Address : 581 MOTHER GASTON BLVD. @ DUMONT AVE.

Borough : BROOKLYN Agency's Number : 26

Area Sq Ft : 14,252 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 27-Oct-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,Mez

Block : 3794 Lot : 18 BIN : 3084596

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$41,400	
Interior Architecture	\$88,900	
Electrical	\$3,100	\$35,000
Total	\$133,500	\$35,000
Importance Code A	\$41,400	
Importance Code B	\$92,000	\$35,000
Total	\$133,500	\$35,000

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture				\$3,300
Interior Architecture	\$52,500			\$3,700
Electrical	\$11,600	\$1,100	\$16,000	\$1,300
Mechanical	\$8,100	\$2,000	\$4,600	\$2,300
Site Enclosure	\$7,600			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$83,700	\$7,000	\$24,600	\$14,500
Importance Code A	\$700	\$700	\$800	\$4,000
Importance Code B	\$65,200	\$6,300	\$23,800	\$10,500
Importance Code C	\$17,800			
Total	\$83,700	\$7,000	\$24,600	\$14,500



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.

Asset #: 13268

rchitecture		Current Repair F		Futur	Future Replacement		Maintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$25,000	
Masonry: Limestone	15%			LIFE	* *	5	\$3,300	
Windows								
Aluminum	100%			2045	* *	5	\$6,500	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	\$3,500	
Masonry: Limestone	15%			LIFE	* *	5	\$800	
Roof								
Modified Bitumen	100%	Now	\$41,400	2034	* *			
	Blisters, E	xtent : Mod	derate, Area Affect	ed : 15%				
	Location	: Over Sec	cond Floor					
	Seams Op	en/Split, Ex	tent : Moderate, A	rea Affec	eted : 15%			
	Location	: Over Sec	cond Floor					
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
erior								
Floors								
Carpet	20%			2028	\$45,300	3	\$6,500	
Carpet	10%	Now	\$22,600	2031	\$22,600	3	\$2,500	
	Worn/Ero	ded, Extent	: Severe, Area Aff	ected : 10	00%			
	Location	: Multipur	pose Room					
Cast in Place Concrete	3%			LIFE	* *	5	\$1,100	
Ceramic Tile	5%			2042	* *	5	\$800	
Vinyl Tile		Now	\$88,900	2039	* *	3	\$3,600	
J			tent : Light, Area A		25%		+-,	
		: Through		55				
		_	: Light, Area Affed	cted : 309	%			
		: Through						
Wood		Now	\$17,500	2069	* *	5	\$500	
Wood			nt : Severe, Area A		50%	3	Ψ500	
	-	-	ia : Severe, mea n ical Room On Seco	-				
			ıt, Extent : Severe,					
	v		ical Room On Seco					
			xtent : Severe, Are					
			ical Room On Seco					
Interior Walls	Locuitor	. mccnuni	cai Room On Seco	1 1001				
Ceramic Tile	5%			2042	* *	5	¢1 100	
					* *	5	\$1,100 \$2,700	
Gypsum Board	20%	A 1	¢0.700	LIFE	* *	5	\$2,700	
Plaster	50% Watan Par	4+	\$9,700	LIFE Affacted		5	\$3,400	
		ietration, E i : Near Wi	xtent : Light, Area	Ајјестеа	. 5/0			
		i. ivear Wi	naow					
Wood	25%			LIFE	* *	5	\$22,300	

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.

Asset #: 13268

Architecture		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Gypsum Board	15%			LIFE	* *	5	\$3,100	
Plaster	80%			LIFE	* *	5	\$8,200	
Plaster	5%			LIFE	* *	5	\$500	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	\$7,600	2064	* *			
		issing Eleme 1 : Dumont A	ents, Extent : Seve Ivenue	re, Area	Affected : 5%			
		/Rusting, Ex : Various	tent : Severe, Are	a Affecte	ed : 20%			
		0 .	nt : Severe, Area A aston Boulevard	Affected :	5%			
Retaining Walls								
Cast in Place Concrete	100%			2049	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%			2034	* *			
Pavers/Stone	10%			2032	* *			

ectrical	Current Repair	Future	Replacement	М	aintenance	
stem Component Type	% of Fail Date Estimated Cos Total (Years)	Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	50%	2029	\$800	5		
	Other Observation, Extent: Light, Ar	ea Affected :	100%			
	Location : Electrical Room					
	Explanation : No Available Namepl	ate Rating C	apacity			
Molded Case Bkrs	50%	2029	\$800	5	\$200	
	Other Observation, Extent : Light, Ar	ea Affected :	100%			
	Location : Basement					
	Explanation : Main Service Disconn	iect Rated At	t 400 Amperes			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2029	\$35,000	5	\$400	
Raceway						
Conduit	80%	2029	\$27,200	1		
Conduit	20%	2049	* *	1		
Panelboards						
Fused Disc Sw	10%	2045	* *	5		
Molded Case Bkrs	70%	2028	\$11,300	5	\$300	
Molded Case Bkrs	20%	2045	* *	5	\$100	
Wiring						
Thermoplastic	20%	2049	* *	1		
Thermoplastic	80%	2029	\$24,000	1		

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.

Asset #: 13268

Electrical	Current Repair	Future R	eplacement	Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Inder 600 Volts							
Motor Controllers							
Locally Mounted	100%	2042	* *	5	\$100		
Ground							
Grounding Devices							
Generic	100% 2-4 \$10,300 Other Observation, Extent: Moderate, Location: Metal Water Pipe Explanation: Corroded	LIFE Area Affecte	* * d : 100%	5	\$200		
ighting	Espianation : Corroaca						
Interior Lighting							
Fluorescent	5%	2034	* *	10	\$700		
	T-8 Lamps And Fixtures, Extent : Ligh Location : Mezzanine	t, Area Affect	ed : 100%		****		
Fluorescent	90%	2034	* *	10	\$11,800		
	Other Observation, Extent : Light, Are Location : Throughout The Building Explanation : Compact Fluorescent I	a Affected : 1			4 2 3,0 0 0		
Fluorescent	2%	2024	\$3,100	10	\$300		
	T-12 Lamps And Fixtures, Extent : Lig Location : Mechanical Room	ht, Area Affec	ted : 100%				
Fluorescent	3%	2034	* *	10	\$400		
	T-9 Lamps And Fixtures, Extent : Ligh Location : Basement	t, Area Affect	ed : 100%				
Egress Lighting							
Emergency, Battery	50%	2034	* *	10	\$1,700		
Exit, LED	50%	2057	* *	1			
Exterior Lighting							
HID	25%	2029	\$14,600	10			
No Component	75%						
larm							
Security System							
No Component	70%						
Generic	30%	2034	* *	1	\$1,600		
	Other Observation, Extent : Light, Are Location : Reading Areas And Hallw Explanation : CCTV Surveillance Ca	ays	00%				
Fire/Smoke Detection							
Generic, Digital	100%	2037	* *	1-3	\$9,000		
, 3	Other Observation, Extent : Light, Are Location : Throughout The Building		00%				
	Explanation : Strobe Lights, Manual	Pull Stations.	Alarm Bells, S	moke De	tectors And Horns		

