Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$185,600	\$65,100
Interior Architecture		\$589,300
Mechanical	\$461,600	
Total	\$647,100	\$654,400
Importance Code A	\$185,600	\$65,100
Importance Code B	\$461,600	\$519,800
Importance Code C		\$69,500
Total	\$647,100	\$654,400

Total	\$71,500	\$5,900	\$7,000	\$11,500
Importance Code C	\$29,900			\$600
Importance Code B	\$35,200	\$5,100	\$6,200	\$7,500
Importance Code A	\$6,300	\$800	\$800	\$3,300
Total	\$71,500	\$5,900	\$7,000	\$11,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Site Enclosure	\$5,300			
Mechanical	\$4,900	\$1,700	\$2,900	\$1,300
Electrical	\$4,400	\$200	\$200	\$400
Interior Architecture	\$47,500			\$3,300
Exterior Architecture	\$5,400			\$2,500
EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027



Maintenance \$ are aggregated over a 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

chitecture	Current Repair		Futur	e Replacement	Maintenance			
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
erior								
Exterior Walls	000/	NT	¢105 (00	LIEE	* *	5	¢22.700	
Masonry: Brick		Now	\$185,600	LIFE		5	\$22,700	
		: Through	: Moderate, Area A	чујестеи .	10/0			
		_	od, Extent : Moder	rate Area	Affected · 10%			
		: Through		aic, 217ca	171Jecteu : 1070			
		_	xtent : Moderate, A	lrea Affe	cted : 5%			
			By Elevator	3,5				
Masonry: Limestone	10%			LIFE	* *	5	\$1,900	
Windows								
Aluminum	95%			2037	* *	5	\$5,000	
Wood		Now	\$200	2037	* *	5	\$1,300	
		_	ents, Extent : Mode	erate, Ar	ea Affected : 2%			
	Location	: Toilet, O	ffice					
Parapets Metal Cornice	100%			2044	* *	10		
Roof	10070			2044		10		
Asphalt Shingle	70%			2032	\$65,100	10	\$2,000	
Modified Bitumen	30%			2034	**	10	\$5,200	
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
erior								
Floors	200/			LIEE	* *	5	¢0.700	
Cast in Place Concrete	20%	ing Extent	: Light, Area Affec	LIFE		5	\$9,700	
		ng, Extent : Basemen		nea . 10)	'0			
Ceramic Tile	5%	. 2000		2032	\$62,300	5	\$1,100	
Vinyl Tile		Now	\$22,900	2029	\$457,500	3	\$6,300	
· my · · mo			Extent : Moderate			J	ψ0,200	
		: Through						
	Loose Unit	s, Extent :	Moderate, Area A <u>j</u>	ffected : .	10%			
	Location	: Through	out					
Interior Walls	<u> </u>							
Ceramic Tile	5%		<u>.</u>	2032	\$69,500	5	\$1,300	
Plaster		Now	\$24,600	LIFE	**	5	\$6,100	
	_	_	Extent: Moderate					
	Location : Hallway By Elevator, Meeting Room Water Penetration, Extent : Moderate, Area Affected : 15%							
			xtent : Moaerate, A By Elevator	неи Ајјес	леи . 13/0			
Wood	15%			LIFE	* *	5	\$15,300	
Ceilings	1570						<u> </u>	
Gypsum Board	10%			LIFE	* *	5	\$2,800	
Plaster	87%			LIFE	* *	5	\$12,100	
Wood	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	Curre	nt Repair	Futu	re Replacement	М	aintenance	
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	+ - /	2049	* *			
		lements, Extent : Mode	erate, Ar	ea Affected : 5%			
	Location : Front	v c					
	Corrosion/Rusting	, Extent : Moderate, A	lrea Affe	cted : 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	* *			
	Cracking/Crumbli	ng, Extent : Light, Are	ea Affecto	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 Replac	ement	M	aintenance	
stem Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estimat	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2039	* *	5	\$100	
	Other Observation, Extent : Ligh	nt, Area Affected : 100%				
	Location: Electrical Room					
	Explanation: 2- Main Service Amperes.	Disconnect Switches Rate	ed At 400	Amperes	And 200	
Switchgear / Switchboard	_					
Molded Case Bkrs	100%	2039	* *	5	\$400	
	Other Observation, Extent : Ligh	nt, Area Affected : 100%				
	Location: Electrical Room					
	Explanation : 1- Vertical Section	on				
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 Rep	Current Repair Future Replacement		M		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost 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	
	T-12 Lamps And Fixtures Location: Boiler Roon		ffected : 100%			
Incandescent	1%	2029	\$2,100	2		
LED	98%	2037	* *			
Egress Lighting						
Emergency, Battery	50%	2034	* *	10	\$2,000	
Exit, Service	50%	2034	* *	1		
Exterior Lighting						
HID	30%	2029	\$22,700	10		
No Component	70%					
Alarm						
Security System						
No Component	70%					
Generic	30%	2034	* *	1	\$1,800	
	Other Observation, Exten		: 100%			
	Location : Inside And (
<u> </u>	Explanation : CCTV Si	ırveillance Cameras				

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost 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: Lig	ht, Area Affected	: 100%			
	Location : Basement Boiler R	oom				
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2037	* *	4	\$1,200	
Terminal Devices						
Convector/Radiator	100%	2027	\$132,800	1	\$5,300	
Air Conditioning						
Energy Source						
Electricity	100%	2037	* *	1		
Conversion Equipment						
Interior Pkg Unit -	100%	2024	\$256,800	2	\$1,000	
Cooling						
	R-22 Refrigerant, Extent: Light		100%			
<u> </u>	Location: 2 Units In Basemer	nt				

Maintenance \$ are aggregated over a 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		Futur	e Replacement	M		
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,100	
Exhaust Fans								
Interior	100%			2024	\$72,000	2	\$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater With Tanks								
Electric	100%			2028	\$23,400	4		
	Recent Rep	lace Evide	ent, Extent : N/A, A	rea Affec	ted : 100%			
	Location	: Boiler Ro	oom					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	\$3,300	2039	* *	4	\$300	
	On Extende	ed Life, Ex	tent : Moderate, A	rea Affeci	ted : 100%			
	Location	: Basemen	t					
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
-	Other Obse	ervation, E	xtent : Light, Area	Affected	: 100%			
	Location	: Basemen	t To 2nd Floor					
	Explanati	on : 1 Uni	t					

Maintenance \$ are aggregated over a 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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 14-May-2021 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5907 Lot : 1 BIN : 3147279

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Mechanical		\$247,300
Total		\$247,300
Importance Code B		\$247,300
Total		\$247,300

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$3,700	\$7,500		\$10,700
Interior Architecture	\$6,300	\$2,200	\$600	
Electrical	\$1,400	\$1,700	\$1,400	\$3,800
Mechanical	\$1,800	\$1,100	\$2,900	\$1,100
Site Pavements	\$3,300			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$20,300	\$16,500	\$8,700	\$19,500
Importance Code A	\$4,500	\$8,300	\$800	\$11,700
Importance Code B	\$14,400	\$8,200	\$7,900	\$7,800
Importance Code C	\$1,400			
Total	\$20,300	\$16,500	\$8,700	\$19,500



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 #: 13234

Architecture	C		Current Repair Futu		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								
Glazed Ceramic Panel	5%			LIFE	* *	5	\$5,100	
Masonry: Brick	70%			LIFE	* *	5	\$15,200	
Masonry: Limestone	_	Now	\$1,700	LIFE	* *	5	\$800	
		-	ents, Extent : Light	-	ffected : 1%			
		-	Front Entry Pillars		1 100/			
	_		Extent : Moderate, A	1rea Affe	cted : 10%			
			dge Boulevard					
Metal Panel	5%			2052	* *	5-10	\$7,400	
Window Wall	15%			2052	* *	5	\$12,200	
Windows	1000/			2040	* *	_	Φ 7 .000	
Aluminum	100%			2048	* *	5	\$7,900	
Parapets	700/			LIEE	* *	F	#2 400	
Masonry: Brick	70%			LIFE	**	5	\$2,400	
Masonry: Limestone	5%			LIFE	**	5	\$200	
Metal Panel	5%			2052	* *	5	\$700	
Metal Rail	20%			2045	* *	5-10	\$12,400	
Roof	5 0/			2047	* *	10	¢2 200	
Copper/Terne Modified Bitumen	5% 93%			2047 2040	* *	10 10	\$2,200	
	93% 2%	4+	\$2,000	2040	* *	10	\$16,600	
Skylight, Metal/Glass			\$2,000 tent : Moderate, Ar					
	_	iouaea, Exi i : Skylight	em . Moderate, Ar	eu Hyjeei	ea . 10070			
Soffits		, 0						
Glass: Special Gauge	100%			LIFE	* *	1		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$4,900	
Ceramic Tile	5%			2041	* *	5	\$1,100	
Terrazzo	5%		\$2,100	LIFE	* *	5	\$900	
			: Moderate, Area A	Iffected :	25%			
	Location	i : Entrance	e And Stairs					
Vinyl Tile	80%			2037	* *	3	\$6,700	
Interior Walls								
Ceramic Tile		Now	\$1,400	2041	* *	5	\$700	
	Adhesion	Failure, Ex	tent : Moderate, Ar	ea Affec	ted : 10%			
	Location	i : Basemer	ıt Custodian Closet					
		_	ents, Extent : Mode		ea Affected : 10%			
	Location	i : Basemer	ıt Custodian Closet					
Concrete Masonry Unit	9%			LIFE	* *	5	\$900	
Glass: Single Pane	1%			LIFE	* *	5	\$200	
Gypsum Board	58%			LIFE	* *	5	\$9,200	
Masonry: Brick	10%			LIFE	* *		-	
Plaster	5%			LIFE	* *	5	\$400	
SGFT/Glazed Masonry	10%			LIFE	* *		•	
Wood	2%			LIFE	* *	5	\$2,100	

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 #: 13234

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estir (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings AcousTileSusp.Lay-In	25%			2049	* *	5	\$5,600	
Acous mesusp.Lay-m	_	iscoloring, Exter	nt · Liaht Are		od · 5%	3	\$5,000	
		: Main Room 1s			.u . 570			
Exposed Struc: Concrete	e 10%			LIFE	* *	5	\$300	
Gypsum Board	60%			LIFE	* *	5	\$16,700	
Plaster	5%			LIFE	* *	5	\$700	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Free Standing Walls								
Masonry: Brick	100%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements Public Sidewalk								
Cast in Place Concrete	000/	Now	\$3,300	2049	* *			
Cast III Flace Colletete	, , , ,	NOW Crumbling, Exter	. ,		nd · 20/			
		: 73rd Street	ıı . Lıgnı, Arec	и лујесте	u . 2/0			
		. 7514 Street Iazard, Extent : N	Noderate Are	a Affecte	od · 5%			
		: Corner Of 73rd						
Pavers/Stone	10%		a street tina t	2045	* *			
	1070			2043				
On-Site Walkways Cast in Place Concrete	80%			2045	* *			
Pavers/Stone	20%			2043	* *			
Parking/Driveway	2070			2071				
Asphalt	85%			2041	* *			
Cast in Place Concrete	15%			2045	* *			
Cast III I lace Collected	13/0			2073				

Electrical	Current Rep	pair 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
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2052	* *	5	\$400	
	Other Observation, Exte	ent : N/A, Area Affected	: 100%			
	Location : Electrical R	Room				
	Explanation : No Avail	lable Nameplate Rating	Capacity			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2052	* *	5	\$400	
Raceway						
Conduit	100%	2052	* *	1		
Panelboards						
Fused Disc Sw	5%	2048	* *	5		
Molded Case Bkrs	90%	2048	* *	5	\$400	
Molded Case Bkrs	5%	2031	\$1,000	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 #: 13234

Electrical		Current Repair		Future Replacement		Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts										
Wiring										
Thermoplastic	100%			2052	* *	1				
Motor Controllers										
Locally Mounted	50%			2045	* *	5	\$100			
Locally Mounted	50%			2030	\$23,700	5	\$100			
Ground										
Grounding Devices										
Generic	100%			LIFE	* *	5	\$200			
Lighting										
Interior Lighting										
LED	100%			2040	* *					
Egress Lighting										
Emergency, Battery	50%			2037	* *	10	\$2,000			
Exit, LED	10%			2067	* *	1				
Exit, Service	40%			2037	* *	1				
Exterior Lighting										
LED	30%			2040	* *					
No Component	70%									
larm										
Security System										
No Component	30%									
Generic	70%			2037	* *	1	\$4,300			
			Extent : N/A, Area A		100%					
		Location : Hallways, Outside Perimeter								
	Explana	tion : CCT	V Surveillance Cam	eras						
Fire/Smoke Detection										
Generic, Analog	100%			2037	* *	1-3	\$10,200			
			Extent : N/A, Area A	ffected :	100%					
	Location	Location : Throughout The Building								
	Explana	tion : Strob	e Lights, Manual P	ull Stati	on, Alarm Bells, Sn	noke Det	ectors, Horns			

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			
leating									
Energy Source									
Natural Gas	100%	2052	* *	1					
Conversion Equipment									
Furnace	60%	2032	\$30,500	1	\$4,900				
	Other Observation, Extent: N/A, Area Affected: 100%								
	Location: Roof								
	Explanation: 3 Package Units								
Hot Water Boiler	40%	2045	* *	1	\$3,300				
	Other Observation, Extent : N/A, 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 #: 13234

Mechanical		Current	Repair	Futu	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	40%			2040	* *	4	\$500	
No Component	60%)						
Terminal Devices								
Convector/Radiator	30%			2045	* *	1	\$1,600	
Fan Coil Unit/Heat	10%			2037	* *	1	\$500	
No Component	60%)						
Air Conditioning								
Energy Source	1000/			2040	* *	1		
Electricity	100%	1		2040		1		
Conversion Equipment Ext Pkg Unit -	90%			2032	\$247,300	2	\$900	
Heating/Cooling	90%	1		2032	\$247,300	2	\$900	
Heating/Coomig	R-22 Refe	rioerant Ex	tent : Light, Area A	ffected ·	100%			
	Location		iem : Eigm, mea m	geerea .	10070			
		-	Extent : N/A, Area A	ffected :	100%			
	Location		, ,),				
		-	ckage Units					
Split Unit	10%			2032	\$38,800			
1	R-22 Refr		tent : Light, Area A Roof		· ·			
Terminal Devices								
Fan Coil - 2 Pipe	10%)		2037	* *	1	\$500	
No Component	90%	1						
Heat Rejection								
Dry Cooler	10%			2032	\$7,500	2	\$1,200	
No Component	90%	ı						
Ventilation								
Distribution	1000/				* *	2.5	#0.200	
Ductwork/Diffusers	100%	1		LIFE	* *	2-5	\$9,200	
Exhaust Fans	1000/			2022	¢21.700	2	¢500	
Roof	100%	1		2032	\$31,700	2	\$500	
Plumbing H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks	10070	•		2072		1		
Gas Fired	100%	1		2030	\$16,900	2		
Sanitary Piping	10076				¥10,200			
Cast Iron	100%	1		LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%)		LIFE	* *	1		
Fixtures								
Generic	100%)						
. 1m								

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 BAY RIDGE BRANCH LIBRARY

Asset #: 13234

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

Vertical Transport Elevators

Hydraulic 100% LIFE **

Other Observation, Extent: N/A, Area Affected: 100%

Location: Basement To 2nd Floor

Explanation: 1 Unit

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

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Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 29-Apr-2021 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1997 Lot : 32 BIN : 3057384

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$277,600	
Mechanical		\$414,100
Total	\$277,600	\$414,100
Importance Code A	\$277,600	
Importance Code B		\$414,100
Total	\$277,600	\$414,100

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$96,500	\$700		\$700
Interior Architecture	\$83,800	\$3,200	\$1,600	\$1,900
Electrical	\$10,400	\$500	\$600	\$18,800
Mechanical	\$16,000	\$1,700	\$3,600	\$18,600
Site Enclosure	\$4,800			
Site Pavements	\$2,600			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$218,100	\$10,000	\$9,800	\$43,900
Importance Code A	\$97,400	\$1,500	\$900	\$1,800
Importance Code B	\$87,700	\$8,500	\$7,900	\$42,100
Importance Code C	\$33,100		\$1,000	
Total	\$218,100	\$10,000	\$9,800	\$43,900



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 #: 13235

Architecture	Current Re	pair	Futur	e Replacement	Maintenance				
ystem Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
xterior									
Exterior Walls									
Cast Stone/Terra Cotta	15% Now Cracking/Crumbling, E Location : Chimney	\$38,700 Extent : Moderate	LIFE e, Area Af	* * Fected : 20%	5	\$38,300			
	Crazing, Extent : Mode Location : Chimney	rate, Area Affect	ed : 10%						
	Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25% Location : Chimney								
Masonry: Brick	85% Now Cracking/Crumbling, E Location: Throughou	t			5	\$27,800			
	Joint Mortar Miss/Eroc Location : Throughou	t		Affected: 20%					
	Spalling, Extent : Light Location : Throughou		10%						
Windows					_	*			
Aluminum	100% Now Corrosion/Rusting, Extended to Control of the Control of		2040 Area Affec	* * cted : 50%	5	\$1,700			
	Hardware Missing, Ext Location : Throughou								
	Caulking Deteriorated, Location : Throughou								
	Unit Inoperable, Extend Location : Throughou		a Affecte	d : 20%					
	Water Penetration, Extended Location: Basement	ent : Moderate, A	1rea Affec	eted : 5%					
Parapets									
Cast Stone/Terra Cotta	10% Now Joint Mortar Miss/Erod Location : Coping	\$6,600 l, Extent : Moder	LIFE ate, Area	* * Affected : 25%	5	\$2,800			
	Caulking Deteriorated, Location : Coping	Extent : Modera	ite, Area 2	Affected : 25%					
Masonry: Brick	80% Now Joint Mortar Miss/Erod Location : Throughou		LIFE ate, Area	* * Affected : 15%	5	\$2,900			
	Water Penetration, Exte Location : Over Class		1rea Affec	eted : 20%					
Metal Panel	10%		2052	* *	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	Repair	Future Replacement		Maintenance			
system Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior Roof									
Asphalt Shingle	25%			2035	* *	10	\$700		
Single Ply Membrane	75%		\$50,700	2037	* *				
		ogged, Exte : Through	ent : Moderate, Are out	a Affecte	ed : 5%				
	Patching Evident, Extent: Moderate, Area Affected: 30% Location: Throughout								
	Vegetation : At Drains Vegetation : At Drains								
	Water Pen		xtent : Moderate, A	lrea Affe	cted : 5%				
Soffits									
Cast in Place Concrete	100%			LIFE	* *	5			
nterior									
Floors	23%			2028	\$92,600	2	\$7,900		
Carpet Cast in Place Concrete	5%			LIFE	\$92,000 * *	3 5	\$2,500		
Ceramic Tile	5%			2041	* *	5	\$1,100		
Marble Panels	2%			LIFE	* *		\$300		
	65%	Now	\$40,900	2037	* *	5 3	\$5,600		
Vinyl Tile	Broken/Missing Elements, Extent: Moderate, Area Affected: 5% Location: Throughout								
	Cracking/Crumbling, Extent : Light, Area Affected : 15% Location : First Floor								
	Loose Units, Extent: Moderate, Area Affected: 30%								
			oor And Mezzanine	-					
Interior Walls									
Ceramic Tile	5%			2041	* *	5	\$2,100		
Concrete Masonry Unit	2%	Now	\$1,600	LIFE	* *	5	\$300		
		-	ients, Extent : Seve ical Room Near Au		**				
Gypsum Board	40%	. Mechani	icai Room Near Au		* *	5	\$10,000		
				LIFE LIFE	* *	3	\$10,000		
Masonry: Brick	5% Realization/Ma	issina Flan	nents, Extent : Mod						
		: At Areav		eruie, Ar	ей Аујестей . 570				
	Water Pen	etration, E	xtent : Moderate, A ion Wall At Boiler .	00					
Plaster	-	Now	\$24,100	LIFE	* *	5	\$6,000		
			xtent : Severe, Area		d : 25%	_	\$2,000		
			out Basement	55					