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

Asset #: 13268

Mechanical	Current R	epair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source	1000/		20.40	* *			
Natural Gas	100%		2049	* *	1		
Conversion Equipment Hot Water Boiler	100%	2	2042	* *	1	\$7,100	
Hot water Boller	Other Observation, Ex			: 100%	1	\$7,100	
	Location : Basement		,				
	Explanation: 1 Unit						
Distribution							
Hot Wtr Piping/Pump	100%	2	2045	* *	4	\$700	
Terminal Devices							
Air Handler	60%		2034	* *	1	\$5,300	
Convector/Radiator	40%	2	2042	* *	1	\$1,800	
Air Conditioning Energy Source							
Energy Source Electricity	100%	7	2045	* *	1		
Conversion Equipment	10070		20 13				
Reciprocating Compr/Chiller	75%	2	2034	* *	1	\$5,000	
	Other Observation, Ex Location : Second Fl Explanation : Refrig	oor Mechanical Roo		: 100%			
Exterior Pkg Unit - Cooling	25%		2034	* *	2	\$200	
Cooling	Other Observation, Ex Location : Roof Explanation : Refrigo		fected	: 100%			
Terminal Devices	1 , 0						
Air Handler/Dir Expansion	75%	2	2037	* *	1		
No Component	25%						
Heat Rejection Air Cooled Condenser Unit	75%	2	2034	* *	2	\$7,400	
No Component	25%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%	I	LIFE	* *	2-5	\$7,900	
Exhaust Fans	1000/ 37	Φ2 (00	2025	* *	•	#200	
Interior	100% Now Other Observation, Ex Location: Basement Explanation: No Ven	tent : Light, Area Af Electrical Room	2037 Fected		2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%	2	2049	* *	1		
Water Heater	1000/		.027	Φ0.000	2	ф 2 00	
Gas Fired	100%		2027	\$8,800	2	\$200	

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	Cu	rrent Repair	Futur	e Replacement	Maintenance		
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Sanitary Piping							
Cast Iron	100% N	ow \$2,100	LIFE	* *	1		
	Other Observa	tion, Extent : Severe, Are	a Affecte	ed : 3%			
	Location : Bo	sement Male Restroom					
	Explanation .	Water Backs Up From S	Sewage L	Prain			
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
•	Other Observa	tion, Extent : Light, Area	Affected	: 100%			
	Location : Bo	sement, 1, Mezzanine, 2	Floor				
	Explanation .	1 Unit					

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : ULMER PARK BRANCH LIBRARY
Address : 2602 BATH AVE. @26TH AVENUE

Borough : BROOKLYN Agency's Number : 71

Area Sq Ft : 8,133 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 17-Jul-2019 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 6897 Lot : 35 BIN : 3186777

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture		\$38,000
Total		\$38,000
Importance Code A		\$38,000
Total		\$38,000

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$300	\$3,300		
Interior Architecture	\$17,800	\$1,600		
Electrical	\$5,500	\$500	\$400	\$1,700
Mechanical	\$800	\$500	\$1,100	\$7,800
Site Pavements	\$20,300			
Total	\$44,700	\$6,000	\$1,400	\$9,500
Importance Code A	\$5,800	\$3,700	\$400	\$400
Importance Code B	\$18,600	\$2,300	\$1,000	\$9,100
Importance Code C	\$20,300			
Total	\$44,700	\$6,000	\$1,400	\$9,500



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 ULMER PARK BRANCH LIBRARY

Asset #: 13270

Septem S		laintenance	Ma	nt	e Replacemer	Futur	Current Repair		Architecture
Exterior Walls	ost Priority	Estimated Cost		Cost	Estimated C				Component
Concrete Masonry Unit Masonry: Brick 70% LIFE ** 5 \$300	•								terior
Masonry: Brick 70%									
Stucco Cement Stucco Cement 25% 2043 ** 5 \$6,700									•
Stucco Cement 25% 2043 * * 5 \$6,700	0	\$7,500	5	* *					Masonry: Brick
Recent Repair Evident, Extent: Light, Area Affected: 100% Location: Throughout					cted : 100%			Location .	
Now 100% 2052 ** 5 \$600	0	\$6,700	5	* *					Stucco Cement
Aluminum					cted : 100%	rea Affec	_	_	
Recent Replace Evident, Extent: Light, Area Affected: 100%									Windows
Parapets Masonry: Brick 95% LIFE * * 5 \$1,000 Pre-Cast Concrete 5% LIFE * * 5 \$300 Roof	0	\$600	5	* *					Aluminum
Masonry: Brick 95%					ected : 100%	Area Affe	-	_	
Pre-Cast Concrete 5% LIFE ** 5 \$300	0	#1 000	-	* *		LIEE		0.507	
Roof Traffic Topping									•
Traffic Topping	0	\$300	5	* *		LIFE		5%	
Note Now \$12,000 LIFE ** 5 \$1,900	0	\$38,000	10	* *				Recent Rep	
Metal Panel 100% 2056 ** 5-10	_						- Throughout	Zotanon .	Soffits
Cast in Place Concrete 7% Now \$12,000 LIFE ** 5 \$1,900			5-10	* *		2056		100%	
Cast in Place Concrete 7% Now \$12,000 LIFE ** 5 \$1,900									erior
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									Floors
Location : Basement Other Observation, Extent : Moderate, Area Affected : 100% Location : Boiler Room Explanation : Concrete Pavers Appear To Have Been Installed Over Soil.	0	\$1,900	5	* *			Crumbling, Extent : Moderate	Cracking/C	Cast in Place Concrete
Other Observation, Extent : Moderate, Area Affected : 100% Location : Boiler Room Explanation : Concrete Pavers Appear To Have Been Installed Over Soil. Ceramic Tile 5% 2043 * * 5 \$600 Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Bathrooms Location : Bathrooms Vinyl Tile 88% 2038 * * 3 \$4,000 Interior Walls Cast in Place Concrete 5% LIFE * * Concrete Masonry Unit 60% LIFE * * 5 \$1,400 Gypsum Board 35% LIFE * * 5 \$1,200 Ceilings AcousTileSusp.Lay-In 95% 2047 * * 5 \$11,600					d : 50%	a Affected	etration, Extent : Severe, Area	Water Pene	
Ceramic Tile 5% 2043 ** 5 \$600 Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Bathrooms 2038 ** 3 \$4,000 Interior Walls Cast in Place Concrete 5% LIFE ** Concrete Masonry Unit 60% LIFE ** 5 \$1,400 Gypsum Board 35% LIFE ** 5 \$1,200 Ceilings Acous Tile Susp. Lay-In 95% 2047 ** 5 \$11,600							: Boiler Room	Location .	
Note Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Bathrooms			er Soil.	ed Or	e Been Installe	· To Have	tion : Concrete Pavers Appear	Explanati	
Vinyl Tile 88% 2038 ** 3 \$4,000 Interior Walls Cast in Place Concrete 5% LIFE ** Concrete Masonry Unit 60% LIFE ** 5 \$1,400 Gypsum Board 35% LIFE ** 5 \$1,200 Ceilings AcousTileSusp.Lay-In 95% 2047 ** 5 \$11,600	0	\$600	5	* *			place Evident, Extent : Light, .	Recent Rep	Ceramic Tile
Interior Walls Cast in Place Concrete 5% LIFE ** Concrete Masonry Unit 60% LIFE ** 5 \$1,400 Gypsum Board 35% LIFE ** 5 \$1,200 Ceilings Acous TileSusp.Lay-In 95% 2047 ** 5 \$11,600	0	\$4 000	3	* *		2038			Vinyl Tile
Cast in Place Concrete 5% LIFE ** Concrete Masonry Unit 60% LIFE ** 5 \$1,400 Gypsum Board 35% LIFE ** 5 \$1,200 Ceilings Ceilings ** 5 \$11,600	-	41,000						3070	
Concrete Masonry Unit 60% LIFE ** 5 \$1,400 Gypsum Board 35% LIFE ** 5 \$1,200 Ceilings AcousTileSusp.Lay-In 95% 2047 ** 5 \$11,600				* *		LIFE		5%	
Gypsum Board 35% LIFE ** 5 \$1,200 Ceilings AcousTileSusp.Lay-In 95% 2047 ** 5 \$11,600	0	\$1.400	5	* *					
Ceilings AcousTileSusp.Lay-In 95% 2047 ** 5 \$11,600		•		* *					-
AcousTileSusp.Lay-In 95% 2047 ** 5 \$11,600		* - , - · ·	-						
	0	\$11.600	5	* *		2047		95%	•
Location: Throughout	-	÷11,000	-		ected : 100%		-	Recent Rep	
Plaster 5% LIFE ** 5 \$400	0	\$400	5	* *		LIFE	-		Plaster