Maintenance \$ are aggregated over a 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	Curre	nt Repair	Future Replacement		M	aintenance				
System Component Type	% of Fail Da Total (Year	nte Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Interior										
Ceilings										
AcousTileSusp.Lay-In	5%		2045	* *	5	\$1,100				
	Staining/Discolori Location : Throi	ing, Extent : Light, Ar Ighout	ea Affecte	d : 2%						
Gypsum Board	45%		LIFE	* *	5	\$12,900				
Plaster	50% Now	\$17,300	LIFE	* *	5	\$7,200				
	Horizontal Cracks	, Extent : Moderate, 2	Area Affec	ted : 5%						
	Location: Classroom 3									
	Staining/Discolori	ing, Extent : Moderate	e, Area Afj	fected : 5%						
	Location: Throu	ghout								
	Water Penetration	, Extent : Moderate, A	Area Affec	ted : 20%						
	Location : Mezzo	anine, 2nd Floor Clas	srooms 2.	And 4						
Site Enclosure										
Fence/Gates										
Chain Link	50%		2052	* *						
Iron Picket	50% 0-2	\$4,800	2052	* *						
	-	, Extent : Moderate, A	Area Affec	ted : 10%						
	Location : Throu	0								
		sh, Extent : Moderate,	Area Affe	ected : 25%						
	Location : Throu	ghout								
Retaining Walls	2.70 /			de de						
Cast in Place Concrete	25%		2052	* *						
Masonry: Brick	75%		2042	* *						
Site Pavements										
Public Sidewalk	1000/		2045	* *						
Cast in Place Concrete	100%		2045							
On-Site Walkways	700/		2045	* *						
Cast in Place Concrete	70% 25% 4+	\$2.600	2045	* *						
Masonry: Granite		\$2,600	LIFE							
	Location : Main	/Erod, Extent : Moder Entrance	raie, Area	Affectea : 15%						
Pavers/Stone	5%		2041	* *						
Parking/Driveway										
Cast in Place Concrete	100%		2045	* *						
	Cracking/Crumbli Location : South	ng, Extent : Light, Ar Side	ea Affecte	d : 5%						
Activity Yard		-								
Cast in Place Concrete	75%		2045	* *						
Pavers/Stone	25%		2041	* *						

Electrical	Current Repair			Futur	e Replacement	M		
System Component Type		il Date 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 #: 13235

Electrical	Current Repair	Future R	Replacement	Ma		
System Component Type	% of Fail Date Estimates Total (Years)	ated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment Molded Case Bkrs	100%	2052	* *	5	\$500	
Molded Case Bkrs	Other Observation, Extent : I			3	\$300	
	Location: Basement	VA, Агей Ајјескей . 100	070			
	Explanation: One 600 Amp	pere Main Disconnect S	Switch			
Switchgear / Switchboard	Exprenential . One ood 11mg	vere main Bisconnect s	· · · · · · · · · · · · · · · · · · ·			
Molded Case Bkrs	100%	2052	* *	5	\$500	
Raceway					****	
Conduit	70%	2052	* *	1		
Conduit	30%	2032	\$10,900	1		
Panelboards			•			
Fused Disc Sw	5%	2048	* *	5		
Molded Case Bkrs	85%	2048	* *	5	\$400	
Molded Case Bkrs	10%	2031	\$2,000	5		
Wiring						
Braided Cloth	30% 2-4	\$9,900 2057	* *	1		
	Other Observation, Extent: 1	22	0%			
	Location: Throughout The	Building				
	Explanation : Insulation Ag	red				
Thermoplastic	70%	2052	* *	1		
Motor Controllers						
Locally Mounted	100%	2045	* *	5	\$100	
Fround						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
ighting						
Interior Lighting						
Fluorescent	60%	2037	* *	10	\$9,500	
	Other Observation, Extent : I	**	0%			
	Location: Throughout The	Building				
	Explanation: T-8 Lamps					
Fluorescent	40%	2037	* *	10	\$6,300	
	Other Observation, Extent : I		0%			
	Location : Throughout The	Building				
	Explanation: T-5 Lamps					
Egress Lighting	500/	202=	ala al-	10	00.100	
Emergency, Battery	50%	2037	* *	10	\$2,100	
Exit, LED	30%	2060	**	l		
Exit, Service	20%	2037	* *	1		
Exterior Lighting	C00/	2027	* *	10		
HID No Commonwet	60%	2037	<i>ተ</i> ች	10		
No Component	40%					
Alarm						
Security System	700/					
No Component Generic	70%	2027	* *	1	¢1 000	
Сепепс	30%	2037		1	\$1,900	

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 #: 13235

Electrical	Current	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm							
Fire/Smoke Detection							
No Component	70%						
Generic, Digital	30%		2032	\$13,200	1-3	\$3,200	

Mechanical		Current I	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Natural Gas	100%			2052	* *	1		
Conversion Equipment Hot Water Boiler		place Evide 1 : Basemen	ent, Extent : N/A, A nt	2049 rea Affec	* * cted : 100%	1	\$8,500	
	Other Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : One Gas Fired Hot Water Boiler							
Distribution Hot Wtr Piping/Pump	2% Not Insula	Now	\$400 : Moderate, Area 2	2057	* *	4		
Hot Wtr Piping/Pump	98%			2048	* *	4	\$1,200	
Terminal Devices Air Handler Convector/Radiator	30% 70%			2032 2037	\$96,100 * *	1 1	\$3,200 \$3,900	
Air Conditioning Energy Source					* *		φο,	
Electricity	100%			2048	* *	1		
Conversion Equipment Interior Pkg Unit - Cooling	25%	0-2	\$6,700	2030	\$67,300	2	\$200	
Ç	Other Observation, Extent: Moderate, Area Affected: 100% Location: Air Conditioning Room Explanation: Inefficient Units. 3 Portable Units Being Used In Main Floor.						or.	
Exterior Pkg Unit - Cooling	60%		\$5,600	2032	\$112,000	2	\$500	
C	Location Other Obs Location	a : Roof. 2 l servation, E a : Roof	tent : Light, Area A Units Extent : Moderate, A Ccient Units	-				
Split Unit	15% R-22 Refri Location	-	tent : Light, Area A	2032 ffected :	\$60,700 100%			

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 #: 13235

Mechanical		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
Air Conditioning								
Terminal Devices								
Fan Coil - 2 Pipe	15%			2032	\$77,900	1	\$800	
No Component	85%							
Heat Rejection								
Air Cooled Condenser	15%			2032	\$7,400	2	\$1,800	
Unit								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,600	
Exhaust Fans								
Interior	40%			2032	\$30,200	2	\$200	
Roof	60%			2032	\$19,800	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2042	* *	1		
Brass/Copper	30%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	\$16,900	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2024	\$500	4	\$500	
Backflow Preventer								
No Component	90%							
Generic	10%			2040	* *	1	\$100	
	Other Obs	ervation, E	xtent : Light, Area	Affected :	10%			
	Location	: Basemen	t					
	Explana	tion : Back	flow Preventer Serv	es Boiler	Only			
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
			xtent : Light, Area	Affected :	100%			
			t To 2nd Floor					
	Explana	tion : One l	Init					

Maintenance \$ are aggregated over a 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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 14-Apr-2021 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5598 Lot : 48 BIN : 3135907

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$263,500	
Interior Architecture		\$632,500
Mechanical	\$399,200	\$377,200
Total	\$662,700	\$1,009,700
Importance Code A	\$321,300	
Importance Code B	\$341,500	\$1,009,700
Total	\$662,700	\$1,009,700

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$48,600	_		_
Interior Architecture	\$48,100		\$4,500	\$700
Electrical	\$1,300	\$1,700	\$1,400	\$39,300
Mechanical	\$1,300	\$4,100	\$3,700	\$97,200
Site Pavements	\$2,200			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$105,400	\$9,700	\$13,500	\$141,100
Importance Code A	\$48,900	\$1,000	\$1,000	\$1,000
Importance Code B	\$29,900	\$8,700	\$11,400	\$140,100
Importance Code C	\$26,700		\$1,100	
Total	\$105,400	\$9,700	\$13,500	\$141,100



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 #: 13236

rchitecture	Curren	t Repair	Futur	e Replacement	M	aintenance		
stem Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
terior								
Exterior Walls								
Masonry: Brick	94% Now	\$107,800	LIFE	* *	5	\$26,400		
	Diagonal Cracks, E	Extent : Moderate, Ai	rea Affect	ed : 5%				
	Location : Bulkhead Stair							
	Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
	Location : Throug	hout						
	Water Penetration,	Extent : Moderate, A	Area Affec	cted : 5%				
	Location: Bulkhead Stair							
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location: East Side And Bulkhead Stair							
	Explanation: Tar	ps To Prevent Water	Infiltration	on				
Masonry: Granite	3% 2-4	\$6,600	LIFE	* *	5	\$600		
•	Joint Mortar Miss/	Erod, Extent : Light,	Area Affe	ected : 10%				
	Location: Front I	Facade						
Masonry: Limestone	3%		LIFE	* *	5	\$600		
Windows								
Aluminum	100% Now	\$17,900	2048	* *	5	\$1,900		
	Misaligned/Bulging	, Extent : Moderate,	Area Aff	ected : 25%				
	Location : Stairwe	ell						
	Unit Inoperable, Ex	tent : Moderate, Are	ea Affecte	d : 2%				
	Location: Front I	Facade						
	Water Penetration,	Extent : Moderate, A	Area Affec	cted : 20%				
	Location: North	Side						
Parapets								
Masonry: Brick	95% Now	\$155,700	LIFE	* *	5	\$2,900		
	Joint Mortar Miss/	Erod, Extent : Modei	rate, Area	Affected : 25%				
	Location : South I							
	Spalling, Extent : M	Spalling, Extent : Moderate, Area Affected : 20%						
	Location: Interior Face							
	Water Penetration,	Extent : Moderate, A	Area Affed	cted : 10%				
	Location : Above Second Floor Windows							
	Other Observation, Extent: Moderate, Area Affected: 25%							
	Location: Throughout							
	Explanation: Con	vered With Tarp To P	Prevent W	ater Infiltration				
Masonry: Limestone	5% Now	\$3,700	LIFE	* *	5	\$200		
	Joint Mortar Miss/	Erod, Extent : Moder	rate, Area	Affected : 10%				
	Location : Throug	hout						
	Other Observation,	Extent : Moderate,	Area Affe	cted : 25%				
	Location : Throug	hout						
	Explanation: Con	ered With Tarp To P	Prevent W	ater 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

System Component Type Exterior Roof Built-Up (BUR)	Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle	Estimated Cost	Priority
Roof	0.50/					(Yrs)		2 1 101 ity
	0.50/							
Duni-Op (DOK)	95%	Now	\$20,500	2037	* *			
			derate, Area Affeci					
	_	: Through						
	Water Pene	etration, E	xtent : Moderate, A	rea Affec	cted : 5%			
	Location	: Roof Fla	shing Around Stair					
Skylight, Metal/Glass	5%			2052	* *	10	\$3,100	
Soffits								
Cement - Fiber Panel	100%			2032		10		
nterior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$3,000	
Ceramic Tile	5%			2041	* *	5	\$1,400	
Terrazzo	5%			LIFE	**	5	\$1,100	
Vinyl Tile	5%	0-2	\$7,600	2032	\$38,100	3	\$500	
	_	Trumbling, Through	Extent : Moderate out	, Area A <u>j</u>	fected : 5%			
Vinyl Tile	78%			2032	\$594,400	3	\$8,100	
Wood	2%			2047	* *	5	\$1,000	
Interior Walls								
Ceramic Tile	5%			2041	* *	5	\$2,100	
Concrete Masonry Unit	5%			LIFE	* *	5	\$800	
Glass: Single Pane	2%			LIFE	* *	5	\$600	
Gypsum Board	50%	Now	\$5,900	LIFE	* *	5	\$12,700	
	Paint Peeling, Extent : Moderate, Area Affected : 10% Location : Office And Basement							
			xtent : Moderate, A	rea Affe	cted · 10%			
	Location	: Office Ar	nd Basement					
Masonry: Brick	5%	0-2	\$8,000	LIFE	* *			
			: Moderate, Area A	Affected :	5%			
	Location							
			xtent : Moderate, A	rea Affec	cted : 5%			
	Location	: Stair						
Marble Panels	3%			LIFE	* *			
Plaster		Now	\$12,800	LIFE	* *	5	\$3,200	
		Crumbling, : Staff Stai	Extent : Moderate r	, Area A <u>j</u>	fected : 10%			
		etration, Ex : Staff Stai	xtent : Severe, Area ir	ı Affected	l : 25%			
Wood	5%			LIFE	* *	5	\$8,500	

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

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

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

Asset #: 13236

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								
Ceilings AcousTileSusp.Lay-In	Staining/L	Now Discoloring 1 : Basemer	\$900 , Extent : Moderate nt	2045 , Area A <u>j</u>	* * ffected : 2%	5	\$1,400	
		netration, E 1 : Basemer	xtent : Moderate, A nt	rea Affec	cted : 2%			
Exposed Struc: Concrete	10%			LIFE	* *	5	\$400	
Gypsum Board			\$6,400 xtent : Light, Area 2 y	LIFE Affected .	**	5	\$23,100	
Plaster	Cracking/ Location Water Pen	ı : Staff Sta	xtent : Moderate, A			5	\$2,700	
Site Enclosure								
Fence/Gates Iron Picket			Extent : Light, Arec out	2052 Affected	* * d : 5%			
Free Standing Walls								
Masonry: Brick	100%			2052	* *			
Retaining Walls Cast in Place Concrete	100%	ı		2067	* *			
Site Pavements Public Sidewalk Cast in Place Concrete	_		\$2,200 Extent : Moderate, out	2045 Area A <u>f</u>	* * Gected : 5%			
On-Site Walkways Cast in Place Concrete	100%	ı		2045	* *			
Parking/Driveway Cast in Place Concrete	100%			2045	* *			

Electrical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2032	\$3,700	5	\$100	
	Other Observation, Extent: N/A, Area	Affected : 1	00%			
	Location : Electrical Room					
	Explanation : Main Service Disconne	ect Switch R	ated At 400 Amp	eres.		
Switchgear / Switchboard						
Molded Case Bkrs	100%	2032	\$43,000	5	\$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

Electrical	Current Repair	Future Re	placement	Ma	aintenance	•	
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts	•	•	•				
Raceway							
Conduit	10%	2052	* *	1			
Conduit	90%	2032	\$32,800	1			
Panelboards							
Fused Disc Sw	5%	2031	\$1,000	5			
Molded Case Bkrs	75%	2048	* *	5	\$400		
Molded Case Bkrs	20%	2031	\$4,000	5	\$100		
Wiring							
Thermoplastic	40%	2032	\$13,200	1			
Thermoplastic	60%	2052	* *	1			
Motor Controllers							
Locally Mounted	100%	2037	* *	5	\$100		
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$300		
Lighting							
Interior Lighting							
Fluorescent	15%	2027	\$32,500	10	\$2,700		
	Other Observation, Extent:	N/A, Area Affected : 100	%				
	Location: Basement						
	Explanation: T-12 Lamps						
LED	85%	2040	* *				
Egress Lighting							
Emergency, Battery	50%	2037	* *	10	\$2,400		
Exit, Service	50%	2037	* *	1			
Exterior Lighting							
LED	30%	2037	* *				
No Component	70%						
Alarm							
Security System							
No Component	70%						
Generic	30%	2037	* *	1	\$2,200		
	Other Observation, Extent:	***	%				
	Location : Hallways And C	Location : Hallways And Outside Perimeter					
	Explanation: CCTV Surve	illance Cameras					
Fire/Smoke Detection							
Generic, Analog	100%	2037	* *	1-3	\$12,100		
	Other Observation, Extent:	N/A, Area Affected : 100	%				
	Location : Throughout The	Building					
	Explanation : Strobe Light	s, Manual Pull Station, A	larm Bells, Sm	oke Dete	ectors And Horns		

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

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 #: 13236

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Natural Gas	100%			2042	* *	1		
Conversion Equipment	200/			2025	* *		#2 000	
Furnace	Location:	Roof	extent : Light, Area	2037 Affected		1	\$2,900	
Hot Water Boiler	Location : Other Obse	· Basemen rvation, E · Basemen	\$57,800 evere, Area Affected at Boiler Room extent : Light, Area at Boiler Room it		* * : 60%	1	\$6,100	
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	\$3,300	
Hot Wtr Piping/Pump	70%			2040	* *	4	\$1,000	
Terminal Devices								
Convector/Radiator	50%			2030	\$79,400	1	\$3,200	
Fan Coil Unit/Heat	10%			2027	\$48,100	1	\$600	
No Component	40%							
Air Conditioning Energy Source Electricity	100%			2040	* *	1		
Conversion Equipment Int Pkg Unit - Heating/Cooling	20%			2026	\$63,300	2	\$200	
	R-22 Refrigerant, Extent : Light, Area Affected : 20% Location : 1 Unit Basement Boiler Room							
Ext Pkg Unit - Heating/Cooling	40%			2027	\$130,500	2	\$500	
c c	Obsolete Equipment, Extent : Moderate, Area Affected : 40% Location : Roof							
	R-22 Refrig Location :		tent : Light, Area Aj n Roof	ffected :	40%			
Ext Pkg Unit - Heating/Cooling	40%			2037	* *	2	\$500	
	Other Observation, Extent : Light, Area Affected : 40% Location : Roof Explanation : 1 Rooftop Package Unit, R-410a							
Terminal Devices Air Handler/Dir Expansion	80%			2032	\$297,800	1		
Fan Coil - 4 Pipe	20%			2027	\$147,700	1	\$1,300	
Heat Rejection Air Cooled Condenser	80%			2027	\$45,000	2	\$10,900	
Unit No Component	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 #: 13236

Mechanical	Current Rep	oair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,900	
Exhaust Fans							
Interior	30%		2032	\$25,800	2	\$200	
Roof	70%		2037	* *	2	\$400	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2042	* *	1		
	Other Observation, Exte	ent : Moderate, A	rea Affe	cted : 20%			
	Location: 2nd Floor						
	Explanation: No Hot On Top Floor.	Water At Circulai	tion Pun	p, Causing Delay	To Circu	lating Hot Water	
Water Heater With Tanks	-						
Gas Fired	100%		2030	\$16,900	2		
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
Generic	100%		2037	* *	1	\$1,200	
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
•	Other Observation, Exte	ent : Light, Area A	Affected	: 100%			
	Location: Basement T	To 2nd Floor					
	Explanation: 1 Unit C	Goes Down Very (Often.				