Site Enclosure

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 ULMER PARK BRANCH LIBRARY

Asset #: 13270

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	\$20,300	2050	* *			
	Sinking/Su	ıbsiding, Ελ	ctent : Severe, Area	ı Affected	d : 100%			
	Location	: Through	out					

Electrical	Current Re	pair Futui	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100% 4+	\$5,100 2060	* *	5		
	Other Observation, Exte	ent : Light, Area Affectea	! : 100%			
	Location : Electrical I	Room				
	Explanation: One 200) Ampere Main Disconne	ect Switch Shows Se	ome Rust	And The Current	
	Transformer Cabinet I	Is Deteriorated And Rust	ed.			
Raceway						
Conduit	90%	2040	* *	1		
Conduit	10%	2056	* *	1		
Panelboards						
Fused Disc Sw	5%	2038	* *	5		
Molded Case Bkrs	30%	2052	* *	5	\$100	
Molded Case Bkrs	65%	2038	* *	5	\$100	
Wiring						
Thermoplastic	70%	2040	* *	1		
Thermoplastic	30%	2056	* *	1		
Motor Controllers						
Locally Mounted	100%	2035	* *	5	\$100	
Ground						
Grounding Devices						
Not Accessible	100%					
Lighting						
Interior Lighting						
Fluorescent	5%	2035	* *	10	\$400	
LED	95%	2038	* *			
Egress Lighting						
Emergency, Battery	50%	2035	* *	10	\$1,000	
Exit, Service	50%	2035	* *	1		
Exterior Lighting						
LED	100%	2038	* *			

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 ULMER PARK BRANCH LIBRARY

Asset #: 13270

Electrical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost 's)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm							
Security System							
No Component	70%						
Generic	30%		2038	* *	1	\$900	
Fire/Smoke Detection							
No Component	40%						
Generic, Digital	60%		2038	* *	1-3	\$3,000	

Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Electricity	10%	2040	* *	1		
Natural Gas	90%	2040	* *	1		
Conversion Equipment						
Furnace	100%	2035	* *	1	\$4,000	
	Other Observation, Extent : Light, 2	Area Affected : 1	00%			
	Location : Roof					
	Explanation: Two Gas Fired Pac	kaged Rooftop U	nit. See Air Co	nditionin	g Conversion	
A: G 1:::	Equipment.					
Air Conditioning						
Energy Source	1000/	2020	* *	1		
Electricity	100%	2038		1		
Conversion Equipment	100%	2035	* *	2	\$500	
Ext Pkg Unit - Heating/Cooling	100%	2033		2	\$300	
Ventilation						
Distribution						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,500	
Exhaust Fans	10070	LIFE		2-3	Ф- ,500	
Roof	100%	2030	\$13,700	2	\$300	
Plumbing	10070	2030	\$15,700		\$300	
H/C Water Piping						
Brass/Copper	100%	2040	* *	1		
Water Heater	10070	2040				
Electric	100%	2025	\$7,300	4		
Sanitary Piping	10070	2023	ψ1,500			
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	10070	Dir L		-		
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	10070	Dir L		1		
Submersible	100%	2022	\$300	4	\$300	
Fixtures	10070	2022	Ψ500		Ψ500	
Generic	100%					
Generic	100/0					

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : WALT WHITMAN BRANCH LIBRARY

Address : 93 SAINT EDWARDS ST. BETWEEN MYRTLE AND PARK AVES.

Borough : BROOKLYN Agency's Number : 62

Area Sq Ft : 7,482 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 22-Feb-2019 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Importance Code C

Total

Block : 2039 Lot : 1 BIN : 3058036

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Electrical		\$158,200
Mechanical		\$84,900
Total		\$243,100
Importance Code B		\$243,100
Total		\$243,100

FY 2022 FY 2024 **EXPENSE** FY 2023 FY 2025 **Exterior Architecture** \$300 Interior Architecture \$1,800 Electrical \$400 \$400 \$500 \$1,400 Mechanical \$1,800 \$600 \$2,200 \$5,200 Site Pavements \$4,100 Elevators/Escalators \$3,900 \$3,900 \$3,900 \$3,900 **Total** \$10,300 \$6,700 \$6,900 \$10,500 Importance Code A \$400 \$400 \$400 \$400 Importance Code B \$5,800 \$6,300 \$6,600 \$10,100

\$6,700

\$6,900

\$10,500

\$4,100

\$10,300



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.

Asset #: 13271

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority	
Exterior					
Exterior Walls					
Cast in Place Concrete	5%	LIFE **	5 \$3,500		
Masonry: Brick	70%	LIFE **	5 \$9,800		
	Recent Repair Evident, Extent: Light, Location: Throughout Elevations	Area Affected : 30%			
Masonry: Limestone	25%	LIFE **	5 \$2,600		
	Staining/Discoloring, Extent : Modera Location : Cornice	ate, Area Affected : 20%			
Windows	1000/				
Aluminum	100%	2046 **	5 \$3,100		
Roof	1000/	1100 **			
Slate	100% Recent Replace Evident, Extent: Ligh	LIFE			
	Location: Throughout	i, Area Affectea : 10076			
Interior					
Floors Cast in Place Concrete	30%	LIFE **	5 \$6,900		
Cast in Place Concrete Ceramic Tile	5%	2039 **	5 \$6,900 5 \$500		
Vinyl Tile	65%	2039	3 \$2,600		
Interior Walls	0370	2033	3 \$2,000		
Gypsum Board	20%	LIFE **	5 \$1,600		
Masonry: Brick	5%	LIFE **	3 \$1,000		
Plaster	75%	LIFE **	5 \$3,000		
Ceilings	70.70	211 2	\$2,000		
AcousTileSusp.Lay-In	20%	2043 **	5 \$1,800		
Exposed Struc: Steel	10%	LIFE **			
•	Other Observation, Extent : Light, Are Location : Book Stacks	ea Affected : 100%			
	Explanation: Underside Of Book Sta	ack Floor			
Gypsum Board	15%	LIFE **	5 \$1,700		
Plaster	55%	LIFE **	5 \$3,100		
Site Enclosure Fence/Gates					
Iron Picket	100%	2050 **			
Free Standing Walls					
Masonry: Fieldstone	100%	2040 **			
•	Other Observation, Extent : Light, Are Location : Front Entry	ea Affected : 100%			
	Explanation: This Is Actually Grant	ite			
Retaining Walls					
Cast in Place Concrete	40%	2050 **			
Masonry: Brick	60%	2040 **			
Site Pavements					
Public Sidewalk	1000/	2025 **			
Cast in Place Concrete	100%	2035 **			

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.

Asset #: 13271

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	50%	Now	\$1,400	2035	* *			
	U	0.	Extent : Moderate d Walkways	, Area Ą	ffected : 10%			
Masonry: Granite	50%			LIFE	* *			
Parking/Driveway								
Asphalt	100%	Now	\$2,800	2033	* *			
-	Cracking/	Crumbling,	Extent: Moderate	, Area Ą	ffected : 30%			
	Location	: Through	out					

Electrical	Current Re	pair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2030	\$1,600	5		
	Other Observation, Exte		fected	: 100%			
	Location : Electrical I						
	Explanation : Main Se	ervice Switches Rate	ed At 2	200 Amperes Each			
Switchgear / Switchboard							
Molded Case Bkrs	100%	2	2030	\$35,000	5	\$200	
Raceway							
Conduit	100%	2	2030	\$34,000	1		
Panelboards							
Molded Case Bkrs	25%		2038	* *	5	\$100	
Molded Case Bkrs	75%	2	2029	\$12,100	5	\$100	
Wiring							
Thermoplastic	100%	2	2040	* *	1		
Motor Controllers							
Locally Mounted	100%	2	2028	\$16,400	5	\$100	
Ground							
Grounding Devices							
Generic	100%	L	IFE	* *	5	\$100	
Lighting							
Interior Lighting							
Fluorescent	50%	_	2030	\$40,600	10	\$3,400	
	T-8 Lamps And Fixtures	_	ea Aff	ected : 100%			
	Location : Throughou	t The Building					
Fluorescent	5%	2	2030	\$4,100	10	\$300	
	Compact Fluorescent L Location : Basement	ight, Extent : Light,	Area	Affected : 100%			
Fluorescent	45%	2	2030	\$36,500	10	\$3,100	
	T-12 Lamps And Fixture Location : Throughou	es, Extent : Light, A		. ,	-	, , , , , , , , , , , , , , , , , , ,	

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.

Asset #: 13271

Electrical	Current Rep	oair Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Egress Lighting						
Emergency, Battery	50%	2035	* *	10	\$900	
Exit, Service	50%	2035	* *	1		
Exterior Lighting						
HID	50%	2030	\$15,300	10		
	Other Observation, Exte	nt : Light, Area Affected	d: 100%			
	Location : Perimeter					
	Explanation: Controll	ed Via Photocell				
No Component	50%					
Alarm						
Security System						
No Component	50%					
Generic	50%	2030	\$12,300	1	\$1,400	
	Other Observation, Exte Location: Inside Only		d : 100%			
	Explanation : Surveille	ance Cameras And Intra	sion Alarm System			
Fire/Smoke Detection	-		•			
No Component	50%					
Generic, Analog	50%	2030	\$42,000	1-3	\$2,300	
	Other Observation, Exte	nt : Light, Area Affected	·		•	
	Location : Throughout	The Building				
	Explanation : Smoke L	Detectors, Alarm Bells A	nd Manual Pull Sta	ıtion		

Mechanical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estir FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2040	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2035	* *	1	\$3,700	
	Other Observation, Extent : Light, Area	a Affected : 100	%			
	Location: Basement Boiler Room					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2038	* *	4	\$600	
Terminal Devices						
Convector/Radiator	80%	2035	* *	1	\$1,900	
No Component	20%					
Air Conditioning						
Energy Source						
Electricity	100%	2038	* *	1		

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.

Asset #: 13271

Mechanical		Current Re	pair	Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning									
Terminal Devices									
Air Handler/Dir	100%			2030	\$84,900	1			
Expansion	04 01	.: F.		1 100	. 1 200/				
			ent : Moderate, 2	4rea Ајје	ectea : 20%				
		: Basement							
II . D ''	Explana	tion : Hot wa	ter Heating Coil						
Heat Rejection Air Cooled Condenser	100%			2030	¢15 200	2	\$5,200		
Unit Cooled Condenser	100%			2030	\$15,300	2	\$5,200		
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,200		
Exhaust Fans									
Interior	100%			2030	\$27,000	2	\$200		
Plumbing									
H/C Water Piping									
Brass/Copper	100%			2040	* *	1			
Water Heater									
Gas Fired	100%			2025	\$4,600	2	\$100		
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping									
Cast Iron	100%			LIFE	* *	1			
Fixtures									
Generic	100%								
Vertical Transport									
Elevators									
Hydraulic	100%			LIFE	* *				
			ent : Light, Area	Affected	! : 100%				
		: Basement T							
	Explana	tion : One Un	eit						

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : WASHINGTON IRVING BRANCH LIBRARY

Address : 360 IRVING AVE. @WOODBINE ST.

Borough : BROOKLYN Agency's Number : 61

Area Sq Ft : 9,285 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 05-Jun-2019 Landmark Status : NONE

Areas Surveyed : Basement, Floors 1, Mez

Block : 3362 Lot : 32 BIN : 3076852

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$199,800	
Interior Architecture	\$100,900	
Electrical	\$38,000	\$35,000
Mechanical		\$431,800
Total	\$338,700	\$466,800
Importance Code A	\$199,800	
Importance Code B	\$75,100	\$466,800
Importance Code C	\$63,800	
Total	\$338,700	\$466,800

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$6,100			
Interior Architecture	\$4,000		\$700	\$1,100
Electrical	\$25,600	\$300	\$300	\$1,600
Mechanical	\$2,600	\$1,000	\$3,100	\$6,700
Site Enclosure	\$11,100			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$53,400	\$5,200	\$8,100	\$13,300
Importance Code A	\$6,600	\$500	\$500	\$500
Importance Code B	\$35,900	\$4,700	\$7,200	\$12,800
Importance Code C	\$11,000		\$500	
Total	\$53,400	\$5,200	\$8,100	\$13,300



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.

Asset #: 13272

Architecture		Current F	Repair	Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	Joint Morta Location Vegetation Location Water Pene	: Through Growth, E : West Fac etration, E	Extent : Severe, Ard cade xtent : Moderate, A	ea Affecte	ed : 50%	5	\$17,700	
	Location	: South Fa	ıcade					
Masonry: Limestone	Cracking/C Location Joint Morta Location Water Pene	: Front En ur Miss/Er : Through	od, Extent : Model out xtent : Moderate, 2	rate, Ared	a Affected : 15%	5	\$700	
Windows	1000/			• • • • •		_		
Aluminum Roof	100%			2046	* *	5	\$3,500	
Slate	Gut/DS No. Location Water Pene	: Over Me etration, E	\$83,800 iss, Extent : Moder zzanine xtent : Moderate, 2 ne, First Floor					
Slate	68%			LIFE	* *			
Interior								
Floors Cast in Place Concrete			: Light, Area Affe t Boiler Room	LIFE cted : 509	**	5	\$2,200	
Ceramic Tile	5%			2039	* *	5	\$500	
Vinyl Tile	85% Cracking/C	_	\$4,000 Extent : Light, Ar oor And Basement	2035	* * ed : 10%	3	\$3,300	
Interior Walls								
Ceramic Tile Masonry: Brick	5% 5%			2039 LIFE	* *	5	\$900	
Plaster	40% Broken/Mis Location Cracking/C Location Water Pene	: South Sid Frumbling, : South Sid etration, E.	\$63,800 ents, Extent: Mod de Of Main Floor A Extent: Severe, A de Of Main Floor A xtent: Severe, Are de Of Main Floor A	LIFE lerate, Ar And Base Area Affec And Base a Affecte	ment cted : 50% ment d : 50%	5	\$2,200	
Diagtor		511	0,		**	5	ድን የሰሳ	
Plaster	50%			LIFE		5	\$2,800	

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.