Maintenance \$ are aggregated over a 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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 10-Nov-2021 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 8680 Lot : 32 BIN : 3245028

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$57,800			
Interior Architecture	\$31,700		\$8,200	
Electrical	\$1,300	\$1,100	\$1,400	\$1,300
Mechanical	\$5,500	\$1,600	\$2,500	\$1,300
Site Pavements	\$8,200			
Total	\$104,500	\$2,700	\$12,000	\$2,600
Importance Code A	\$58,400	\$600	\$600	\$600
Importance Code B	\$27,900	\$2,100	\$11,400	\$2,000
Importance Code C	\$18,300			
Total	\$104,500	\$2,700	\$12,000	\$2,600



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 #: 13237

Architecture	Current Repa	ir Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior						
Exterior Walls						
Glass Block	2%	LIFE	* *	5	\$500	
Masonry: Brick	98%	LIFE	* *	5	\$42,200	
Windows	1000/ 41	¢1.700 2040	* *	-	\$000	
Aluminum	100% 4+ Water Panatration Exten	\$1,700 2049 t : Moderate, Area Affected		5	\$900	
	Location : Managers O		. 2/0			
Parapets	Location : Managers Of	jice				
Cast Stone/Terra Cotta	10%	LIFE	* *	5-10	\$10,800	
Concrete Masonry Unit	90%	LIFE	* *	5-10	\$18,700	
Concrete Musomy Cint		t : N/A, Area Affected : 10)%	3 10	Ψ10,700	
	Explanation : Stucco Fi					
Roof						
Single Ply Membrane	98%	2038	* *	10	\$33,400	
	Recent Replace Evident, Location: Roof	Extent : N/A, Area Affected	: 100%			
Skylight, Metal/Glass	2%	2053	* *	10	\$2,300	
Soffits						
Exposed Struc: Steel	98% 4+	\$11,900 LIFE	* *	5	\$2,900	
	_	t : Moderate, Area Affected	l : 50%			
	Location: Window Lint					
Stucco Cement	2%	2038	* *	5		
nterior						
Floors Cast in Place Concrete	50/	LIEE	* *	5	\$4,000	
	5% 5%	LIFE 2046	* *	5 5	\$4,000 \$1,400	
Quarry Tile Vinyl Tile	90%	2046	* *	3	\$6,100	
Interior Walls	9070	2036			\$0,100	
Concrete Masonry Unit	10%	LIFE	* *	5	\$1,100	
Glass: Single Pane	5%	LIFE	* *	5	\$1,000	
Glazed Ceramic Panel	5%	LIFE	* *	10	\$600	
Gypsum Board	80%	LIFE	* *	5-10	\$18,700	
Ceilings	0070	End		2 10	Ψ10,700	
AcousTileSusp.Lay-In	60%	2046	* *	5	\$10,900	
Gypsum Board	40%	LIFE	* *	5-10	\$25,000	
ite Enclosure						
Fence/Gates						
Iron Picket	100%	2068	* *			
ite Pavements						
Public Sidewalk						
Cast in Place Concrete	100% 0-2	\$3,700 2046	* *			
	0 0	ent : Severe, Area Affected	: 2%			
	Location : Brighton Fir.					
		Moderate, Area Affected :	2%			
	Location : Brighton Fir.	st Road				

Maintenance \$ are aggregated over a 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 Rep	air	Future	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
Parking/Driveway							
Asphalt	100% 2-4	\$4,500	2042	* *			
	Misaligned/Bulging, Ext	ent : Moderate, A	rea Affe	ected : 10%			
	Location : Throughout	Parking Area					
Activity Yard							
Pavers/Stone	100%		2042	* *			

Electrical	Current Repa	ir Futuı	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2033	\$3,700	5	\$100	
	Other Observation, Extend		: 100%			
	Location: Electrical Ro					
	Explanation : Main Serv	rice Disconnect Switch	Rated At 400 Amp	eres		
Switchgear / Switchboard						
Molded Case Bkrs	100%	2033	\$43,000	5	\$300	
	Other Observation, Extend		: 100%			
	Location : Electrical Ro					
	Explanation: 1 Vertical	Section				
Raceway	/					
Conduit	80%	2033	\$29,200	1		
Conduit	20%	2053	* *	1		
Panelboards						
Fused Disc Sw	10%	2049	* *	5		
Molded Case Bkrs	80%	2032	\$15,800	5	\$300	
Molded Case Bkrs	10%	2049	* *	5		
Wiring			***			
Thermoplastic	80%	2033	\$26,400	1		
Thermoplastic	20%	2053	* *	1		
Motor Controllers				_		
Locally Mounted	50%	2038	* *	5		
Variable Frequency	50%	2046	* *			
Drive						
bround						
Grounding Devices	1000/	LIDE	* *	-	# 400	
Generic	100%	LIFE	* *	5	\$400	
ighting						
Interior Lighting	1000/	2020	* *			
LED	100%	2038				
	Other Observation, Extend	0	. 100%			
	Location: Throughout T	-				
	Explanation : LED Ligh	t Fixtures				

Maintenance \$ are aggregated over a 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	Cı	urrent Repair	Future	e Replacement	M	aintenance	
System Component Type		ll Date Estimated Cost /ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Battery	50%		2038	* *	10	\$1,500	
Exit, Service	50%		2038	* *	1		
Exterior Lighting							
LED	20%		2038	* *			
No Component	80%						
Alarm							
Security System							
Generic	50%		2038	* *	1	\$2,300	
		ation, Extent : Light, Area	Affected .	: 100%			
		iside And Outside					
	Explanation	: CCTV Surveillance Can	ieras				
Generic	50%		2038	* *	1	\$2,300	
		ation, Extent : Light, Area	Affected .	: 100%			
		hroughout The Building					
	Explanation	: Intrusion System					
Fire/Smoke Detection							
Generic, Digital	100%		2038	* *	1-3	\$7,500	
	Other Observe	ation, Extent : Light, Area	Affected .	: 100%			
	Location : M	Iechanical Room And Rea	ding Area	ıs			
	Explanation	: Duct Smoke Detectors, I	Bells And	Horns			

% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
			(113)		,
100%	2053	* *	1		
100%	2046	* *	1	\$6,000	
Other Observation, Extent : Light, Area	Affected	: 100%			
Location: Penthouse Mechanical Roo	m				
Explanation: Two Gas Fired Hot Wate	er Boiler.	s.			
100%	2049	* *	4	\$900	
70%	2038	* *	1	\$5,300	
25%	2046	* *	1	\$1,000	
5%	2038	* *	4	\$100	
100%	2049	* *	1		
100%	2034	* *	2	\$700	
	100% Other Observation, Extent: Light, Area Location: Penthouse Mechanical Roo Explanation: Two Gas Fired Hot Wate 100% 70% 25% 5%	100% 2046 Other Observation, Extent : Light, Area Affected Location : Penthouse Mechanical Room Explanation : Two Gas Fired Hot Water Boiler. 100% 2049 70% 2038 25% 2046 5% 2038 100% 2049	100% 2046 * * Other Observation, Extent : Light, Area Affected : 100% Location : Penthouse Mechanical Room Explanation : Two Gas Fired Hot Water Boilers. 100% 2049 * * 70% 2038 * * 25% 2046 * * 5% 2038 * * 100% 2049 * *	100% 2046 ** 1 Other Observation, Extent: Light, Area Affected: 100% Location: Penthouse Mechanical Room Explanation: Two Gas Fired Hot Water Boilers. 100% 2049 ** 4 70% 2038 ** 1 25% 2046 ** 1 5% 2038 ** 4	100% 2046 ** 1 \$6,000 Other Observation, Extent: Light, Area Affected: 100% Location: Penthouse Mechanical Room Explanation: Two Gas Fired Hot Water Boilers. 100% 2049 ** 4 \$900 70% 2038 ** 1 \$5,300 25% 2046 ** 1 \$1,000 5% 2038 ** 4 \$100

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 #: 13237

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Co (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,700	
Exhaust Fans							
Interior	90%		2038	* *	2	\$300	
Roof	10%		2033	\$2,300	2		
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2053	* *	1		
Water Heater With Tanks							
Gas Fired	100%		2031	\$16,900	2		
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
Generic	100%		2033	\$5,400	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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 04-Mar-2021 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Sub Basement, Roof, Floors 1,2,3

Block : 1183 Lot : 2 BIN : 3029665

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$1,868,400	\$321,200
Interior Architecture	\$942,600	\$40,551,600
Electrical	\$797,100	\$1,219,100
Mechanical	\$5,939,700	\$14,056,000
Site Pavements	\$167,800	
Total	\$9,715,700	\$56,148,000
Importance Code A	\$1,868,400	\$321,200
Importance Code B	\$7,679,500	\$55,227,100
Importance Code C	\$167,800	\$599,600
Total	\$9,715,700	\$56,148,000

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$6,400			\$46,400
Interior Architecture		\$66,900		\$25,700
Electrical	\$7,800	\$10,600	\$10,600	\$71,100
Mechanical	\$113,600	\$165,200	\$143,200	\$163,400
Site Enclosure	\$3,500			
Site Pavements	\$59,100			
Elevators/Escalators	\$41,300	\$41,300	\$41,300	\$41,300
Total	\$231,700	\$284,000	\$195,000	\$348,000
Importance Code A	\$41,100	\$34,700	\$34,700	\$85,700
Importance Code B	\$152,100	\$249,300	\$160,400	\$262,300
Importance Code C	\$38,600			
Total	\$231,700	\$284,000	\$195,000	\$348,000



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 #: 2136

rchitecture	Current	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls							
Bronze/Brass	2%		LIFE	* *			
Cast in Place Concrete	2%		LIFE	* *	5	\$21,800	
Masonry: Granite	5% Now	\$186,800	LIFE	* *	5	\$8,200	
	Joint Mortar Miss/E Location : Throug	hout					
Masonry: Limestone	62% 0-2 Joint Mortar Miss/H Location: Throug		LIFE cate, Area	* * Affected : 2%	5	\$101,600	
Metal Panel	5%		2052	* *	5-10	\$75,100	
Metal Coiling Doors	2%		2037	* *	5	\$13,700	
Pre-Cast Concrete	10% Now	\$86,100	LIFE	* *	5	\$71,000	
	Deteriorated Finish Location: Throug Staining/Discoloring Location: Throug	hout g, Extent : Moderate					
Stucco Cement		: Walls Extent : Moderate, A chead Doors Facing	Area Affe	cted : 25%	5	\$24,600	
XX/' 1 XX/ 11	Explanation : Cor	roded Steel Lintels	2052	* *		Φ2.4.C00	
Window Wall Windows	3%		2052		5	\$24,600	
Aluminum	15%		2048	* *	5	\$7,500	
Bronze/Brass	60% Now	\$581,900	2040	* *	5	\$94,100	
	Air Infiltration, Exte Location: Throug Ctrwt/Balnc Not Fu Location: Throug Hardware Missing, Location: Throug	ent : Moderate, Area hout nct, Extent : Modera hout Extent : Moderate, 2	Affected	Affected : 20%			
Glass Block	10%		LIFE	* *	5	\$3,100	
Steel	Deteriorated Finish Location: Tower S Thermally Inefficien	Stairs, Sections Of S , Extent : Moderate, Stairs, Sections Of S	outh Fac Area Aff outh Fac c, Area Aj	ades lected : 50% ades ffected : 100%	5	\$47,000	
Daranata	Location: Tower k	nairs, sections Of S	оит Гис	uues			
Parapets Masonry: Limestone	65%		LIEE	* *	5	¢15 700	
Masonry: Limestone Pre-Cast Concrete	65% 25%		LIFE LIFE	* *	5 5	\$15,700 \$30,200	
Stucco Cement	25% 10% Now	\$6,400	2045	* *	5	\$30,200	
Stucco Cement	Cracking/Crumbling Location: Throug	g, Extent : Moderate			5	φ2,300	

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 #: 2136

Architecture		Current F	Repair	Futur	ture Replacement Maintenanc		aintenance	е	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior									
Roof									
Modified Bitumen	100%			2037	* *	10	\$237,000		
Soffits									
Masonry: Limestone	5%			LIFE	* *	5	\$200		
Stucco Cement	95%			2037	* *	5	\$13,700		
terior									
Floors	-0/			2021	* 40.4.400	_	420.500		
Carpet	5%			2031	\$494,400	3	\$38,600		
Cast in Place Concrete	12%			LIFE	**	5	\$135,100		
Ceramic Tile	5%			2035	* *	5	\$25,700		
Terrazzo	13%			LIFE	* *	5	\$52,300		
Vinyl Tile	25%		0- 00 2 00	2037	**	3	\$48,300		
Vinyl Tile 9" X 9"	40%		\$789,300	2032	\$39,467,100	3	\$77,200		
			Extent : Moderate	, Area Af	fected : 10%				
			Book Stack Areas						
	_		tent : Light, Area A	ffected :	25%				
	Location	i : Various I	Book Stack Areas						
Interior Walls	400/				de de				
Cast in Place Concrete	10%			LIFE	* *	_	0.1 0. 7 00		
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%			LIFE	* *	_			
Plaster	43%			LIFE	**	5	\$119,200		
Wood	10%			LIFE	* *	5	\$369,600		
Ceilings									
AcousTileConcealSpLn			\$153,300	2045	**	5	\$109,600		
		-	ents, Extent : Mode	erate, Are	ea Affected : 5%				
	Location	i : Various I	Book Stack Areas						
AcousTileSusp.Lay-In	10%			2045	* *	5	\$50,100		
Exposed Struc: Concrete	e 10%			LIFE	* *	5	\$7,800		
Gypsum Board	15%			LIFE	* *	5	\$94,000		
Plaster	30%			LIFE	* *	5	\$94,000		
te Enclosure									
Fence/Gates									
Iron Picket	100%			2052	* *				
Retaining Walls									
Cast in Place Concrete		Now	\$3,500	2052	* *				
	_	Crumbling, 1 : Rear Pai	Extent : Moderate rking Area	, Area Af	fected : 5%				
		ervation, E 1 : Rear Pai	xtent : N/A, Area A rking Area	ffected :	100%				
			Is Actually A Limes	tone Cla	d Wall				

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.