Asset #: 13272

Architecture		Current Repair		Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings	400/				di di	_	4.00	
Exposed Concrete	10%		Φ 27 100	LIFE	* *	5	\$200	
Plaster		Now	\$37,100	LIFE		5	\$1,600	
	_	_	Extent : Moderate	-	-			
			de Of Main Floor					
			xtent : Moderate, 2					
			de Of Main Floor A		**			
Plaster	65%			LIFE	* *	5	\$4,200	
Site Enclosure								
Fence/Gates	25%	2-4	¢1 700	2040	* *			
Chain Link	_		\$1,700 Extent : Moderate, A					
		_	xieni . Moderdie, 2 out Rear Lot Line	нгеи Ајје	ectea . 2076			
I D' 1				2050	* *			
Iron Picket		Now	\$7,700	2050				
		/kusting, E i : Through	xtent : Moderate, 2	area Ајје	ectea : 10%			
		_	oui Moderate, Area Af	Factod : 1	100/			
	_		moaeraie, Area Ajj trance And Throug		0/0			
Free Standing Walls	Locuitor	i . Muin En	irance Ana Inroug	пош				
Masonry: Brick	100%	Now	\$1,600	2040	* *			
Masonry. Brick			Extent : Moderate		ffected : 15%			
	_	crumoung, 1 : Through		, 111 cu 11	yecica . 1570			
		_	od, Extent : Moder	ate. Arei	a Affected · 10%			
		i : Through		, 11. 0.	<i>a 11,1,0 c c c c c c c c c c c c c c c c c c c</i>			
Retaining Walls	20041101							
Cast in Place Concrete	100%	0-2	\$200	2050	* *			
cust in 1 lace concrete			Extent : Moderate		ffected · 10%			
	_	ı : Rear Wa		,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts				
Service Equipment				
Fused Disc Sw	100%	2030 \$1,600	5	
	Other Observation, Extent: Moderate,	Area Affected : 100%		
	Location : Electrical Room			
	Explanation: One 200 Ampere Main	Disconnect Switch		
Switchgear / Switchboard				
Molded Case Bkrs	100%	2030 \$35,000	5 \$200	

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.

Asset #: 13272

% of Total	Fail Date						
Total	(Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
					1		
10%			2050	* *	1		
				*			
25%			2055	* *	5	\$100	
5 00/	2.4	01.7.000	2055	ate ate			
					I		
	-			ed : 10%			
40%			2030	\$12,000	1		
10%			2050	* *	1		
100%			2028	\$16,400	5	\$100	
		\$10,300	LIFE		5	\$100	
			Area Affe	ected : 100%			
Explana	tion : Corre	oded					
1000/			2040				
100%			2040	* *			
500/			2025	* *	10	ф1 100	
						\$1,100	
50%			2035	T T	1		
1000/			2025	# 2 0,000	10		
100%			2025	\$38,000	10		
200/							
			2038	* *	1	\$2.400	
	ervation F	rtent : Light Area			1	\$4,400	
		-	луестей	. 10/0			
			vices An	d CCTV System			
	100% 100% 100% 100% 100% 100% 100% 50% 100% 10	10% 5% 70% 25% 50% 2-4 Insulation Aged, Extered Location: Main Flow 10% 100% 100% 100% 100% 50% 50% 50% 100% 30% 70% Other Observation, E Location: Mechanic	10% 5% 70% 25% 50% 2-4 \$15,000 Insulation Aged, Extent: Moderate, Are Location: Main Floor And Upper Lev 40% 10% 100% 100% 100% 2-4 \$10,300 Other Observation, Extent: Moderate, A Location: Water Main Explanation: Corroded 100% 50% 50% 100% Other Observation, Extent: Light, Area Location: Mechanical Room	10% 2029 70% 2029 70% 2029 25% 2055 2055	10% 2050 ** 5% 2029 \$800 70% 2029 \$11,300 25% 2055 ** 50% 2-4 \$15,000 2055 ** Insulation Aged, Extent: Moderate, Area Affected: 10% Location: Main Floor And Upper Level 2030 \$12,000 40% 2030 \$12,000 ** 100% 2050 ** 100% 2028 \$16,400 100% 2028 \$16,400 100% 2040 ** 50% 2035 ** 50% 2035 ** 100% 2025 \$38,000 30% 70% 2038 ** 0ther Observation, Extent: Light, Area Affected: 10%	10% 2050 ** 1	10% 2050 ** 1

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Energy Source				
Natural Gas	100%	2050 **	1	
	Other Observation, Extent : Light, Area	Affected: 5%		
	Location : Basement			
	Explanation : Former Oil Tank Still Ir	ı Place		

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.

Asset #: 13272

Mechanical	Current Repair	e Replacement	M	aintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating Conversion Equipment Hot Water Boiler	100% Other Observation, Extent : Light, Are Location : Basement Boiler Room Explanation : 1 Unit	2035 a Affected	**	1	\$4,600			
Distribution	1000/	2020	* *	4	\$700			
Hot Wtr Piping/Pump Terminal Devices	100%	2038		4	\$700			
Air Handler	60% Other Observation, Extent: Light, Are Location: Basement Explanation: With Electric Duct Hea			1	\$3,500			
Convector/Radiator	30%	2035	* *	1	\$900			
Fan Coil Unit/Heat	10%	2030	\$14,100	1	\$300			
	Other Observation, Extent : Light, Are Location : Basement Explanation : Electric Unit Heaters	a Affected						
Air Conditioning								
Energy Source								
Electricity	100%	2046	* *	1				
Conversion Equipment Interior Pkg Unit - Cooling	100%	2028	\$352,300	2	\$600			
	R-22 Refrigerant, Extent : Light, Area Location : Basement Equipment Room		100%					
	Other Observation, Extent : Light, Are Location : Basement Equipment Room		: 100%					
	Explanation: 1 Unit Served By 2 Du	cted Indoo	or Condensers.					
Heat Rejection Air Cooled Condenser Unit	100%	2030	\$19,000	2	\$6,500			
C.m.v	Other Observation, Extent : Light, Area Affected : 100% Location : Basement							
	Explanation: 2 Interior Units Associ	ated With	1 Indoor Air Cond	litioner.				
Ventilation								
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,200			
Exhaust Fans Interior	100%	2030	\$33,500	2	\$300			
Plumbing			· ,		· · · · · · · · · · · · · · · · · · ·			
H/C Water Piping								
Brass/Copper	100%	2040	* *	1				
Water Heater	1000/	2025	*	_	**			
Gas Fired	100% Other Observation, Extent: Light, Are Location: Basement	2025 a Affected	\$5,700 : 100%	2	\$100			
	Explanation : 50 Gallon Storage Tan	k						

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 WASHINGTON IRVING BRANCH LIBRARY

Asset #: 13272

Mechanical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
•	Other Observation, Extent	: Light, Area Affected : 1009	%			
	Location: Basement To 2	nd Floor				
	Explanation: 1 Unit					

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: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : WILLIAMSBURGH BRANCH LIBRARY
Address : 240 DIVISION AVE. @ MARCY AVE.

Borough : BROOKLYN Agency's Number : 60

Area Sq Ft : 22,980 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 11-Jan-2018 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,2,mz

Block : 2189 Lot : 1 BIN : 3060090

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$307,700	\$136,900
Interior Architecture	\$37,200	\$70,700
Electrical	\$286,900	\$155,300
Mechanical		\$518,600
Total	\$631,800	\$881,500
Importance Code A	\$307,700	\$331,900
Importance Code B	\$324,000	\$478,900
Importance Code C		\$70,700
Total	\$631,800	\$881,500

EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025
Exterior Architecture	\$2,400	_	\$21,900	
Interior Architecture	\$34,600	\$2,300		\$4,500
Electrical	\$700	\$600	\$11,400	\$700
Mechanical	\$1,900	\$2,200	\$17,500	\$2,800
Site Enclosure	\$4,100			
Site Pavements	\$11,400			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$59,000	\$9,100	\$54,700	\$12,000
Importance Code A	\$3,600	\$1,100	\$23,300	\$1,100
Importance Code B	\$51,100	\$6,500	\$31,400	\$10,800
Importance Code C	\$4,400	\$1,500		
Total	\$59,000	\$9,100	\$54,700	\$12,000



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.

Asset #: 4201

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								
Copper/Terne	2%			2064	* *	10	\$5,100	
Masonry: Brick	83%			LIFE	* *	5	\$90,200	
Masonry: Limestone	15%			LIFE	* *	5	\$12,200	
Windows								
Parapets Masonry: Brick Masonry: Brick Cavity Masonry: Limestone	Air Infiltre Location Ctrwt/Baln Location Deteriorat Location Thermally Location Split/Crac Location 30% 60% 10%	: Througho ac Not Func : Througho ed Finish, E : Througho Inefficient, : Througho ked, Extent : Througho	Extent : Moderate, out Extent : Moderate out : Moderate, Area out \$2,400	rth Facin te, Area Area Af e, Area A Affected LIFE LIFE LIFE	ng Windows Affected: 50% Fected: 50% ffected: 100% : 35% ** **	5 5 5 5	\$2,000 \$4,000 \$800	
		ar Miss/Ero : Througho	od, Extent : Moder out	ate, Are	a Affected : 5%			
Roof							***	
Copper/Terne	25%			2057	* *	10	\$14,000	
Modified Bitumen	75%			2034	* *	10	\$16,800	
Interior Floors								
Carpet	10%			2028	\$51,600	3	\$6,900	
Ceramic Tile	5%			2038	**	5	\$1,700	
Vinyl Tile	65% Cracking/		\$4,500 Extent : Moderate ound Main Deck	2034	* * ffected : 10%	3	\$8,400	
Wood	Location Misaligned	: Througho	Extent : Moderate,			5	\$6,400	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	\$2,900	
Plaster	65%			LIFE	* *	5	\$11,500	
Wood	30%			LIFE	* *	5	\$70,700	

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.

Asset #: 4201

Architecture	Current Repair Fu		Futur	e Replacement	N	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings	100/			20.42	*		Φ2 400	
AcousTileSusp.Lay-In Plaster	10%	Now	\$37,200	2042 LIFE	*:	. 3	\$3,400	
Plaster			\$37,200 Extent : Moderate		·	. 3	\$15,000	
			out 2nd Floor, Stai			trical Root	ms	
		U	tent : Moderate, Ai		- C			
	_		out 2nd Floor, Stai			trical Root	ms	
Plaster	20%			LIFE	*		\$4,300	
Site Enclosure							·	
Fence/Gates								
Iron Picket	100%	0-2	\$3,400	2049	*	*		
		/Rusting, E : Through	xtent : Moderate, A out	1rea Affe	ected : 10%			
Free Standing Walls								
Masonry: Brick		Now	\$700	2039	*			
		issing Elem : Through	ents, Extent : Mod out	erate, Ar	ea Affected : 2%			
		tar Miss/Er : Through	od, Extent : Moder	ate, Are	a Affected : 10%			
		_	xtent : Light, Area	Affected	! : 100%			
		: Through	-	9,5				
		_	stone Masonry					
Retaining Walls								
Concrete Masonry Unit	100%			2049	*	*		
Site Pavements								
Public Sidewalk	4000/		41110	2012	*			
Cast in Place Concrete	100%		\$11,100	2042		r		
	_	Crumbung, e: Through	Extent : Moderate	, Area Ą	јјества : 10%			
		_	oui stent : Light, Area .	Affected	. 10%			
	-	iostaing, E. : Through	-	престеи	. 10/0			
On-Site Walkways								
Cast in Place Concrete	50%			2042	*	*		
Pavers/Stone	50%	2-4	\$300	2042	*	*		
			od, Extent : Light,	Area Aff	fected : 10%			
	Location	: Through	out					

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

Asset #: 4201

Electrical	Current Repair	Futur	e Replacement	M					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Under 600 Volts									
Service Equipment									
Molded Case Bkrs	100%	2029	\$3,000	5	\$600				
	Other Observation, Extent : Light, Area	Affectea	! : 100%						
	Location : Electrical Room								
	Explanation: The Service Equipment Satisfactory Condition.	Conwist	Of A 1,200 Amper	e C. Brea	ıker. It Is In				
Transformers									
Dry Type	100%	2034	* *	5	\$100				
Switchgear / Switchboard									
Fused Disc Sw	30%	2049	* *	5					
Molded Case Bkrs	70%	2029	\$26,600	5	\$400				
Raceway									
Conduit	90%	2039	* *	1					
Conduit	10%	2049	* *	1					
Panelboards									
Molded Case Bkrs	25%	2028	\$6,600	5	\$200				
Molded Case Bkrs	50%	2045	* *	5	\$300				
Molded Case Bkrs	25%	2037	* *	5	\$200				
Wiring									
Thermoplastic	90%	2039	* *	1					
Thermoplastic	10%	2049	* *	1					
Motor Controllers									
Locally Mounted	100%	2027	\$53,300	5	\$200				
Ground									
Grounding Devices									
Not Accessible	100%								
Lighting									
Interior Lighting									
Fluorescent	25%	2034	* *	10	\$5,300				
	T-8 Lamps And Fixtures, Extent: Light,	Area Af	fected : 100%						
	Location : Main Area								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation: T-8 Lamps								
Fluorescent	10%	2024	\$27,100	10	\$2,100				
	Other Observation, Extent : Light, Area	Affected	! : 100%						
	Location: Main Floor And Basement								
	Explanation: Compact Fluorescent L. Condition.	ght Fixt	ures Are Old But A	re In Sat	isfactory				
Fluorescent	65% Now \$175,900	2039	* *						
	Other Observation, Extent : Light, Area		! : 100%						
	Location : Offices And General Areas.								
	Explanation : Fixtures Are Old And D	eteriorai	ed Producing Low	Output.					