Asset #: 2136

Architecture		Current F	Repair	Futu	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
te Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	\$20,500	2037	* *			
	Broken/M	issing Elem	ents, Extent : Mode	erate, Ar	ea Affected : 5%			
	Location	ı : Various I	Locations On Flatb	ush Aver	nue Side			
On-Site Walkways								
Cast in Place Concrete	35%	Now	\$24,900	2037	* *			
	Cracking/Crumbling, Extent: Moderate, Area Affected: 10%							
	Location	: North Go	ate Entrance					
Masonry: Granite	65%	Now	\$167,800	LIFE	* *			
•	Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
	Location	i : Main En	try Plaza					
Parking/Driveway								
Asphalt	95%	0-2	\$11,600	2035	* *			
	Cracking/Crumbling, Extent: Moderate, Area Affected: 15%							
	Location	ı : Drivewa	y Entry Area On Fl	atbush A	lvenue Side			
Cast in Place Concrete	5%	Now	\$2,100	2037	* *			
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 10%			
	_	_	Area By Drain		-			

ectrical	Current Repair	Future R	eplacement	M	aintenance			
tem Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
ler 600 Volts								
Service Equipment								
Molded Case Bkrs	100%	2052	* *	5	\$9,200			
	Other Observation, Extent	: N/A, Area Affected : 100	0%					
	Location: Electrical Roo	m						
	Explanation: Two 4,000	Ampere Main Disconnect	Switches					
Transformers								
Dry Type	100%	2045	* *	5	\$1,300			
7 71	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Electrical Room							
	Explanation: Two 500 Ki	lovolt-ampere 208/120 P	ri - 480 Sec					
Switchgear / Switchboard								
Molded Case Bkrs	100%	2052	* *	5	\$9,200			
Raceway								
Conduit	80%	2032	\$230,000	1				
Conduit	20%	2052	* *	1				
Panelboards								
Fused Disc Sw	10%	2048	* *	5	\$800			
Molded Case Bkrs	60%	2031	\$117,100	5	\$5,500			
Molded Case Bkrs	30%	2048	* *	5	\$2,800			
Wiring					· · · · · · · · · · · · · · · · · · ·			
Thermoplastic	50%	2032	\$145,600	1				
Thermoplastic	50%	2052	**	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

Electrical	Current Repair	Future F	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%	2030	\$726,400	5	\$1,700			
Variable Frequency	30%	2045	* *					
Drive								
Ground								
Grounding Devices	1000/	LIEE	* *	_	¢£ 100			
Generic	100%	LIFE		5	\$5,100			
Stand-by Power Transfer Switches								
Under Construction	100%							
Generators	10070							
Under Construction	100%							
Batteries	10070							
Under Construction	100%							
Fuel Storage	10070							
Under Construction	100%							
Lighting								
Interior Lighting								
Fluorescent	35%	2037	* *	10	\$112,400			
	T-8 Lamps And Fixtures, Extent : Lig Location : Throughout The Buildin		ed : 100%					
Fluorescent	5%	2027	\$212,200	10	\$16,100			
1 Idoloseom	T-8 Lamps And Fixtures, Extent: Light, Area Affected: 100%							
	Location : Throughout The Buildin							
Fluorescent	10%	2027	\$424,400	10	\$32,100			
Tuorescent	Compact Fluorescent Light, Extent : Location : Basement			10	ψ32,100			
LED	50%	2040	* *					
Egress Lighting								
Emergency, Battery	50%	2037	* *	10	\$42,200			
Exit, Battery	50%	2037	* *	10	\$11,800			
Exterior Lighting								
Fluorescent	1%	2032	\$15,200	10	\$300			
	Compact Fluorescent Light, Extent : Location : Roofs	Light, Area Afj	fected : 100%					
LED	24%	2040	* *					
No Component	75%							
Alarm								
Security System								
No Component	70%							
Generic	30%	2037	* *	1	\$39,200			
	Other Observation, Extent: N/A, Area Affected: 100%							
	Location : Throughout The Buildin	-						
	Explanation : CCTV Surveillance S	System						

Maintenance \$ are aggregated over a 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		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm							
Fire/Smoke Detection							
No Component	80%						
Generic, Digital	20%		2037	* *	1-3	\$43,100	

Mechanical	Current Repair		Future Replacement		Maintenance				
System Component Type	% of Fail Da Total (Year	ite Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
leating									
Energy Source Interruptible Gas/Dual Fuel	100%		2052	* *	1				
	Other Observation	n, Extent : N/A, Area A	ffected :	100%					
	Location: Basement								
	Explanation: O	ne Tank Of 15,000 Ga	llons						
Conversion Equipment									
Steam Boiler	100%		2045	* *	1	\$346,600			
		ı, Extent : N/A, Area A	ffected :	100%					
	Location : Basement								
	Explanation: 3	Boilers							
Distribution									
Steam Piping/Pump	100%		2042	* *					
Terminal Devices	500/					4440.000			
Air Handler	60%		2027	\$4,292,300	1	\$129,900			
Convector/Radiator	40%		2037	* *	1	\$45,200			
ir Conditioning									
Energy Source	1000/		20.40	* *	1				
Electricity	100%		2040	7. 7.	1				
Conversion Equipment Reciprocating Compr/Chiller	70%		2032	\$3,925,800	1	\$113,600			
Compi/Cimici	R-134a Refrigerant, Extent : Light, Area Affected : 100% Location : Chillers Penthouse								
Exterior Pkg Unit - Cooling	15%		2032	\$625,200	2	\$3,200			
Split Unit	15%		2037	* *					
Distribution									
CW & CHW Wtr	100%		2042	* *	4	\$17,300			
Pipe/Pump						-			
Terminal Devices									
Air Handler/Cool/Ht	100%		2032	\$7,376,300	1	\$216,400			
Heat Rejection Air Cooled Condenser	15%		2032	\$165,100	2	\$36,600			
Unit Water Cooling Tower	85%		2033	\$1,632,100	2	\$299,400			
entilation				- ,,		, 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.

BROOKLYN PUBLIC LIBRARY - 038 BROOKLYN CENTRAL LIBRARY

Asset # : 2136

Mechanical	Cı	ırrent Repai	r	Futur	e Replacement	M	aintenance	
System Component Type		l Date Estir ears)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$195,200	
Exhaust Fans								
Interior	95%			2027	\$1,601,700	2	\$10,200	
Roof	5%			2032	\$36,900	2	\$500	
lumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater With Tanks								
Gas Fired	100% N		\$400	2032	\$18,600	2		
	Broken, Exten			100%				
	Location : St	ıb-basement						
Sanitary Piping	1000/							
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)							*	
Non-Submersible	100%			2032	\$76,100	4	\$11,100	
Sewage Ejector(s)								
Compressed Air	100%			2032	\$122,900	4	\$5,300	
Backflow Preventer								
Generic	100%			2037	* *	1	\$21,400	
Fixtures	4000/							
Generic	100%							
Vertical Transport								
Elevators	1000/			LIDE	* *			
Geared Traction	100%	F	37/4 4 4	LIFE				
	Other Observa Location : V			јјестеа :	100%			
Eggalota :	Explanation	. seven Unit	S					
Escalators Under 20' Rise	100%			LIFE	* *			
Onder 20 Kise	100% Other Observa	ition Extent	· N/A Avaa A					
	Location : 1s		,	ујестеи .	100/0			
	Explanation Explanation		O1					
ire Suppression	Блриниион	. IWO OHIIS						
Standpipe								
Generic	100%			2052	* *	1-5	\$176,500	
Sprinkler	20070						<i>\$110,000</i>	
No Component	60%							
Generic	40%			2052	* *	1-2	\$39,200	
Chemical System	.070						<i>\$27,200</i>	
No Component	95%							
Generic	5%			2027	\$4,400	1-3	\$4,000	
	Other Observe	ition, Extent	: N/A, Area A				Ψ 1,000	
	Location : P		,	,				
	Explanation		iling Station					

Maintenance \$ are aggregated over a 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 BROOKLYN CENTRAL LIBRARY

Asset #: 2136

Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 30-Apr-2021 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1, Mez

Block : 3489 Lot : 150 BIN : 3080669

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical	\$69,700	\$46,500
Mechanical	\$78,300	\$115,200
Total	\$148,000	\$161,700
Importance Code B	\$148,000	\$161,700
Total	\$148,000	\$161,700

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$21,300			
Interior Architecture	\$43,300		\$1,100	\$1,700
Electrical	\$10,100	\$300	\$400	\$6,300
Mechanical	\$2,600	\$1,000	\$3,100	\$56,200
Site Enclosure	\$2,800			
Site Pavements	\$1,500			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$85,600	\$5,300	\$8,600	\$68,100
Importance Code A	\$21,900	\$500	\$500	\$700
Importance Code B	\$47,900	\$4,800	\$7,400	\$67,500
Importance Code C	\$15,800		\$700	
Total	\$85,600	\$5,300	\$8,600	\$68,100



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 #: 13238

Architecture		Current	Repair	Futur	e Replacement	М	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls	0.50/			LIEE	* *	_	#21 000		
Masonry: Brick	85%		4 . I :- l.4 A ACC	LIFE	* *	5	\$21,000		
		nce, Extent n : Through	t : Light, Area Affec	tea : 5%					
		_	oui , Extent : Light, Are	a Affaat	ad . 200/				
	_	n : Through	-	ги Ајјест	eu . 2070				
				LIDE	* *		# 000		
Masonry: Granite	5%		Ф2 000	LIFE	* *	5	\$900		
Masonry: Limestone		Now	\$3,900 nents, Extent : Mod	LIFE		5	\$1,900		
		issing Eien n : Rear Wi		erate, Ar	ea Affectea : 5%				
Windows	Locuitor	i. Kear wi	naow Siiis						
Aluminum	100%			2048	* *	5	\$2,900		
Parapets	10070)		2046		3	\$2,900		
Masonry: Brick	50%			LIFE	* *	5	\$1,500		
Metal Rail	40%			2049	* *	5-10	\$21,000		
Pre-Cast Concrete	10%			LIFE	* *	5	\$1,800		
Roof	1070	<u> </u>		LII L			Ψ1,000		
Modified Bitumen	100%	2-4	\$9,300	2037	* *				
	Ponding,	Extent : Lig	ght, Area Affected : 10%						
	Location	ı:Roof							
Soffits									
Masonry: Brick	100%	ı		LIFE	* *	5			
Interior									
Floors									
Cast in Place Concrete	20%			LIFE	* *	5	\$8,100		
Ceramic Tile	5%			2041	* *	5	\$900		
Vinyl Tile	75%		\$19,000	2037	**	3	\$5,200		
		_	nents, Extent : Ligh	t, Area Aj	ffected: 2%				
		n : Mezzani		4 4	CC 1 100/				
	_	Crumbling; n : Through	, Extent : Moderate out	, Area A <u>j</u>	fected: 10%				
		_	nt, Extent : N/A, Arc	ea Affecti	ed : 10%				
		n : 1st Floo							
	Uneven Si	ubstrate, Es	xtent : Moderate, A	rea Affec	ted : 15%				
		n : 1st Floo		00					

Maintenance \$ are aggregated over a 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	Repair	Futur	e Replacement	М		
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%			2041	* *	5	\$1,400	
Concrete Masonry Unit	5%			LIFE	* *	5	\$500	
Gypsum Board	50%			LIFE	* *	5	\$8,200	
Masonry: Brick	10%		\$10,300	LIFE	**			
			, Extent : Moderate	, Area Aj	fected: 10%			
		U	out Basement	1 00	. 1 100/			
			xtent : Moderate, A					
			leter Room And Red					
Plaster		Now	\$4,000	LIFE	* *	5	\$2,500	
	_	_	, Extent : Moderate	-				
			nt And Southwest C					
			xtent : Moderate, A		cted : 5%			
·	Location	ı : İst Floo	r Southwest Corner	•				
Ceilings	2.70/		44.600		ale ale	_	4. - 0.00	
Gypsum Board		Now	\$1,600	LIFE	**	5	\$5,800	
			xtent : Moderate, A		cted: 5%			
			Below Mezzanine F					
Plaster		Now	\$8,400	LIFE	* *	5	\$8,700	
	_	_	, Extent : Moderate	, Area Aj	fected : 5%			
		_	out Basement					
	_	_	, Extent : Light, Are		ed : 5%			
= .	Location	ı : İst Floo	r Southwest Corner	•				
Site Enclosure								
Fence/Gates	1000/			207	* *			
Iron Picket	100%			2067	~ ~ ~			
Retaining Walls	250/			2052	* *			
Cast in Place Concrete	25%		#2 000	2052	* *			
Masonry: Brick	75%		\$2,800 nents, Extent : Mod	2052				
		issing Eien 1 : Ramp	ienis, Exieni . Moa	eruie, Ar	eu Ajjecieu . 576			
C:4- D	Locuitor	i . Kump						
Site Pavements Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
Cast in Frace Concrete			, Extent : Light, Are		ed · 5%			
	_	ı : Through	-	<i>a 11,1,1</i> ee t				
On-Site Walkways	<u> </u>							
Cast in Place Concrete	75%			2045	* *			
Pavers/Stone	25%		\$700	2041	* *			
1 avers/ Stone			rod, Extent : Moder		Affected · 25%			
		ı : Front Ei		, 11100	,,,,,,,,,,,,,			
Parking/Driveway			,					
Cast in Place Concrete	100%	0-2	\$800	2037	* *			
Cast III I face Concrete			, Extent : Light, Are		ed : 5%			
	_	ı : Drivewa	-	33				

Maintenance \$ are aggregated over a 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 Rep	pair F	utur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)		ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•	•					
Service Equipment							
Molded Case Bkrs	100%)32	\$43,000	5	\$300	
	Other Observation, Exte		ted :	100%			
	Location : Electrical F			D : 14:200.4			
G :: 1 / G :: 11 1	Explanation : Main Se	rvice Disconnect Sw	ritch	Rated At 200 Amp	eres.		
Switchgear / Switchboard Molded Case Bkrs	100%	20)32	\$43,000	5	\$300	
	10070	20)32	\$43,000	5	\$300	
Raceway Conduit	100%	20)32	\$36,500	1		
Panelboards	10070	20	134	\$30,300	1		
Fused Disc Sw	5%	20)31	\$1,000	5		
Molded Case Bkrs	95%)31	\$18,800	5	\$300	
Wiring			,,,,	ψ10,000		4200	
Braided Cloth	30% 2-4	\$9,900 20)57	* *	1		
	Insulation Aged, Extent		fecte	d : 100%			
	Location : Throughout	The Building					
Thermoplastic	70%	20)32	\$23,100	1		
Motor Controllers				. , , , , , , , , , , , , , , , , , , ,			
Locally Mounted	100%	20)30	\$47,300	5	\$100	
Ground							
Grounding Devices							
Generic	100%	LI	FE	* *	5	\$200	
Lighting							
Interior Lighting	600/	•		# CO T OO	1.0	Φ.5.000	
Fluorescent	60%)27	\$69,700	10	\$5,800	
	Other Observation, Exte Location : Reading Ar		iea :	100%			
	Explanation: T-12 La						
Elyanagaant	35%)32	\$40.700	10	\$2.400	
Fluorescent	35% Other Observation, Exte		_	\$40,700	10	\$3,400	
	Location : Basement	mi . IVA, Area Ajjeci	ieu .	100/0			
	Explanation: T-8 Lam	ns					
Fluorescent	5%)32	\$5,800	10	\$500	
Tuorescent	Other Observation, Exte			· ·	10	\$300	
	Location : Basement	14/11, 11/00 11/JCC	ica .	10070			
	Explanation : Compac	t Fluorescent Lights					
Egress Lighting	1						
Emergency, Battery	50%	20)32	\$8,700	10	\$1,300	
Exit, Service	50%)32	\$1,800	1	-	
Exterior Lighting							
HID	20%	20)32	\$9,700	10		
No Component	80%						

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 #: 13238

Electrical	Current Rep	air Futur	e Replacement	М	aintenance		
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Alarm							
Security System							
No Component	70%						
Generic	30%	2037	* *	1	\$1,200		
	Other Observation, Exten	nt : N/A, Area Affected :	100%				
	Location : Reading Are	as, Outside Perimeter					
	Explanation : CCTV St	ırveillance Cameras					
Fire/Smoke Detection							
No Component	80%						
Generic, Analog	20%	2037	* *	1-3	\$1,300		
	Other Observation, Exter	Other Observation, Extent : N/A, Area Affected : 100%					
	Location : Reading Are	eas					
	Explanation : Alarm Be	ells And Pull Stations Or	ılv				

Mechanical	Current Repair	Futur	e Replacement	M	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%	2052	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2045	* *	1	\$5,200	
	Other Observation, Extent : Light, A	1rea Affected	: 100%			
	Location: Basement Boiler Room					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2040	* *	4	\$800	
Terminal Devices						
Air Handler	40%	2027	\$78,300	1	\$2,600	
Convector/Radiator	60%	2037	* *	1	\$2,000	
air Conditioning						
Energy Source						
Electricity	100%	2048	* *	1		
Conversion Equipment						
Interior Pkg Unit -	70%	2030	\$115,200	2	\$500	
Cooling						
C	Other Observation, Extent : Light, A	Area Affected	: 60%			
	Location : First Floor					
	Explanation : Multiple Portable U	nits, Uneven	Coling			
Window/Wall Unit	15%	2027	\$5,900	1		
No Component	15%	'	4-,200	-		
Heat Rejection						
Evaporative Condenser	85%	2032	\$39,500	2	\$6,200	
No Component	15%	2032	ψ37,300	_	Ψ0,200	
Ventilation	1070					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,900	

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 #: 13238

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								
Exhaust Fans								
Interior	70%			2027	\$32,300	2	\$200	
Not Accessible	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	\$16,900	2		
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 Obs	servation, E	Extent : Light, Area	Affected	: 100%			
	Location	ı : Basemer	t, 1st, Mezzanine					
	Explana	tion : One l	<i>Unit</i>					

Maintenance \$ are aggregated over a 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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 26-Oct-2021 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1, Mez

Block : 3098 Lot : 19 BIN : 3071470

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$516,400	
Interior Architecture	\$83,300	\$313,900
Electrical		\$58,900
Mechanical		\$321,200
Total	\$599,800	\$694,000
Importance Code A	\$516,400	
Importance Code B		\$694,000
Importance Code C	\$83,300	
Total	\$599,800	\$694,000

Total	\$229,200	\$7,500	\$29,800	\$9,600
Importance Code C	\$21,500			\$500
Importance Code B	\$136,900	\$7,000	\$7,200	\$8,600
Importance Code A	\$70,800	\$500	\$22,600	\$500
Total	\$229,200	\$7,500	\$29,800	\$9,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Site Pavements	\$26,400			
Mechanical	\$5,000	\$2,600	\$2,400	\$2,100
Electrical	\$67,300	\$1,000	\$1,100	\$1,300
Interior Architecture	\$56,300		\$300	\$2,200
Exterior Architecture	\$70,300		\$22,100	
EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027



Maintenance \$ are aggregated over a 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	Repair	Future F	Replacement	M	aintenance	Cost Priorit		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
xterior									
Exterior Walls Cast Stone/Terra Cotta	10% Now Cracking/Crumbling Location: Column. Joint Mortar Miss/En Location: Main En	s At Main Entrance rod, Extent : Moder			5	\$17,700			
Masonry: Brick	85% 0-2 Efflorescence, Extend Location: Through Spalling, Extent: Mo Location: Through Water Penetration, E	out oderate, Area Affect out	ed : 10%		5	\$19,200			
	Location: Through	out							
Metal Panel	5% Corrosion/Rusting, E Location: Equipme	-	2043 Affected : 5	**	5-10	\$7,800			
Windows Wood	100%		2041	* *	5	\$44,200			
Parapets Cast Stone/Terra Cotta	10% Now Water Penetration, E Location: Entire P Other Observation, I Location: Entire P Explanation: Cove	erimeter Extent : N/A, Area A erimeter			5	\$1,400			
Masonry: Brick	90% Now Water Penetration, E Location: Entire P	\$203,000 Extent : Severe, Area	LIFE a Affected :	**	5	\$1,600			
Roof	Location . Entire F	erimeier							
Modified Bitumen	100%		2038	* *	10	\$15,100			
Soffits Cast Stone/Terra Cotta	100%		LIFE	* *	5	\$15,100			
terior	100/0		21111			Ψ13,100			
Floors Cast in Place Concrete Ceramic Tile	5% 5% Worn/Eroded, Extent	: Light, Area Affec	LIFE 2042 ted : 25%	* *	5 5	\$3,000 \$700			
	Location : Through	out							
Sheet Vinyl/Rubber Vinyl Tile	5% 85% Now Broken/Missing Elen Location: Through Cracking/Crumbling	out Main Library A	lrea		5 3	\$1,000 \$4,300			

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 #: 13239

Architecture	Current	Repair	Future	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Interior Walls	50/		20.42	* *	-	Ф000	
Ceramic Tile	5%	#92.200	2042	* *	5	\$900	
Plaster	95% Now Cracking/Crumbling	\$83,300	LIFE		5	\$5,200	
	0 0	, Extent : Moderate 10ut Perimeter Exte					
	Staining/Discoloring						
		nout Perimeter Exte					
	Water Penetration, E						
		nout Perimeter Exte					
Ceilings							
AcousTileConcealSpLn	90% Now	\$19,400	2038	* *	5	\$7,600	
	Cracking/Crumbling		, Area Afj	fected: 15%			
	Location: South W		4 4/	C . 1 500/			
	Staining/Discoloring Location: First Flo		e, Area Af	tected: 30%			
	Water Penetration, E		raa Affaa	tad · 25%			
	Location: Through		гей Ајјес	iea . 2570			
	Worn/Eroded, Extent		Affected ·	50%			
	Location : First Flo						
AcousTileSusp.Lay-In	5%		2046	* *	5	\$700	
Plaster	5% Now	\$4,100	LIFE	* *	5	\$400	
	Cracking/Crumbling		, Area Afj	fected : 20%			
	Location : Through	nout Perimeter Exte	rior Wall.	5			
	Staining/Discoloring Location: Through	g, Extent : Moderate hout Perimeter Exte					
Site Enclosure							
Fence/Gates	000/		20.52	ate ate			
Iron Picket	90%		2053	* *			
Masonry: Brick	10%		2043	* *			
Free Standing Walls Masonry: Fieldstone	100%		2053	* *			
Retaining Walls	10070		2033				
Concrete Masonry Unit	100%		2043	* *			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100% 4+	\$4,900	2038	* *			
	Cracking/Crumbling	-	ea Affecte	d : 5%			
	Location : Through	nout					
On-Site Walkways	7.50/		2020	* *			
Cast in Place Concrete	75%	¢21 500	2038	* *			
Pavers/Stone	25% 4+ <i>Joint Mortar Miss/E</i>	\$21,500	2036				
	Location: Through		ин, Агей	луестви . 10/0			
Parking/Driveway							
Asphalt	100%		2042	* *			

Maintenance \$ are aggregated over a 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 Repa	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment	500/	2022	¢1 000	-		
Fused Disc Sw	50%	2033	\$1,900	5		
	Other Observation, Extended Location: Electrical Re	**	100%			
	Explanation : Main Ser		Rated At 200 Amn	oros		
Maldad Cara Dlana		2033			\$100	
Molded Case Bkrs	50% Other Observation, Exten		\$21,500	5	\$100	
	Location : Electrical Ro	**	100/0			
	Explanation : Main Ser		Rated At 350 Amn	oros		
Switchgear / Switchboard	Explanation . Main Ser	vice Disconnect Switch	Kutea At 330 Amp	e / e s		
Molded Case Bkrs	100%	2033	\$43,000	5	\$300	
Raceway	10070	2033	\$75,000		\$300	
Conduit	20%	2053	* *	1		
Conduit	80%	2033	\$29,200	1		
Panelboards	0070	2033	\$27,200	1		
Fused Disc Sw	5%	2041	* *	5		
Molded Case Bkrs	75%	2032	\$14,800	5	\$200	
Molded Case Bkrs	20%	2041	**	5	\$100	
Wiring	2070	2011			Ψ100	
Braided Cloth	80% 2-4	\$26,400 2058	* *	1		
2141000 21041	Insulation Aged, Extent:		d : 100%	-		
	Location: Throughout					
Thermoplastic	20%	2053	* *	1		
Motor Controllers	2070	2033		-		
Locally Mounted	80%	2031	\$37,900	5	\$100	
Locally Mounted	15%	2038	**	5	Ψ100	
Locally Mounted	5% 2-4	\$2,400 2053	* *	5		
200000 112000000	Other Observation, Exten	. ,	: 100%	C		
	Location : Mezzanine	<i>G</i> , <i>W</i>				
	Explanation: Mezzanin	e HVAC Showed Signs	Of Corrosion			
Ground	*					
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
Lighting						
Interior Lighting						
Fluorescent	50%	2028	\$58,900	10	\$4,900	
	T-12 Lamps And Fixtures	Extent : Light, Area Aj	fected : 100%			
	Location : Reading Area	as				
Fluorescent	25%	2038	* *	10	\$2,400	
	T-8 Lamps And Fixtures,	Extent : Light, Area Aff	ected : 100%			
	Location: Basement					
Fluorescent	5% Now	\$5,900 2043	* *			
	Malfunctioning, Extent:	-	00%			
	Location : Light In HVA					
LED	20%	2038	* *			
LED	2070	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.

Asset #: 13239

Electrical	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
Lighting							
Egress Lighting							
Emergency, Battery	50%		2038	* *	10	\$1,300	
Exit, Service	50%		2038	* *	1		
Exterior Lighting							
HID	10%		2028	\$4,900	10		
LED	20%		2038	* *			
No Component	70%						
Alarm							
Security System							
Generic	100%		2038	* *	1	\$4,000	
	Other Observation, Ex	ctent : Light, Area A	Iffected	: 100%			
	Location : Inside An	d Outside					
	Explanation: CCTV	Surveillance Came	eras, Ini	rusion Alarms			
Fire/Smoke Detection							
Generic, Analog	100% Now	\$27,200	2043	* *	1-3	\$6,000	
	Malfunctioning, Exten	t : Light, Area Affe	cted : 1	00%		•	
	Location : Througho						

Mechanical	Current Repair	Future	Future Replacement Maintenance				
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%	2043	* *	1			
Conversion Equipment							
Hot Water Boiler	100%	2038	* *	1	\$5,300		
	Other Observation, Extent : N	/A, Area Affected : 1	100%				
	Location: Basement Boiler	Room					
	Explanation: One Unit						
Distribution							
Hot Wtr Piping/Pump	100%	2041	* *	4	\$800		
	Other Observation, Extent : N	/A, Area Affected : 1	100%				
	Location: Basement						
	Explanation: 2 Pumps; 1 St	and-by					
Terminal Devices		•					
Air Handler	60%	2033	\$119,000	1	\$4,000		
	Other Observation, Extent : N	/A, Area Affected : 1	100%				
	Location: Basement						
	Explanation : See Air Condi	tioning Terminal De	vices				
Convector/Radiator	40%	2038	* *	1	\$1,400		
Air Conditioning	·				·		
Energy Source							
Electricity	100%	2041	* *	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 #: 13239

Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Terminal Devices Air Handler/Dir Expansion	100%	2028	\$202,100	1		
•	Other Observation, Extent : N Location : Basement Explanation : 3 Units	/A, Area Affected : 100	0%			
Heat Rejection Air Cooled Condenser Unit	70%	2033	\$21,400	2	\$5,200	
	Other Observation, Extent: N Location: Roof Explanation: R-410	/A, Area Affected : 60%	6			
Air Cooled Condenser Unit	30%	2028	\$9,200	2	\$2,200	
	Other Observation, Extent : N Location : Roof	/A, Area Affected : 30%	6			
	Explanation : R-22 Refriger	ant				
Ventilation Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$9,400	
Exhaust Fans Interior	100%	2028	\$46,800	2	\$300	
Plumbing						
H/C Water Piping Brass/Copper	100%	2043	* *	1		
Water Heater With Tanks						
Gas Fired	100%	2028	\$16,900	2		
	Other Observation, Extent : N	/A, Area Affected : 100)%			
	Location: Basement	7				
Conitory Dining	Explanation: 75 Gallon Tan	<u>K</u>				
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s) Electric	100%	2033	\$5,500	4	\$600	
Fixtures						
Generic	100%					
Vertical Transport Elevators						
Hydraulic	100% Other Observation, Extent: L Location: Basement To Mez 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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$18,400		\$7,100	\$300
Interior Architecture	\$2,700	\$500		\$1,600
Electrical	\$400	\$400	\$400	\$500
Mechanical	\$900	\$500	\$60,200	\$500
Site Pavements	\$15,100			
Total	\$37,400	\$1,300	\$67,600	\$2,900
Importance Code A	\$18,900	\$500	\$7,500	\$800
Importance Code B	\$14,200	\$700	\$60,100	\$2,100
Importance Code C	\$4,400	\$100		
Total	\$37,400	\$1,300	\$67,600	\$2,900



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.

BROOKLYN PUBLIC LIBRARY - 038 CANARSIE BRANCH LIBRARY

Asset #: 13620

Architecture		Current	Repair	Futur	e Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Co	st Cycle (Yrs	e Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	Diagonal (Location Horizontal	: East Fac	\$12,400 tent : Moderate, Ar cade, North Facade extent : Moderate, A acade		ed : 10%	* 5	\$3,000	
Stucco Cement	65%			2036	*	* 5	\$14,100	
Windows								
Aluminum	50%			2047	*	* 5	\$600	
Aluminum	50%	Now	\$6,000	2047	*	* 5	\$300	
	Location Caulking I	: East Fac	ed, Extent : Modera	-				
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	\$1,600	
Ceramic Tile	5%			2040	*	* 5	\$700	
Vinyl Tile	90%			2036	*	* 3	\$6,400	
Interior Walls								
Ceramic Tile	5%			2040	*	* 5	\$200	
Concrete Masonry Unit	10%			LIFE	*	* 5	\$200	
Gypsum Board	85%	0-2	\$1,100	LIFE	*	* 5	\$2,400	
- 7 - 1 - 1 - 1	Cracking/	Crumbling,	Extent : Moderate out First And Secon	, Area Af		-	4_,	
Ceilings								
AcousTileSusp.Lay-In	93%			2048	*	* 5	\$13,200	
	_	_	Extent : Moderate		fected : 2%			
	Location	: Basemer	ıt And Main Librar	y Space				
Exposed Struc: Concrete	5%			LIFE	*	* 5	\$100	
Gypsum Board	2%			LIFE	*	* 5	\$400	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	Cracking/	_	\$11,800 Extent : Moderate ay Parkway	2044 , Area A <u>f</u>		*		
		. 1100.000	.,					
On-Site Walkways	2000000	. 1100,000	9					

Maintenance \$ are aggregated over a 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	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Site Pavements

Parking/Driveway

Asphalt 100% 2-4 \$3,300 2034 **

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

Location : Throughout

Electrical	Current Repair	Future Repla	acement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment Fused Disc Sw	100% Other Observation, Extent : Light, Area Location : Electrical Room Explanation : Main Service Switch Ra	••		5		
Raceway	*	*				
Conduit	100%	2057	* *	1		
Panelboards Molded Case Bkrs	100%	2047	**	5	\$300	
Wiring Thermoplastic	100%	2057	* *	1		
Grounding Devices Not Accessible	100%					
Lighting						
Interior Lighting						
LED	100% Other Observation, Extent: Light, Area Location: Throughout Building Explanation: LED Lighting Fixtures					
Egress Lighting	7 8 8					
Emergency, Battery Exit, Service	50% 50%	2039 2039	* *	10 1	\$1,100	
Exterior Lighting						
HID	10%	2036	* *	10		
LED	40% 2039 ** Other Observation, Extent: Light, Area Affected: 100% Location: Building Exterior Explanation: LED Lighting Fixtures Installed In 2015.					
No Component	50%					
Alarm						
Security System						
Generic	100% Other Observation, Extent: Light, Area Location: Throughout The Building Explanation: CCTV Surveillance Can	••	* *	1	\$3,500	

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 CANARSIE BRANCH LIBRARY

Asset #: 13620

Mechanical	Current Repa	ir Futu	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated 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	
	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location : Basement Eq	uipment Room				
	Explanation: 2 Units					
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2026	\$35,600	1		
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,300	
Exhaust Fans						
Not Accessible	100%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2041	* *	1		
Water Heater With Tanks						
Electric	100%	2026	\$23,400	4		
	Other Observation, Exten		: 100%			
	Location: Basement Eq	uipment Room				
	Explanation: 150 Gallo	n Tank				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2024	\$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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 29-Apr-2021 Landmark Status : NONE

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

Block : 338 Lot : 33 BIN : 3004336

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$268,100	
Interior Architecture		\$305,600
Mechanical	\$74,100	
Total	\$342,200	\$305,600
Importance Code A	\$342,200	
Importance Code B		\$305,600
Total	\$342,200	\$305,600

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$56,300	\$6,000		
Interior Architecture	\$22,000	\$400	\$1,900	
Electrical	\$400	\$400	\$700	\$23,300
Mechanical	\$31,200	\$1,100	\$6,600	\$900
Site Enclosure	\$3,800			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$117,600	\$11,800	\$13,100	\$28,200
Importance Code A	\$56,300	\$6,700	\$700	\$900
Importance Code B	\$37,600	\$5,100	\$11,900	\$27,300
Importance Code C	\$23,700		\$600	
Total	\$117,600	\$11,800	\$13,100	\$28,200



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 #: 13241

chitecture	Current F	Repair	Future	Replacement	Ma	aintenance	
tem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Exterior Walls Masonry: Brick	92% 0-2 Joint Mortar Miss/Er Location: Various I Spalling, Extent: Lig Location: Various I	Locations Through ht, Area Affected : Locations Through	out 15% out		5	\$32,900	
	Vegetation Growth, E Location : Rear And		Area Affec	eted : 8%			
Masonry: Limestone Masonry: Sandstone	5% 3% Now Cracking/Crumbling, Location: Base Thr		LIFE LIFE e, Area Aff	* * * * fected : 25%	5 5	\$1,300 \$800	
	Loose/Delam Surface Location : Base Thr Other Observation, E Location : Building Explanation : This I	roughout Extent : Light, Area · Base	Affected .				
Windows							
Aluminum	80% Now Ctrwt/Balnc Not Fun Location: Through		2040 ate, Area A	* * Affected : 10%	5	\$1,900	
Steel	20%		2040	* *	5	\$12,000	
Parapets Masonry: Brick	70% Now Spalling, Extent: Mo Location: Exterior Other Observation, E Location: Roof	Face		**	5	\$1,700	
	Explanation: Roof	Inaccessible					
Masonry: Limestone	30% Other Observation, E Location : Roof Explanation : Roof		LIFE Affected:	**	5	\$900	
Roof							
Copper/Terne	5% Other Observation, E Location : Roof Explanation : Roof		2060 Affected:	* * 100%	10	\$1,500	
Modified Bitumen	95% Other Observation, E Location: Roof Explanation: Roof	Extent : N/A, Area A	2040 Affected :	**	10	\$11,400	
Soffits							
Masonry: Limestone	100%		LIFE	* *	5	\$900	

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 #: 13241

	Current I	Repair	Futur	e Replacement	M	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
				* *		·	
					5	\$500	
	_	_	t, Area A	ffected : 5%			
		ns					
				* *	5		
77%			2032	\$305,600	3	\$4,200	
						·	
					5	\$1,300	
					5	\$5,000	
_	0	_	ea Affecte	ed : 10%			
Location	ı : Elevator	Foyer					
					_		
					5	\$200	
					_	Φ= 400	
					5	\$7,400	
	-	_	rea Affec	cted:/5%			
Location	ı: Inrougn	out, 2012					
1000/	N	¢2 000	2067	* *			
		enis, Extent . Mout	erute, Ar	eu Affecteu . 1070			
Locuitor	i. Guie						
1000/			2042	* *			
100%			2042				
000/			2052	* *			
270			2042				
100%			2045	* *			
100/0			2073				
95%			2045	* *			
	15% 3% Broken/M Location 5% 5% 10% 5% Cracking/ Location 5% 80% Recent Re Location 100% Broken/M Location 100% 98% 2%	15% 3% Now Broken/Missing Elem Location: Bathroom 5% 77% 5% 5% 10% 5% 75% 0-2 Cracking/Crumbling, Location: Elevator 5% 10% 5% Recent Repair Evider Location: Through	Total (Years) 15% 3% Now \$2,000 Broken/Missing Elements, Extent: Light Location: Bathrooms 5% 77% 5% 5% 10% 5% 75% 0-2 \$19,900 Cracking/Crumbling, Extent: Light, Are Location: Elevator Foyer 5% 10% 5% Recent Repair Evident, Extent: Light, A Location: Throughout, 2012 100% Now \$3,800 Broken/Missing Elements, Extent: Mode Location: Gate 100%	Now \$2,000 2037 Broken/Missing Elements, Extent : Light, Area Affects 10% LIFE 5%	Now \$2,000 2037 *** Broken/Missing Elements, Extent : Light, Area Affected : 5% LIFE *** Total Now S2,000 2037 ** 5	Not Fail Date Estimated Cost Year FY Estimated Cost Cycle (Yrs)	

Electrical		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of F Total	Fail Date (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 #: 13241

Electrical	Current Re	pair Futu	re Replacement	M	aintenance		
System Component Type	% of Fail Date E Total (Years)	Sstimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Service Equipment				_	*		
Molded Case Bkrs	100%	2032	\$43,000	5	\$400		
		ent : N/A, Area Affected .	100%				
	Location: Electrical I		D = 4 - 1 44 500 4				
Switchgear / Switchboard	Explanation : Main Se	ervice Disconnect Switch	Ratea At 500 Amp	eres.			
Molded Case Bkrs	100%	2032	\$43,000	5	\$400		
	10070	2032	\$43,000		\$400		
Raceway Conduit	5%	2052	* *	1			
Conduit	95%	2032	\$34,700	1			
Panelboards	7370	2032	Ψ34,700	1			
Fused Disc Sw	5%	2031	\$1,000	5			
Molded Case Bkrs	95%	2031	\$18,800	5	\$400		
Wiring	75.0	2031	Ψ10,000		ψ100		
Thermoplastic	50%	2032	\$16,500	1			
Thermoplastic	50%	2052	**	1			
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$200		
Lighting							
Interior Lighting							
Fluorescent	10%	2037	* *	10	\$1,300		
		ent : N/A, Area Affected	100%				
	Location : Mezzanine						
	Explanation: T-8 Lan						
LED	90%	2037	* *				
Egress Lighting							
Emergency, Battery	50%	2037	* *	10	\$1,700		
Exit, Service	50%	2037	* *	1			
Exterior Lighting	• • • • • • • • • • • • • • • • • • • •						
HID	30%	2027	\$19,500	10			
No Component	70%						
Alarm							
Security System	700/						
No Component	70%	2027	* *	1	¢1 600		
Generic	30% Other Observation Ext	2037 ent: N/A Area Affected		1	\$1,600		
	Other Observation, Extent : N/A, Area Affected : 100% Location : Reading Areas, Outside Perimeter						
	Explanation: CCTV S						
Fire/Smoke Detection	Елрининон . ССТ в	m ventance Cameras					
No Component	70%						
Generic, Analog	30%	2032	\$10,800	1-3	\$2,600		
Conorro, I manog		ent : N/A, Area Affected .			Ψ2,000		
	Location: Reading Areas, Basement						
		Pull Stations, Alarm Be	lls				

Maintenance \$ are aggregated over a 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	C	urrent Re	pair	Future	Replacement	Ma	aintenance	
System Component Type		ail Date I Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2042	**	1		
			tent : Light, Area	Affected .	100%			
	Location : S			li Di				
Company's Province of	Ехріапапої	n : Ola Oll	l Tank Abandoned	ı in Piace	?			
Conversion Equipment Hot Water Boiler	100%	2-4	\$74,100	2045	* *	1	\$6,300	
Hot water Boller			\$74,100 derate, Area Affec			1	\$0,300	
	Location: S			леи . 100	/0			
			tent : Light, Area	Affected	100%			
	Location : S			престей.	10070			
			as Fired Hot Wate	er Boiler				
Distribution	<i>T</i>							
Hot Wtr Piping/Pump	100%			2040	* *	4	\$1,000	
Terminal Devices							· · · · · · · · · · · · · · · · · · ·	
Convector/Radiator	50%			2045	* *	1	\$2,300	
No Component	50%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Not Accessible	100%							
Distribution								
Ductwork/Diffusers	100%		\$30,600	LIFE	* *	2	\$18,300	
		_	g, Extent : Moder					
	Location : I	First Floor	r, Uneven Heat D	istributio	n			
Terminal Devices	1000/							
Not Accessible	100%							
Heat Rejection Not Accessible	100%							
Ventilation	10070							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,800	
Exhaust Fans	10070			- LII L			Ψ1,000	
Not Accessible	100%							
Plumbing								-
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	\$16,900	2		
	_		t, Extent : Light, .	Area Affe	cted : 100%			
	Location : I	Boiler Roo	om					
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.