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.

Asset #: 4201

Electrical	Current Repair	Future F	Replacement	M				
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Lighting								
Egress Lighting								
Emergency, Battery	50%	2034	* *	10	\$2,800			
	Other Observation, Extent : Light		00%					
	Location : Throughout Building							
	Explanation : Relatively Modera Condition.	n Led Battery Paci	k Fixtures Are I	nstalled.	They Are In Good			
Exit, Service	50%	2029	\$1,900	1				
Exterior Lighting								
HID	100%	2029	\$102,000	10	\$100			
Alarm								
Security System								
No Component	80%							
Generic	20%	2034	* *	1	\$1,700			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Hallways							
	Explanation: The Security Syston Intrusion Alarm.	em Consists Of CC	CTV Surveillanc	e Camero	a System And			
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2024	\$84,000	1-3	\$4,200			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Throughout The Building.							
	Explanation : Fire Alarm Panel	Is Old, But In Sat	isfactory Condi	tion.				

Mechanical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2039	* *	1		
Conversion Equipment		•				
Hot Water Boiler	100%	2027	\$195,100	1	\$11,400	
	Other Observation, Extent : Light, Are	ea Affected :	100%			
	Location: Boiler Room					
	Explanation: 1 Boiler					
Distribution						
Hot Wtr Piping/Pump	100%	2037	* *	4	\$1,100	
Terminal Devices						
Convector/Radiator	100%	2034	* *	1	\$7,400	
Air Conditioning						
Energy Source						
Electricity	100%	2037	* *	1		

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Asset #: 4201

Mechanical	Current Rep	air Futur	e Replacement	M		
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Exterior Pkg Unit - Cooling	70%	2029	\$143,500	2	\$1,000	
	Other Observation, External Location: Throughout Explanation: Refrigero		! : 100%			
Calit I Init	25%	2029	\$135,100			
Split Unit Window/Wall Unit	23% 5%	2029	\$133,100	1		
Distribution	370	2024	\$2,000	1		
Ductwork/Diffusers No Component	95% 5%	LIFE	* *	2	\$28,400	
Ventilation	370					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$12,800	
Exhaust Fans					4,	
Interior	50%	2029	\$45,000	2	\$400	
Roof	5%	2029	\$2,100	2		
No Component	45%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2039	* *	1		
Water Heater						
Gas Fired	100%	2027	\$15,400	2	\$300	
	Other Observation, Exten	nt : Light, Area Affected	! : 100%			
	Location: Basement					
g : P: :	Explanation : 40 Gallo	ns				
Sanitary Piping	1000/	LIEE	* *	1		
Cast Iron	100%	LIFE		1		
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	10070	LIFE		1		
Non-Submersible	100%	2024	\$3,900	4	\$500	
Fixtures	10070	2021	ψ3,700		Ψ300	
Generic	100%					
Vertical Transport Elevators	10070					
Hydraulic	100%	LIFE	* *			
Trydiaulic	Other Observation, Extended Location: Basement To Explanation: One Unit	nt : Light, Area Affected o 2nd Floor	! : 100%			

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Print Date: 08-Sep-2020 BROOKLYN PUBLIC LIBRARY - FY 2021

Asset Name : WINDSOR TERRACE BRANCH LIBRARY

Address : 160 E. 5TH ST. @FORT HAMILTON PARKWAY

Borough : BROOKLYN Agency's Number : 77

Area Sq Ft : 7,100 Project Type : BROOKLYN PUBLIC LIBRARY

Date of Survey : 05-Mar-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 5318 Lot : 10 BIN : 3124000

CAPITAL	FY 2022 - 2025	FY 2026 - 2031
Exterior Architecture	\$79,900	\$365,900
Interior Architecture	\$87,400	
Electrical	\$149,000	
Mechanical	\$187,600	
Total	\$503,900	\$365,900
Importance Code A	\$79,900	\$365,900
Importance Code B	\$424,000	
Total	\$503,900	\$365,900

Total	\$124,400	\$1,200	\$89,100	\$1,300
Importance Code C	\$32,600			
Importance Code B	\$69,000	\$800	\$88,600	\$1,000
Importance Code A	\$22,800	\$400	\$400	\$400
Total	\$124,400	\$1,200	\$89,100	\$1,300
Mechanical	\$23,500	\$500	\$43,400	\$500
Electrical	\$52,600	\$700	\$44,500	\$800
Interior Architecture	\$43,300		\$1,200	
Exterior Architecture	\$5,000			
EXPENSE	FY 2022	FY 2023	FY 2024	FY 2025