Asset #: 13241

Mechanical	Current Repa	ir Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sump Pump(s)						
Non-Submersible	100%	2037	* *	4	\$400	
Backflow Preventer						
Not Accessible	100%					
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%					
	Location: Basement To	Mezzanine				
	Explanation: One Unit					

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

Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Mechanical	\$123,600	\$125,900
Total	\$123,600	\$125,900
Importance Code B	\$123,600	\$125,900
Total	\$123,600	\$125,900

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture		\$12,000	\$100	
Interior Architecture	\$300		\$1,300	
Electrical	\$400	\$600	\$400	\$400
Mechanical	\$49,900	\$17,800	\$1,800	\$800
Site Pavements	\$1,500			
Total	\$52,100	\$30,400	\$3,600	\$1,300
Importance Code A	\$49,300	\$12,500	\$500	\$400
Importance Code B	\$2,900	\$17,900	\$3,100	\$900
Importance Code C				
Total	\$52,100	\$30,400	\$3,600	\$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 CLARENDON BRANCH LIBRARY

Asset #: 13240

Architecture	Current R	epair	Future	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							
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	\$1,300	
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	
nterior							
Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$1,300	
	Paint Peeling, Extent:		ted : 25%	ó			
	Location : Mechanic	al 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, Ex		ffected:	100%			
	Location : Main Seat	-					
	Explanation : Actual	Material Is Fabrio					
Gypsum Board	10%		LIFE	* *	5	\$1,500	
Site Enclosure							
Fence/Gates							
Iron Picket	100%		2065	* *			
	Deteriorated Finish, E Location : Along Nos		Affected	! : 5%			
lite Pavements							
Public Sidewalk							
Cast in Place Concrete	100% 4+	\$1,500	2043	* *			
	Misaligned/Bulging, E Location : Along Nos		Affected	1 : 5%			
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 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
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2040	* *	5	\$200	
			xtent : Light, Area	Affected	: 100%			
		: Electrica						
	Explana	tion : Main	Service Disconnec	t Rated A	At 500 Amperes			
Switchgear / Switchboard	1000/			20.40	de de	_	#2 00	
Molded Case Bkrs	100%			2040	* *	5	\$200	
Raceway	1000/			20.40	* *			
Conduit	100%			2040	* *	1		
Panelboards	100/			2020	* *	_		
Fused Disc Sw	10%			2038	* *	5	#200	
Molded Case Bkrs	90%			2038	* *	5	\$200	
Wiring	1000/			2040	* *	1		
Thermoplastic	100%			2040		1		
Motor Controllers	1000/			2025	* *	-	¢100	
Locally Mounted	100%			2035		5	\$100	
Ground Davises								
Grounding Devices Generic	100%			LIFE	* *	5	\$100	
Lighting	10070			LIFE			\$100	
Interior Lighting								
LED	100%			2035	* *			
Egress Lighting	10070			2033				
Emergency, Battery	50%			2030	\$6,500	10	\$900	
Exit, Service	50%			2030	\$1,300	1	Ψ, σσ	
Exterior Lighting	2070			2030	Ψ1,500	-		
LED	50%			2035	* *			
222		ervation, E	xtent : Light, Area		: 100%			
		: Perimete		33				
	Explana	tion : Oper	ated Via Photocell					
No Component	50%							
Alarm	2070							
Security System								
No Component	50%							
Generic	50%			2035	* *	1	\$1,500	
		ervation, E	xtent : Light, Area		: 100%		4-,	
			out The Building	55				
			rillance Cameras					
Fire/Smoke Detection								
No Component	50%							
Generic, Analog	50%			2030	\$10,000	1-3	\$2,500	
, 5		ervation, E	xtent : Light, Area				. , .	
		Location: Throughout The Building						
			n Bells, Manual Pu	ll Station	ı, 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 Repair		Futur	Future Replacement		Maintenance	
System Component Type		ail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2040	* *	1		
Conversion Equipment							
Hot Water Boiler		0-2 \$49,300 d Life, Extent : Severe, Area Boiler Room	2050 a Affected	* * : 100%	1	\$3,500	
Distribution							
Hot Wtr Piping/Pump	Location:	vation, Extent : Moderate, Boiler Room on : Pump Controls Issues	2038 Area Affe	** cted : 20%	4	\$400	
Terminal Devices	*						
Air Handler	85%		2025	\$123,600	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	\$125,900	2	\$500	
rieating/Cooling		erant, Extent : Light, Area 2 Equipment Room	Affected :	100%			
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,300	
Exhaust Fans	1000/		• • • •	44.5.000		**	
Roof	100%		2030	\$15,000	2	\$200	
Plumbing							
H/C Water Piping Brass/Copper	100%		2040	* *	1		
Water Heater With Tanks	10070		2040		1		
Gas Fired	100%		2025	\$16,900	2		
Sanitary Piping	100/0		2023	\$10,500			
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070				1		
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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$72,700	\$242,200
Interior Architecture		\$249,800
Total	\$72,700	\$492,100
Importance Code A	\$72,700	\$242,200
Importance Code B		\$249,800
Total	\$72,700	\$492,100

\$2,700			
\$9,900	\$52,100	\$4,500	\$3,000
\$26,600	\$500	\$700	\$400
\$39,200	\$52,600	\$5,200	\$3,400
\$2,700			
\$1,200	\$1,900	\$3,900	\$1,900
\$500	\$50,700	\$400	\$400
\$8,600		\$600	\$1,000
\$26,200		\$300	
FY 2024	FY 2025	FY 2026	FY 2027
	\$26,200 \$8,600 \$500 \$1,200 \$2,700 \$39,200 \$26,600 \$9,900	\$26,200 \$8,600 \$500 \$1,200 \$1,200 \$2,700 \$39,200 \$26,600 \$9,900 \$500 \$500 \$500	\$26,200 \$300 \$8,600 \$600 \$500 \$50,700 \$400 \$1,200 \$1,900 \$3,900 \$2,700 \$39,200 \$52,600 \$5,200 \$26,600 \$500 \$700 \$9,900 \$52,100 \$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.

BROOKLYN PUBLIC LIBRARY - 038 CLINTON HILL BRANCH LIBRARY

Asset #: 13242

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	70%			LIFE	* *	5	\$9,900	
Stucco Cement	30%		\$26,200	2043	* *	5	\$5,300	
			, Extent : Moderat					
			out Lower Portion					
			xtent : Moderate, A		cted : 100%			
			ous Band At Top Of					
	Explanai	ion : Expo	sed Aggregate Fini	sh				
Windows	1000/			20.46	* *	-	Φ.(0.0	
Aluminum	100%			2046	· · · ·	5	\$600	
Roof Madified Ditumon	100%	Now	\$72.700	2020	\$242.200			
Modified Bitumen			\$72,700 xtent : Moderate, A	2030	\$242,200			
			Locations In The M	00				
Soffits	Locuiton	. rarious i	Socutions in The M	ain Reac	ing Room			
Stucco Cement	100%			2035	* *	5		
Staceo Cement		ervation E	xtent : N/A, Area A		100%	3		
			And Door Soffits	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10070			
			Is Actually An Expo	sed Agg	regate Finish			
nterior				88	-8			
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$2,300	
Ceramic Tile	5%			2033	\$31,900	5	\$500	
Panel/Paver: Cer/Brk	5%			2046	* *	5	\$1,200	
Vinyl Tile	80%			2030	\$249,800	3	\$4,200	
Interior Walls								
Ceramic Tile	5%			2033	\$27,100	5	\$500	
Concrete Masonry Unit	70%			LIFE	* *	5	\$2,500	
Gypsum Board	25%			LIFE	* *	5	\$1,400	
Ceilings	0.007	4.	Φ= 500	20.42		_	#4.200	
AcousTileSusp.Lay-In	80%	4+	\$7,500	2043	**	5	\$4,200	
	_	_	Extent : Moderate	-	-			
			er Of South Wall Of		-			
			xtent : Moderate, A er Of South Wall Oj					
F 10 0 1		. r erimeie	er Oj Souin wan Oj					
Exposed Struc: Steel	10%			LIFE	* *	-	#1.200	
Gypsum Board	10%			LIFE	* *	5	\$1,300	
ite Enclosure								
Fence/Gates Chain Link	600/	Now	\$2.700	2050	* *			
Cham Link			\$2,700 ents, Extent : Mode					
		ssing Eiem : North Al		ruit, Al	си пусски. 10/0			
Ivon Dialect		. 1101 tit At		2045	* *			
Iron Picket	40%			2065	-1- A			
lite Pavements Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
Cast III I lace Colletete	100/0			2000				

Maintenance \$ are aggregated over a 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 R	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
Site Pavements On-Site Walkways Cast in Place Concrete	100%		2035	* *			

Electrical	Current Re	pair Fut	Future Replacement		Maintenance	
System Component Type	% of Fail Date E Total (Years)	Sstimated Cost Year FY		Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2030	. ,	5	\$200	
	Other Observation, Extending Location:		ea : 100%			
		Xoom) Ampere Main Disconi	nact Switch			
Switchgear / Switchboard	Explanation . One 400	Ampere Muin Disconi	ieci Swiich			
Molded Case Bkrs	100%	2030	\$47,100	5	\$200	
Raceway			· · · · · · · · · · · · · · · · · · ·		*	
Conduit	100%	2030	\$40,000	1		
Panelboards						
Fused Disc Sw	5%	2029		5		
Molded Case Bkrs	95%	2029	\$20,600	5	\$200	
Wiring	1000/	2024	Φ2 (100			
Thermoplastic	100%	2030	\$36,100	1		
Motor Controllers Locally Mounted	100%	2028	\$25,900	5	\$100	
Ground	10070	2020	5 \$25,900	3	\$100	
Grounding Devices						
Generic	100%	LIFI	**	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	20%	2023	. ,	10	\$1,400	
	•	T-12 Lamps And Fixtures, Extent: Light, Area Affected: 100%				
	Location : Mechanica					
LED	80%	203:	5 **			
Egress Lighting	500/	202	* *	10	0000	
Emergency, Battery Exit, Service	50% 50%	2035 2035		10 1	\$900	
Exterior Lighting	3070	203.	,	1		
HID	50%	202:	\$19,000	10		
IIID	Other Observation, Ext		. ,	10		
	Location : Perimeter	3, 3,				
	Explanation : Operate	ed Via Timer				
No Component	50%					
Alarm						
Security System						
No Component	30%				** ***	
Generic	70%	203:	5 **	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	Futur	re Replacement	M	aintenance	
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%		2025	\$10,500	1-3	\$2,300	

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								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Furnace	100%			2035	* *	1	\$3,700	
			Extent : Light, Ared	a Affected	: 100%			
	Location							
	Explanai	tion: 2 Un	its					
Air Conditioning								
Energy Source					ats ats			
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	1000/			2025		_	4.00	
Roof	100%			2035	* *	2	\$200	
Plumbing								
H/C Water Piping	1000/			2012	ats ats			
Galvanized Steel	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired		Now	\$400	2030	\$18,600	2		
			re, Area Affected					
			r Mechanical Roo					
			Extent : Light, Ared		: 100%			
			r Mechanical Roo	m				
	Explana	tion : 40 G	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 Re	pair Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	Sstimated 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, Exter	nt : Moderate, Area Affec	ted : 100%			
	Location: Main Floor	•				

Maintenance \$ are aggregated over a 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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$241,900	\$213,700
Electrical		\$15,500
Total	\$241,900	\$229,200
Importance Code A	\$241,900	\$213,700
Importance Code B		\$15,500
Total	\$241,900	\$229,200

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$56,500			_
Interior Architecture	\$9,400	\$1,000		\$4,100
Electrical	\$700	\$11,000	\$1,000	\$700
Mechanical	\$1,100	\$1,200	\$7,100	\$1,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$71,600	\$17,200	\$12,000	\$10,000
Importance Code A	\$57,200	\$700	\$700	\$700
Importance Code B	\$11,400	\$16,500	\$11,400	\$9,300
Importance Code C	\$3,000			
Total	\$71,600	\$17,200	\$12,000	\$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 CONEY ISLAND BRANCH LIBRARY

Asset #: 13243

Architecture	Curr	ent Repair	Future	Replacement	М	aintenance	
ystem Component Type	% of Fail I Total (Yea	Date Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls	000/ 37			de de	_		
Masonry: Brick	80% No	. ,	LIFE	**	5	\$27,300	
		Extent : Moderate, Are					
		ear Facade And Stair I					
Masonry: Granite	5%		LIFE	* *	5	\$1,300	
Metal/Glass Curt Wall	15%		LIFE	* *	5	\$9,600	
	Thermally Ineffic Location : Mai	cient, Extent : Light, Ar n Entrance	ea Affecte	d : 100%			
Windows							
Aluminum	75% No	+)	2046	* *	5	\$700	
		n, Extent : Moderate, A		ted : 5%			
		Floor Office Rear Wind	ow				
Under Construction	25%						
Parapets	150/ 31	Φ.5.C. 400	LIDD	ale ale	_	# 4 000	
Cast Stone/Terra Cotta	15% Nov	*/	LIFE	* *	5	\$4,000	
		tent : Light, Area Affec	tea : 100%	6			
	Location: Thre	U .	16041	1. 1000/			
		on, Extent : Severe, Are	а Ајјестеа	: 100%			
	Location: Thre	-	o Cinalo D	la Darbhan Dara Ta	Damasa		
N D'1		Covered With Protective		y Rubber Due 10 **			
Masonry: Brick	85% Nov	. ,	LIFE	7. 7.	5	\$3,000	
		: Light, Area Affected : ve Parapet Wall Base (aahina			
		ve Furapei wan Base C on, Extent : Severe, Are					
	Location: Three		а Ајјестеа	: 100%			
		Tagnoui Covered With Protective	a Sinala D	h. Pubbar Dua Ta	Damaga		
Roof	Explanation . (Loverea wiin Froieciivi	e single F	y Kubber Due 10	Damage		
Modified Bitumen	95% Nov	v \$10,700	2030	\$213,700			
Wiodiffed Bitumen		Light, Area Affected:		\$213,700			
		acent To Mechanical Eq		On Main Roof			
Slavlight Motol/Glass	5%	2011 10 1/100/101/100/100/100/100/100/100	2040	**	10	\$3,500	
Skylight, Metal/Glass		ish, Extent : Light, Are			10	\$3,300	
		r Bulkhead Roof And M		. 100/0			
Soffits	Locuiton . Siui	Викнеци Коој ини М	am Rooj				
Cast in Place Concrete	100%		LIFE	* *	5		
terior	10070		LIIL				
Floors							
Carpet	10%		2031	\$36,700	3	\$3,100	
Cast in Place Concrete	10%		LIFE	**	5	\$4,600	
Ceramic Tile	10%		2043	* *	5	\$2,100	
Terrazzo	15%		LIFE	* *	5	\$2,500	
Vinyl Tile	55% Nov	w \$6,300	2035	* *	3	\$4,300	
,		Elements, Extent : Mod		a Affected : 20%	-	÷ -,= -	
	-	oughout 1st And 2nd Fl					

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

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

BROOKLYN PUBLIC LIBRARY - 038 CONEY ISLAND BRANCH LIBRARY

Asset #: 13243

Architecture		Current	Repair	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								
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	\$3,000	LIFE	* *	5	\$1,900	
	_	_	Extent : Moderate	, Area A <u>f</u>	fected : 5%			
			l At Roof Bulkhead					
		-	t : Light, Area Affec	ted : 10%	6			
	Location	ı : 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	ling, Extent	t : Light, Area Affec	ted : 10%	6			
	Location	ı : 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	* *			
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 75%			
	Location	: Along M	ermaid Avenue And	l 19th Str	reet			
	Explana	tion : Unde	er Construction					
On-Site Walkways	***							
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	95%			2039	* *			
•	Other Obs	ervation, E	Extent : Light, Area		: 100%			
	Location	: North Si	de Of Building					
	Explana	tion : For l	VYC Zipcars					
Cast in Place Concrete	5%			2043	* *			

Electrical	Current Repair	Future	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						
Fused Disc Sw	100%	2050	* *	5	\$100	
	Other Observation, Extent : Light	t, Area Affected :	100%			
	Location : Boiler Room					
	Explanation: 600 Ampere Servi	ice Switch				
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.

BROOKLYN PUBLIC LIBRARY - 038 CONEY ISLAND BRANCH LIBRARY

Asset #: 13243

Electrical	Current Repair	Future R	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Raceway							
Conduit	100%	2050	* *	1			
Panelboards							
Molded Case Bkrs	100%	2046	* *	5	\$400		
Wiring	100%	2050	* *	1			
Thermoplastic Motor Controllers	100%	2030		1			
	100%	2043	* *	5	\$100		
Locally Mounted	10070	2043	· · · ·	3	\$100		
Grounding Devices							
Grounding Devices Not Accessible	100%						
Lighting	10070						
Interior Lighting							
Fluorescent	80%	2035	* *	10	\$10,300		
Tiucressons	T-8 Lamps And Fixtures, Extent : Lig Location : Throughout The Buildin	ght, Area Affecte	d : 100%	10	Ψ10,200		
Fluorescent	10%	2030	\$15,500	10	\$1,300		
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%						
	Location: Basement						
Incandescent	10%	2030	\$18,100	2			
Egress Lighting							
Emergency, Service	50%	2030	\$4,300	1			
Exit, LED	50%	2058	* *	1			
Alarm							
Security System							
No Component	50%						
Generic	50%	2035	* *	1	\$2,600		
	Other Observation, Extent : Light, Area Affected : 100% Location : First And Second Floor						
	Explanation : Cameras						
Fire/Smoke Detection	* · · · · · · · · · · · · · · · · · · ·						
No Component	50%						
Generic, Digital	50%	2035	* *	1-3	\$4,300		

Mechanical	Current Repair		Future Replacement		Maintenance		
system Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating							
Energy Source							
Natural Gas	100%		2050	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2043	* *	1	\$6,900	
Distribution							
Hot Wtr Piping/Pump	100%		2046	* *	4	\$700	
Terminal Devices							
Convector/Radiator	100%		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.

BROOKLYN PUBLIC LIBRARY - 038 CONEY ISLAND BRANCH LIBRARY

Asset #: 13243

Mechanical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated 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						
Brass/Copper	100%	2050	* *	1		
Water Heater With Tanks						
Gas Fired	100%	2028	\$16,900	2		
	Other Observation, Extent:		100%			
	Location: 1st Floor Mech					
	Explanation: One 50 Gal	lon 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, Extent:		100%			
	Location: 1st To 2nd Floo	or				
	Explanation : One Unit					

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

Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture		\$97,300
Interior Architecture		\$116,800
Electrical		\$83,000
Total		\$297,000
Importance Code A		\$97,300
Importance Code B		\$199,700
Total		\$207,000

Total \$297,000

\$10,100 \$13,300 \$1,500	\$600 \$3,200	\$400 \$4,500	\$400 \$2,800
\$10,100	\$600	\$400	\$400
,	,	•	,
· ,· · · ·	4-7	41,000	φ υ ,100
\$24,900	\$3,800	\$4,800	\$3,100
\$1,500			
\$1,100	\$2,200	\$4,300	\$2,200
\$10,700	\$1,400	\$500	\$400
\$1,900			\$500
\$9,700	\$200		
FY 2024	FY 2025	FY 2026	FY 2027
	\$9,700 \$1,900 \$10,700 \$1,100 \$1,500	\$9,700 \$200 \$1,900 \$10,700 \$1,400 \$1,100 \$2,200 \$1,500	\$9,700 \$200 \$1,900 \$10,700 \$1,400 \$500 \$1,100 \$2,200 \$4,300 \$1,500



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 CORTELYOU BRANCH LIBRARY

Asset #: 13244

rchitecture	Current Repair			Futur	re Replacement	Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	\$9,900	
Windows								
Aluminum	100%			2038	* *	5	\$300	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	\$1,700	
Metal Panel	5%			2050	* *	5	\$400	
Roof								
Modified Bitumen	Location Blisters, E Location Gut/DS No Location	ng, Extent: a: Seams extent: Mod a: Through on Func/Ma a: Through	iss, Extent : Moder	ed : 40% ate, Area	Affected : 60%			
	Water Pen	etration, E	out Main Roof xtent : Light, Area .	00	: 5%			
	Locanor	i : Over me	eeting Room And K	icnen				
erior Floors								
Ceramic Tile	5%			2033	\$12,500	5	\$200	
Vinyl Tile	95%			2033	\$116,800	3	\$2,100	
Interior Walls	7570			2030	\$110,000		Ψ2,100	
Concrete Masonry Unit	95%			LIFE	* *	5	\$4,000	
Glass: Single Pane	2%			LIFE	* *	5	\$200	
Gypsum Board	3%			LIFE	* *	5	\$200	
Ceilings	370			LII L			Ψ200	
AcousTileSusp.Lay-In	Location Water Pen	Discoloring, a: Meeting etration, E	\$1,300 Extent : Light, Are Room And Kitchen xtent : Light, Area Room And Kitchen	Affected		5	\$2,000	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	\$300	
e Enclosure							*	
Fence/Gates								
Iron Picket	100%			2065	* *			
Pavements Public Sidewalk	10001			2025				
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways Cast in Place Concrete	Cracking/ Location Tripping H	: Entry Co	ent : Moderate, Are		-			

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.

BROOKLYN PUBLIC LIBRARY - 038 CORTELYOU BRANCH LIBRARY

Asset #: 13244

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail l Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2040	**	5		
		on, Extent : Moderate, A	4rea Affe	cted : 100%			
	Location : Ele		D:	, C :, 1			
Ci4-1	Explanation :	Two 200 Ampere Main I	Jisconne	ct Switches			
Switchgear / Switchboard Fused Disc Sw	100%		2040	* *	5		
Raceway	10070		2040				
Conduit	90%		2040	* *	1		
Conduit	10%		2050	* *	1		
Panelboards	1070		2030		-		
Fused Disc Sw	5%		2038	* *	5		
Molded Case Bkrs	65%		2038	* *	5	\$100	
Molded Case Bkrs	30%		2046	* *	5	\$100	
Wiring						4-00	
Thermoplastic	20%		2050	* *	1		
Thermoplastic	80%		2040	* *	1		
Motor Controllers							
Locally Mounted	100%		2035	* *	5	\$100	
Ground							
Grounding Devices							
Generic	100% 2-	. ,	LIFE	* *	5	\$100	
		on, Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Wat						
.	Explanation:	Corroded					
Lighting							
Interior Lighting Fluorescent	70%		2030	¢50 100	10	¢4 900	
Fluorescent		Fixtures, Extent : Light,		\$58,100	10	\$4,800	
	Location : Thr	Ü	Areu Ајј	естей . 100/6			
El .		ougnoui	2020	Φ24 000	1.0	#2 100	
Fluorescent	30%	Fixtures, Extent : Light	2030	\$24,900	10	\$2,100	
	Location : Thr		, ягеи Ај	geciea . 100%			
Egress Lighting	Locuion . Inf	ougnom					
Egress Lighting Emergency, Battery	50%		2035	* *	10	\$900	
Exit, LED	50%		2058	* *	10	\$200	
Exterior Lighting	3070		2030		- 1		
Incandescent	25%		2030	\$10,000	2		
LED	25%		2035	**	_		
No Component	50%		_ ,,,,				
Alarm	<u> </u>						
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 CORTELYOU BRANCH LIBRARY

Asset #: 13244

Electrical	Current	Repair	Futur	re Replacement	M	aintenance	
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	Cur	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Total (Yes	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source Natural Gas	100%		2050	* *	1		
Conversion Equipment Hot Water Boiler		on, Extent : Light, Area Floor Boiler Room	2043 Affected	**: 100%	1	\$3,700	
	Explanation:	l Unit					
Distribution Hot Wtr Piping/Pump	100%		2046	* *	4	\$400	
Terminal Devices	10070		20.0		•	Ψ.00	
Air Handler	70%		2035	* *	1	\$3,300	
Convector/Radiator	30%		2043	* *	1	\$700	
Air Conditioning Energy Source	1000/		2046	* *	1		
Electricity	100%		2046	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	100%		2035	* *	1	\$3,500	
1	R-134a Refriger Location : Roo	ant, Extent : Light, Are f	a Affected	l : 100%			
Distribution Ductwork/Diffusers	100%		LIFE	* *	2	\$9,800	
Terminal Devices Air Handler/Dir Expansion	100%		2035	* *	1		
Heat Rejection Air Cooled Condenser Unit	100%		2035	* *	2	\$5,200	
Ventilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,200	
Exhaust Fans							
Interior	70%		2035	* *	2	\$200	
Roof	30%		2035	* *	2	\$100	
Plumbing H/C Water Piping							
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.

BROOKLYN PUBLIC LIBRARY - 038 CORTELYOU BRANCH LIBRARY

Asset #: 13244

lechanical	Current Repair	Future F	Replacement	Ma	aintenance	
ystem Component Type	% of Fail Date Estimated C Total (Years)	ost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing						
Water Heater With Tanks						
Gas Fired	100%	2028	\$16,900	2		
	Other Observation, Extent : Light, A	Area Affected : 1	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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$36,900	\$1,400	\$600	
Interior Architecture	\$6,800			\$1,000
Electrical	\$200	\$7,600	\$300	\$200
Mechanical	\$900	\$700	\$3,600	\$700
Total	\$44,800	\$9,600	\$4,500	\$1,900
Importance Code A	\$37,300	\$1,700	\$900	\$300
Importance Code B	\$7,400	\$7,900	\$3,600	\$1,500
Importance Code C	\$100			
Total	\$44,800	\$9,600	\$4,500	\$1,900



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 #: 14460

Architecture		Current I	Repair	Futur	Future Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Concrete Masonry Unit	95%	4+	\$36,400	LIFE	* *	5	\$8,600	
			od, Extent : Light, .	Area Affe	ected : 10%			
	Location	: East Side	e Exit					
Metal Panel	5%			2050	* *	5-10	\$5,000	
Windows								
Aluminum	100%			2046	* *	5	\$1,200	
Parapets								
Concrete Masonry Unit	90%			LIFE	* *	5	\$400	
Pre-Cast Concrete	10%			LIFE	* *	5	\$300	
Roof								
Metal Panel	95%			2043	* *	10	\$35,600	
			Extent : Light, Ared	a Affected	d : 5%			
	Location	: Through	out					
Modified Bitumen	5%	0-2	\$600	2035	* *			
	Drains Ina	d/Misposn	, Extent : Moderate	e, Area Aj	ffected : 5%			
	Location	: Through	out					
	Ponding, I	Extent : Mo	derate, Area Affect	ted : 10%	1			
	Location	: Through	out					
Soffits								
Exposed Struc: Steel	100%			LIFE	* *	5	\$2,700	
nterior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	\$4,500	
		-	: Light, Area Affec	ted : 15%	6			
	Location	: Basemer	nt Boiler Room					
Ceramic Tile	5%	4+	\$600	2020	* *	5	\$300	
Ceramic The		T'	\$000	2039	* *	J	\$300	
Ceranne The	_		od, Extent : Light,			3	\$300	
Ceranic Tile	Joint Mort		od, Extent : Light,			3	\$300	
	Joint Mort	ar Miss/Er	od, Extent : Light, bilets	Area Affe				
Vinyl Tile	Joint Mort Location 75%	ar Miss/Er : Public To 2-4	od, Extent : Light,	Area Affe	**	3	\$2,900	
	Joint Mort Location 75% Cracking/0	ar Miss/Er : Public To 2-4	od, Extent : Light, bilets \$4,200 Extent : Light, Are	Area Affe	**			
	Joint Mort Location 75% Cracking/C	ar Miss/Er : Public T 2-4 Crumbling, : Through	ood, Extent : Light, bilets \$4,200 Extent : Light, Areout	Area Affe 2035 ea Affecte	** d:5%			
	Joint Mort Location 75% Cracking/C Location Patching E	ar Miss/Er : Public T 2-4 Crumbling, : Through	od, Extent : Light, bilets \$4,200 Extent : Light, Areout tent : Light, Area A	Area Affe 2035 ea Affecte	** d:5%			
	Joint Mort Location 75% Cracking/C Location Patching E	ar Miss/Er : Public To 2-4 Crumbling, : Through Evident, Ex	od, Extent : Light, bilets \$4,200 Extent : Light, Areout tent : Light, Area A	Area Affe 2035 ea Affecte	** d:5%			
Vinyl Tile	Joint Mort Location 75% Cracking/C Location Patching E	ar Miss/Er : Public To 2-4 Crumbling, : Through Evident, Ex	od, Extent : Light, bilets \$4,200 Extent : Light, Areout tent : Light, Area A	Area Affe 2035 ea Affecte	** d:5%			
Vinyl Tile Interior Walls	Joint Mort Location 75% Cracking/C Location Patching E Location	ar Miss/Er : Public To 2-4 Crumbling, : Through Evident, Ex	od, Extent : Light, bilets \$4,200 Extent : Light, Areout tent : Light, Area A	Area Affe 2035 ea Affecte ffected:	** d:5% 5%			
Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile	Joint Mort Location 75% Cracking/C Location Patching E Location 20% 3%	ar Miss/Er : Public To 2-4 Crumbling, : Through Evident, Ex	od, Extent : Light, bilets \$4,200 Extent : Light, Areout tent : Light, Area A	2035 ea Affected: LIFE 2039	** d:5% ** **	3	\$2,900 \$300	
Vinyl Tile Interior Walls Cast in Place Concrete	Joint Mort Location 75% Cracking/C Location Patching E Location 20% 3%	ar Miss/Er : Public To 2-4 Crumbling, : Through Evident, Ex	od, Extent : Light, bilets \$4,200 Extent : Light, Areout tent : Light, Area A	Area Affe 2035 ea Affecte ffected:	** d:5% ** ** **	3	\$2,900	

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 #: 14460

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	20%	4+	\$1,800	2043	* *	5	\$1,100	
	Broken/Mi	ssing Elem	ents, Extent : Light	, Area A	ffected : 5%			
	Location	: Back Off	îce Areas					
	Staining/D	iscoloring,	Extent: Moderate	, Area Aj	ffected : 5%			
	Location	: Through	out					
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, Ared	ı Affecte	d : 5%			
	Location	: Main En	trance					
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways		•		•		•		•
Cast in Place Concrete	100%			2043	* *			

Electrical	Current Repa	ir Future R	eplacement	Ma	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2050	* *	5		
	Other Observation, Extend Location : Electrical Ro Explanation : One 600 A					
Switchgear / Switchboard	· · · · · · · · · · · · · · · · · · ·	7				
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

Maintenance \$ are aggregated over a 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 Re	epair Fut	ire Replacement	М	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	20%	2035	* *	10	\$1,300	
	T-12 Lamps And Fixtur Location : Throughou	es, Extent : Light, Area A ut The Building	Affected : 100%			
Fluorescent	80%	2035	* *	10	\$5,100	
	T-8 Lamps And Fixture Location : Throughou	s, Extent : Light, Area A ut The Building	fected : 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 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Natural Gas	100%	2	2050	* *	1			
Conversion Equipment								
Hot Water Boiler	100%	2	2035	* *	1	\$3,500		
	Other Observation, I	Extent : Light, Area Af	fected	: 100%				
	Location: Basemer	ıt						
	Explanation: 3 Un	its						
Distribution								
Hot Wtr Piping/Pump	100%	2	2038	* *	4	\$300		
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%	2	2035	* *	2	\$400		
Cooling								
J	R-22 Refrigerant, Ex Location: 2 Roofto	tent : Light, Area Affe op Units	cted:	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 #: 14460

Mechanical	Current R	epair F	uture	Replacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)		ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Distribution							
Ductwork/Diffusers	100%	LI	FE	* *	2	\$9,100	
Ventilation							
Distribution							
Ductwork/Diffusers	100%	LI	FE	* *	2-5	\$3,900	
Exhaust Fans							
Roof	30%	20)35	* *	2	\$100	
No Component	70%						
lumbing							
H/C Water Piping							
Brass/Copper	100%	20)50	* *	1		
Water Heater With Tanks							
Gas Fired	100%)28	\$16,900	2		
	Other Observation, Ex	0 00	cted :	100%			
	Location: 1st Floor						
	Explanation : 40 Gal	llon Unit					
Sanitary Piping							
Cast Iron	100%	LI	FE	* *	1		
Sump Pump(s)							
Submersible	100%	20)24	\$200	4	\$200	
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.

Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 26-Oct-2021 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1, Mez

Block : 3241 Lot : 18 BIN : 3073751

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$295,800	\$58,500
Interior Architecture	\$489,400	
Electrical		\$110,800
Mechanical		\$554,900
Total	\$785,200	\$724,200
Importance Code A	\$295,800	\$203,700
Importance Code B	\$429,400	\$520,500
Importance Code C	\$60,000	
Total	\$785,200	\$724,200

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$87,500	_	\$27,300	_
Interior Architecture	\$36,200		\$900	\$1,800
Electrical	\$8,000	\$1,200	\$1,300	\$1,500
Mechanical	\$14,100	\$1,300	\$4,100	\$1,300
Site Enclosure	\$37,300			
Site Pavements	\$23,700			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$210,700	\$6,400	\$37,400	\$8,500
Importance Code A	\$94,700	\$600	\$27,900	\$600
Importance Code B	\$93,400	\$5,800	\$9,100	\$7,900
Importance Code C	\$22,500		\$400	
Total	\$210,700	\$6,400	\$37,400	\$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 #: 13245

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
xterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	\$48,300	
Masonry: Brick	83%			LIFE	* *	5	\$34,200	
	_	_	Extent : Light, Are	ea Affecte	ed : 2%			
	Location	ı : Southwe	st Corner					
Masonry: Sandstone	2%			LIFE	* *	5	\$600	
Windows								
Wood	Location Split/Crac	ation, Exter i : Through	: Moderate, Area			5	\$23,400	
	Water Pen	etration, E	xtent : Moderate, A ading Room	rea Affec	cted : 20%			
Parapets								
Cast Stone/Terra Cotta		Discoloring 1 : Through	, Extent : Light, Are out	LIFE ea Affecte	* * ed : 50%	5-10	\$32,100	
Masonry: Brick	75%			LIFE	* *	5-10	\$25,200	
Masonry: Limestone	2%			LIFE	* *	5-10	\$1,200	
Roof	270			LII L		3 10	Ψ1,200	
Metal Panel	85%			2046	* *	10	\$27,300	
Single Ply Membrane	15%			2033	\$58,500	10	\$2,600	
Soffits					4		· ,	
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
terior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$7,800	
Ceramic Tile	5%			2036	* *	5	\$900	
Sheet Vinyl/Rubber	5%			2038	* *	5	\$1,300	
Vinyl Tile	80%	2-4	\$429,400	2043	* *	3	\$5,400	
			tent : Moderate, Ar	ea Affect	ted : 50%			
		_	out Main Floor					
	_	_	Extent : Moderate out Main Floor	, Area A <u>j</u>	fected : 20%			
		_	Moderate, Area Aj	fected : :	50%			
			out Main Floor					