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BROOKLYN PUBLIC LIBRARY - 038 WINDSOR TERRACE BRANCH LIBRARY

Asset #: 13273

Architecture	Current Repair		Future	Replacement	M		
System Component Type	% of Fail Date E Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	50/ 0.2	#4.000	LIEE	* *	~	#2 000	
Cast in Place Concrete	5% 0-2	\$4,800	LIFE		5	\$3,900	
	Water Penetration, Extended Location: Office Wind						
Masonry: Brick	85% Now	\$43,300	LIFE	**	5	\$13,300	
	Diagonal Cracks, Exten		00	10%			
	Location : Settling Cr Other Observation, Ext			1000/			
	Location: Throughou	_	Ајјестеи .	100/0			
	Explanation: Building		way Fase	ment Ruilding Sl	akes Wh	on Trains Pass	
	Below	g is Above A Suc	way Luse	meni. Duitaing Si	iukes mi	en Truins Tuss	
Pre-Cast Concrete	10%		LIFE	* *	5	\$5,100	
Windows						. ,	
Glass Block	95%		LIFE	* *	5	\$500	
Steel	5% 0-2	\$200	2040	* *	5	\$200	
	Water Penetration, Exte		Area Affec	ted : 15%			
	Location : Back Office	2					
Roof							
Single Ply Membrane	100% Now	\$36,600	2029	\$365,900			
	Patching Evident, Exter			ed : 10%			
	Location: Various Lo	-		. 1 100/			
	Water Penetration, Extended Location: Over Mech		нгеа Ајјес	tea : 10%			
nterior	Location . Over Mech	инси коот					
Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$1,200	
Terrazzo	5% Now	\$5,300	LIFE	* *	5	\$400	
	Uneven Substrate, Exte			ed : 15%		4	
	Location : Main Entro	ance					
	Other Observation, Ext	ent : Severe. Are					
			a Affected	: 15%			
	Location : Main Entro	ance	a Affected	: 15%			
	Location: Main Entra Explanation: Settlem	ance	a Affected	: 15%			
Vinyl Tile		ance	a Affected	\$87,400	3	\$3,600	
Interior Walls	Explanation : Settleme	ance	2024		3		
	Explanation : Settleme 90% 40% Now	sance ent Crack \$32,600	2024 LIFE	\$87,400	3 5	\$3,600 \$1,800	
Interior Walls	Explanation : Settleme 90% 40% Now Diagonal Cracks, Exten	s32,600 s Severe, Area	2024 LIFE Affected:	\$87,400 **			
Interior Walls	Explanation : Settlement 90% 40% Now Diagonal Cracks, Extent	\$32,600 at: Severe, Area / Storage Room,	2024 LIFE Affected: Back Offic	\$87,400 ** 20%			
Interior Walls	Explanation: Settlement 90% 40% Now Diagonal Cracks, Extent Location: Electrical / Vertical Cracks, Extent	\$32,600 at : Severe, Area / Storage Room, : Severe, Area A	2024 LIFE Affected: Back Offic	\$87,400 ** 20% ce			
Interior Walls	Explanation: Settlements 90% 40% Now Diagonal Cracks, Extent Location: Electrical / Vertical Cracks, Extent Location: Ist Floor, I	\$32,600 st: Severe, Area Storage Room, Severe, Area A Electrical / Storage	2024 LIFE Affected: Back Office (ffected: 2	\$87,400 ** 20% se '9% Back Office			
Interior Walls	Explanation: Settlements 90% 40% Now Diagonal Cracks, Extent Location: Electrical A Vertical Cracks, Extent Location: 1st Floor, 1 Other Observation, Ext.	\$32,600 at: Severe, Area / Storage Room, : Severe, Area A Electrical / Stora ent: Light, Area	2024 LIFE Affected: Back Office (ffected: 2	\$87,400 ** 20% se '9% Back Office			
Interior Walls	Explanation: Settlements 90% 40% Now Diagonal Cracks, Extent Location: Electrical A Vertical Cracks, Extent Location: Ist Floor, I Other Observation, Extent Location: Throughout	\$32,600 at: Severe, Area / Storage Room, : Severe, Area A Electrical / Stora ent: Light, Area t	2024 LIFE Affected: Back Offic Iffected: ge Room, Affected:	\$87,400 ** 20% se 19% Back Office 30%	5	\$1,800	
Interior Walls	Explanation: Settlements 90% 40% Now Diagonal Cracks, Extent Location: Electrical (Vertical Cracks, Extent Location: 1st Floor, Interpretation: Throughout Explanation: Building	\$32,600 at: Severe, Area / Storage Room, : Severe, Area A Electrical / Stora ent: Light, Area t	2024 LIFE Affected: Back Offic Iffected: ge Room, Affected:	\$87,400 ** 20% se 19% Back Office 30%	5	\$1,800	
Interior Walls Concrete Masonry Unit	Explanation: Settlements 90% 40% Now Diagonal Cracks, Extent Location: Electrical A Vertical Cracks, Extent Location: Ist Floor, I Other Observation, Extent Location: Throughout	\$32,600 at: Severe, Area / Storage Room, : Severe, Area A Electrical / Stora ent: Light, Area t	2024 LIFE Affected: Back Offic Iffected: 2ge Room, Affected:	\$87,400 ** 20% se 19% Back Office 30%	5	\$1,800	
Interior Walls Concrete Masonry Unit Gypsum Board	Explanation: Settlements 90% 40% Now Diagonal Cracks, Extent Location: Electrical / Vertical Cracks, Extent Location: 1st Floor, 1 Other Observation, Ext. Location: Throughout Explanation: Building Interior Walls	\$32,600 at: Severe, Area / Storage Room, : Severe, Area A Electrical / Stora ent: Light, Area t	2024 LIFE Affected: Back Offic Iffected: ge Room, Affected:	\$87,400 ** 20% ce 2% Back Office 30% s Pass Below Car	5 using Cra	\$1,800	
Interior Walls Concrete Masonry Unit	Explanation: Settlements 90% 40% Now Diagonal Cracks, Extent Location: Electrical / Vertical Cracks, Extent Location: Ist Floor, Interior Content of the Co	\$32,600 at: Severe, Area / Storage Room, : Severe, Area A Electrical / Stora ent: Light, Area t	2024 LIFE Affected: Back Offic Iffected: 2ge Room, Affected:	\$87,400 ** 20% ce 2% Back Office 30% s Pass Below Car	5 using Cra	\$1,800	

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BROOKLYN PUBLIC LIBRARY - 038 WINDSOR TERRACE BRANCH LIBRARY

Asset #: 13273

Electrical		Current R	epair	Futu	re 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%			2034	* *	5	\$200		
			ctent : Moderate, .	Area Affe	ected : 100%				
		: Electrical							
	Explana	tion : One 3.	50 Amperes Main	Disconn	iect Switch				
Switchgear / Switchboard	1000/				ale ale	_	4.00		
Molded Case Bkrs	100%			2034	* *	5	\$200		
Raceway	200/				de de				
Conduit	90%			2034	**	1			
Conduit	10%			2024	\$3,400	1			
Panelboards	4001			2025		_			
Fused Disc Sw	10%			2032	* *	5	**		
Molded Case Bkrs	90%			2032	* *	5	\$200		
Wiring	_								
Braided Cloth	70%		\$21,000	2049	* *	1			
			ıt : Moderate, Are	ea Affecto	ed : 100%				
	Location	: Througho	out						
Thermoplastic	30%			2034	* *	1			
Motor Controllers									
Locally Mounted	100%			2029	\$16,400	5			
Ground									
Grounding Devices									
Generic	100%			LIFE	* *	5	\$100		
Lighting									
Interior Lighting									
Fluorescent	90%			2024	\$69,300	10	\$5,900		
	Other Obs	ervation, Ex	ctent : Light, Area	Affected	d : 100%				
	Location	: Througho	out The Building						
	Explana	tion : T-12 L	Lamps						
Incandescent	10%			2022	\$7,700	2			
Egress Lighting					*				
Emergency, Battery	50%			2024	\$5,200	10	\$900		
Exit, Service	50%			2024	\$500	1			
Exterior Lighting									
HID	70%			2024	\$20,300	10			
Incandescent	30%			2024	\$7,400	2			
Alarm									
Security System									
Generic	100%	Now	\$23,300	2034	* *	1	\$2,400		
			tent : Severe, Are		d : 100%		. , .		
		: Througho		· *					
Fire/Smoke Detection									
Generic	100%			2022	\$79,700	1-3	\$4,500		
					+.,,,,,		÷ .,e 0 0		

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

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BROOKLYN PUBLIC LIBRARY - 038 WINDSOR TERRACE BRANCH LIBRARY

Asset #: 13273

Mechanical	Current Repair		Futur	e Replacement	М			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source	1000/			2024	* *			
Natural Gas	100%			2034	* *	1		
Conversion Equipment Furnace	1000/	Now	\$800	2022	\$17,000	1	\$2,200	
rumace	Not in Ser Location Other Obs Location	vice, Extent : The Unit ervation, E	t : Severe, Area Aff For Main Entranc xtent : Light, Area · Equipment Room	fected : 1 re		1	\$3,200	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment Int Pkg Unit - Heating/Cooling	70%			2022	\$107,300	2	\$300	
	Location	gerant, Ext : Equipme	ent : Light, Area A nt Room	ffected :	70%			
Reciprocating Compr/Chiller	30%			2024	\$18,300	1	\$1,000	
	R-22 Refri Location	-	ent : Light, Area A	ffected :	30%			
Terminal Devices								
Fan Coil - 2 Pipe	30%			2024	\$41,100	1	\$700	
No Component	70%							
Heat Rejection	1000/			2024	Ф 2 0. 2 00	2	Ø4.000	
Dry Cooler	100%			2024	\$39,200	2	\$4,900	
Ventilation Distribution								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,000	
Exhaust Fans	10070			LIIL		2-3	ψ+,000	
Interior	80%			2024	\$20,500	2	\$200	
Roof	20%			2024	\$2,400	2	4	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater Gas Fired	100%			2022	\$4,400	2	\$100	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Fixtures Generic	100%					•		

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