Maintenance \$ are aggregated over a 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	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	- 0.			•		_	4000	
Ceramic Tile	5%		#9.000	2036	* *	5	\$900	
Concrete Masonry Unit		Now	\$8,900 Extent : Moderate, A	LIFE		5	\$700	
		n : Basemei		пеи Ајје	леи . 10/0			
Gypsum Board	15%		**	LIFE	* *	5-10	\$4,500	
Plaster		Now	\$60,000	LIFE	* *	5	\$3,400	
1 100001			, Extent : Severe, A		ted : 5%		φ2,.00	
	_	-	ogy Room, Public R			t		
	Water Per	netration, E	xtent : Moderate, A	lrea Affe	cted : 5%			
	Location	n : Technol	ogy Room, Public R	Room, Th	roughout Basemen	t		
Wood	5%	1		LIFE	* *	5	\$7,000	
Ceilings	== :			20:5		_	*-*	_
AcousTile,Adhered	5%		\$3,200	2046	**	5	\$500	
		_	nents, Extent : Ligh cout Basement	t, Area A	ffected : 3%			
AcousTileSusp.Lay-In	25%		out Busement	2038	* *	5	\$4,500	
Exposed Struc: Concrete				LIFE	* *	5-10	\$1,100	
Plaster	65%			LIFE	* *	5-10	\$20,200	
		ling, Exten n : Main Ro	t : Light, Area Affec oom	eted : 2%				
Site Enclosure								
Fence/Gates	0.00							
Iron Picket	80%			2053	* *			
Masonry: Brick	20%	1		2053	* *			
Retaining Walls Masonry: Brick	100%	2-4	\$37,300	2043	* *			
Masoniy. Dilek	Cracking/		, Extent : Light, Are		ed : 10%			
	Misaligne		Extent : Light, Area	a Affecte	d : 10%			
Site Pavements		<u> </u>						
Public Sidewalk					-			
Cast in Place Concrete	100%		\$16,400	2038	**			
			, Extent : Light, Are	ea Affecte	ed : 5%			
		n : Through	oui xtent : Light, Area 1	Affactad	. 20/			
	0	_	xiem . Ligni, Area I ushwick Avenue	чујестеа .	. 2/0			
On-Site Walkways								
Asphalt	25%	1		2036	* *			
Cast in Place Concrete	50%		\$2,400	2038	* *			
	_	ubsiding, E n : Ramp	xtent : Moderate, A	rea Affec	cted : 10%			
Pavers/Stone	25%	0-2	\$4,800	2036	* *			
		rtar Miss/Ei n : Front St	rod, Extent : Moder		ı Affected : 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 #: 13245

Electrical	Current Repair	Futu	re Replacement	М	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% Other Observation, Extent: N/A, Area A Location: Electrical Room Explanation: No Available Nameplat			5	\$300		
Switchgear / Switchboard							
Molded Case Bkrs	100% Other Observation, Extent: N/A, Area A Location: Electrical Room Explanation: 1- Vertical Section	2033 Affected .	\$47,100	5	\$300		
Raceway	ziipiaiiaiieii. 1 yetiieai seeiisii						
Conduit	70%	2033	\$28,000	1			
Conduit	30%	2043	* *	1			
Panelboards							
Fused Disc Sw	5%	2032	\$1,100	5			
Molded Case Bkrs	65%	2032	\$14,100	5	\$200		
Molded Case Bkrs	30%	2041	* *	5	\$100		
Wiring							
Thermoplastic	30%	2053	* *	1			
Thermoplastic	70%	2033	\$25,300	1			
Motor Controllers							
Locally Mounted	90%	2031	\$46,700	5	\$100		
Locally Mounted	10% 2-4 \$5,200 Corroded, Extent : Light, Area Affected Location : Outdoor HVAC Equipment		* *	5			
Ground							
Grounding Devices Not Accessible	100%						
Lighting							
Interior Lighting Fluorescent	12% T-12 Lamps And Fixtures, Extent : Ligh Location : Basement	2028 t, Area A	\$18,300 ffected : 100%	10	\$1,400		
Fluorescent	30% T-8 Lamps And Fixtures, Extent: Light, Location: Basement And 1st Floor	2033 Area Afj	\$45,800 Tected : 100%	10	\$3,500		
Fluorescent	5% Compact Fluorescent Light, Extent : Light,	2038 ght, Area	* * Affected : 100%	10	\$600		
LED	50% Recent Installation, Extent: N/A, Area Location: Reading Areas	2041 Affected	* *				
LED	3%	2038	* *				
	370	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.

Asset #: 13245

Electrical	Current R	lepair Futu	re Replacement	M	laintenance	
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%	2038	* *	10	\$1,500	
Exit, Service	50%	2038	* *	1		
Exterior Lighting						
HID	25%	2033	\$15,900	10		
No Component	75%					
Alarm						
Security System						
Generic	100%	2038	* *	1	\$4,700	
	Other Observation, Ex	xtent : Light, Area Affecte	d: 100%			
	Location : Inside An	d Perimeter				
	Explanation: CCTV	Surveillance Cameras, In	itrusion Alarms And	l Motion	Sensors	
Fire/Smoke Detection					_	
Generic, Digital	100%	2033	\$35,300	1-3	\$8,000	
	Other Observation, Ex	xtent : N/A, Area Affected	: 100%			
	Location : Througho	out The Building				
	Explanation: Strobe	e Lights, Manual Pull Stat	ions, Smoke Detecto	ors And I	Horns	

Mechanical	Curre	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Hot Water Boiler	100% 0-2	\$7,300	2031	\$145,200	1	\$5,600	
	Malfunctioning, I	Extent : Moderate, Area	ı Affecte	d : 100%			
	Location: Base	ment					
	Other Observatio	n, Extent : N/A, Area A	ffected :	100%			
	Location: Base	ment Boiler Room					
	Explanation : C	ne Unit					
Distribution							
Hot Wtr Piping/Pump	100%		2032	\$29,900	4	\$900	
Terminal Devices							
Air Handler	60%		2028	\$154,300	1	\$4,700	
	Other Observation	n, Extent : N/A, Area A	ffected :	60%			
	Location: Base	ment					
	Explanation : H	leating Provided By 3 S	Split Uni	ts			
Convector/Radiator	40%		2038	* *	1	\$1,600	
Air Conditioning							
Energy Source							
Electricity	100%		2041	* *	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 #: 13245

Mechanical	Current	Repair	Futur	e 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							
Split Unit	60%		2028	\$194,700			
	R-22 Refrigerant, Ex Location: 3 Units		ffected : .	15%			
Not Accessible	40% Other Observation, I Location: Unknow	rn					
	Explanation : Assu	med 2 Additional U	nits Not (Observed.			
Heat Rejection Air Cooled Condenser Unit	60%		2028	\$23,700	2	\$5,300	
	Other Observation, I	Extent : N/A, Area A	Iffected :	60%			
	Location: Roof An	d Grade					
	Explanation : 2 Un	its On Roof. 1 Unit	On Grad	'e.			
Air Cooled Condenser Unit	40%	· · · · · · · · · · · · · · · · · · ·	2028	\$15,800	2	\$3,500	
	Other Observation, I Location : Grade	Extent : N/A, Area A	Iffected :	40%			
	Explanation: 2 Un	its					
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,100	
Exhaust Fans					_	*	
Interior	100%		2028	\$60,600	2	\$400	
Plumbing							
H/C Water Piping	1000/		2042	* *	1		
Brass/Copper	100%		2043	7. 7.	1		
Water Heater With Tanks Gas Fired	100%		2028	\$27 100	2		
Gas Fired	Other Observation, I	Extent : N/A Area		\$37,100	Z		
	Location : Basemen		ујестей.	10070			
		 Gallon Storage Tan	k				
Sanitary Piping	Explanation : 100	Sation Storage Tail					
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping					-		
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%	_	LIFE	* *			
	Controller Not Work Location: Baseme	nt					
	Other Observation, I Location: Baseme	nt To 1st Floor	Iffected :	100%			
	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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$50,900	
Interior Architecture		\$331,900
Mechanical		\$117,500
Total	\$50,900	\$449,400
Importance Code A	\$50,900	
Importance Code B		\$449,400
Total	\$50,900	\$449,400

\$5,200 \$66,800 \$200	\$500 \$26,600	\$400 \$1,600	\$400 \$3,400
\$5,200	\$500	\$400	\$400
,	ŕ	•	
\$72,200	\$27,100	\$1,700	\$5,000
\$72,200	\$27 100	\$1,900	\$3,800
\$20,500			
\$800	\$18,900	\$1,600	\$2,000
\$4,400	\$8,200	\$300	\$300
\$41,700			\$1,500
\$4,800			
FY 2024	FY 2025	FY 2026	FY 2027
	\$4,800 \$41,700 \$4,400 \$800 \$20,500	\$4,800 \$41,700 \$4,400 \$800 \$18,900	\$4,800 \$41,700 \$4,400 \$8,200 \$300 \$800 \$18,900 \$1,600 \$20,500



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 #: 13246

Architecture	Current 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 Cast in Place Concrete	Cracking/	_	\$2,000 Extent : Light, Are		* * ed : 5%	5	\$3,300		
		: Through	out Base Of Buildi		di di		**		
Masonry: Brick Pre-Cast Concrete	Joint Mort		\$2,900 od, Extent : Light, out Top Of Building		* * * * ected : 5%	5 5	\$10,600 \$6,500		
Windows									
Aluminum	Broken/Mi	Now issing Elem : Through	\$50,900 nents, Extent : Mod out	2055 erate, Ar	* * ea Affected : 100%	5	\$500		
Roof Single Ply Membrane	100% Recent Rep Location		ent, Extent : N/A, A	2038 rea Affec	* *	10	\$26,700		
Soffits									
Pre-Cast Concrete	100%			LIFE	* *	5			
Interior									
Floors	50 /			LIEE	* *	_	#1.700		
Cast in Place Concrete Ceramic Tile	5% 5%			LIFE 2033		5	\$1,500 \$700		
Vinyl Tile	90%			2033	\$37,600 \$331,900	5 3	\$6,100		
Interior Walls	7070			2030	ψ331,700		ψ0,100		
Ceramic Tile	10%			2039	* *	5	\$400		
Concrete Masonry Unit	90%			LIFE	* *	5	\$1,500		
Ceilings AcousTileSusp.Lay-In	90%	0-2	\$39,900 nents, Extent : Mod	2043	* *	5	\$6,100		
	Location Staining/L Location Water Pen	: Kitchen, Discoloring, : Kitchen, etration, E	Work Room, Meet, Extent: Severe, A Work Room, Meet, xtent: Moderate, A Work Room, Meet,	ing Room rea Affec ing Room Irea Affec	ted : 15% ted : 15% ted : 15%				
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	100%			2050	**				
Retaining Walls 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	\$20,500	2035	* *			
	O	Crumbling, 1 : Through	Extent : Light, Are out	ea Affecte	ed : 15%			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Asphalt	80%			2033				
Cast in Place Concrete	20%			2043	* *			

Electrical	Cı	Current Repair		e Replacement	Maintenance		
System Component Type		l Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2040	* *	5	\$200	
	Other Observa	ution, Extent : Light, Area	Affected	: 100%			
	Location : E	lectrical Room					
	Explanation	: One 400 Ampere Main	Disconne	ct Switch			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2040	* *	5	\$200	
Raceway							
Conduit	90%		2040	* *	1		
Conduit	10%		2050	* *	1		
Panelboards							
Fused Disc Sw	5%		2029	\$1,000	5		
Fused Disc Sw	5%		2046	* *	5		
Molded Case Bkrs	60%		2029	\$11,900	5	\$100	
Molded Case Bkrs	30%		2052	* *	5	\$100	
Wiring							
Thermoplastic	70%		2030	\$23,100	1		
Thermoplastic	30%		2050	* *	1		
Motor Controllers							
Locally Mounted	60%		2028	\$14,200	5		
Locally Mounted	40%		2043	* *	5		
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 #: 13246

Electrical	Current Rep	pair	Futur	Replacement Maintenan		Maintenance			
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Lighting									
Interior Lighting									
Fluorescent	98%		2035	* *	10	\$6,700			
	Other Observation, Extent: Light, Area Affected: 100%								
	Location : Throughout	-							
	Explanation: T-8 Lam	ips							
Fluorescent	2%		2035	* *	10	\$100			
	T-5 Lamps And Fixtures, Extent : Moderate, 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	\$4,200	2040	* *	1	\$800			
	Not in Service, Extent:	Moderate, Area	4ffected	: 100%					
	Location : Throughout	t The Building							
Fire/Smoke Detection									
No Component	60%								
Generic, Analog	40%		2038	* *	1-3	\$1,800			
, 8	Other Observation, Extent: Light, Area Affected: 100%								
	Location : Throughout	O							
	Explanation : New Fir	- C	d In 201	8.					

Mechanical	Cu	Current Repair		Future Replacement		Maintenance	
System Component Type		l 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	\$400	
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 - Cooling	100%		2031	\$117,500	2	\$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 #: 13246

lechanical	Current Repair	Future Rep	lacement	cement Maintenance				
ystem Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estin FY	nated 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 With Tanks								
Gas Fired	100%	2025	\$16,900	2				
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Boiler Room							
	Explanation: 50 Gallon Tank							
Sanitary Piping								
Cast Iron	100%	LIFE	* *	1				
Storm Drain Piping								
Cast Iron	100%	LIFE	* *	1				
Sump Pump(s)								
Non-Submersible	100%	2030	\$1,500	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.

Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

Asset Name : EAST FLATBUSH BRANCH LIBRARY

Address : 9612 CHURCH AVE. NEAR ROCKAWAY PARKWAY

Borough : BROOKLYN Agency's Number : 36

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 : 38 BIN : 3103597

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$89,400	\$446,800
Electrical		\$57,000
Mechanical	\$199,100	\$160,900
Total	\$288,400	\$664,700
Importance Code A	\$89,400	\$446,800
Importance Code B	\$199,100	\$217,900
Total	\$288,400	\$664,700

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$23,100			\$3,300
Interior Architecture	\$41,500			\$7,300
Electrical	\$400	\$400	\$300	\$1,600
Mechanical	\$1,400	\$1,800	\$2,200	\$18,400
Total	\$66,300	\$2,200	\$2,600	\$30,700
Importance Code A	\$23,700	\$600	\$600	\$4,000
Importance Code B	\$25,800	\$1,600	\$2,000	\$26,700
Importance Code C	\$16,800			
Total	\$66,300	\$2,200	\$2,600	\$30,700



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 #: 13247

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	400/			LIEE	* *	_	¢2 000	
Concrete Masonry Unit	Location	nce, Extent 1 : Through	: Light, Area Affec out . Extent : Light, Ar			5	\$3,800	
		ı : Through						
		ı Growth, E ı : Through	Extent : Light, Area out	Affected	: 5%			
Glass Block		Now	\$3,100	LIFE	* *	5	\$1,000	
	Location	i : Through						
		etration, E. n : Through	xtent : Moderate, A out	lrea Affec	cted : 5%			
Masonry: Brick	35%			LIFE	**	5	\$5,400	
Metal Coiling Doors	10%			2034	* *	5	\$4,800	
Granite Panels Parapets	5%			LIFE	* *	5	\$600	
Concrete Masonry Unit	25%			LIFE	* *	5	\$400	
Metal Panel	5%			2049	* *	5	\$300	
Metal: Cage/Fence	70%			2042	* *	5-10	\$8,000	
Roof	000/	3.7	#00.400	2020	# 446 000			
IRMA/Protected Membrane	90%		\$89,400	2029	\$446,800			
	Insul Deter/Miss, Extent: Moderate, Area Affected: 25% Location: Throughout							
		etration, E. n : First Flo			cted : 10%			
Sloped Glazing	Caulking Location Water Pen	i : Through	xtent : Moderate, A			5	\$28,200	
Soffits	Locuitor	i. Imougn	om					
Metal Panel	100%			2039	* *	5-10		
nterior								
Floors	100/			2020	יט יט	_	#1.600	
Ceramic Tile	10%		¢10.400	2038	* *	5	\$1,600 \$5,200	
Vinyl Tile			\$19,400 Extent : Moderate out	2034 e, Area A <u>f</u>		3	\$5,300	
		ded, Extent 1 : Through	: Moderate, Area 2 out	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

Architecture		Current 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	2 - 0 /		44.600		* *			
Cast in Place Concrete		Now	\$14,600	LIFE				
		etration, E. : Basemen	xtent : Moderate, A 	rea Affe	ctea : 5%			
		: Basemen					****	
Concrete Masonry Unit			4	LIFE	**	5	\$1,600	
Gypsum Board	• • • •	Now	\$2,200	LIFE	**	5	\$4,700	
	_	_	Extent : Moderate	, Area Aj	ffected: 10%			
		: Front Wo		1.00	. 1 100/			
		etration, E. : Front Wa	xtent : Moderate, A	rea Affe	ctea : 10%			
G '1'	Location	: Front we	111					
Ceilings	70%			2042	* *	5	¢11 000	
AcousTileSusp.Lay-In)isaalarina	Extent : Light, Are			3	\$11,000	
	_	: Through	0	и Ајјеси	ea . 270			
C D 1		0-2		LIEE	* *		\$2,000	
Gypsum Board	10%	~ _	\$500	LIFE		5	\$2,000	
	_	rumbung, : Offices	Extent : Moderate	, Area Aj	geciea : 5%			
71			# 4 700		* *		# 2 000	
Plaster		Now	\$4,700	LIFE		5	\$2,000	
		_	ents, Extent : Mode	erate, Ar	ea Affectea : 5%			
		: Through		1 mag 1	factod 100/			
	_	: Through	Extent : Moderate	, Area Aj	jeciea : 10%			
		_	oui xtent : Moderate, A	nag Affa	atad : 100/			
		: Through		геи Ајје	леи . 10/0			
Site Pavements	Locuion	. Imough	<i></i>					
Public Sidewalk								
Cast in Place Concrete	75%			2042	* *			
Pavers/Stone	25%			2038	* *			
On-Site Walkways	2570							
Cast in Place Concrete	100%			2042	* *			
	10070							

lectrical	Current Repair	Futur	e Replacement	M		
ystem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2039	* *	5	\$100	
	Other Observation, Extent : L	ight, Area Affected	: 100%			
	Location: Electrical Room					
	Explanation: One 600 Amp	eres				
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	rical Current Repair		Replacement	Maintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
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	1000/	LIPP	* *	-	#200	
Generic	100%	LIFE	~ ~	5	\$200	
Lighting						
Interior Lighting Fluorescent	10%	2037	* *	10	\$1,100	
Fluorescent	T-8 Lamps And Fixtures, Ex			10	\$1,100	
	Location : Basement	ieni . Ligni, Area Ajjet	сией . 100/0			
LED	90%	2037	* *			
Egress Lighting	9076	2037				
Egress Lighting Emergency, Battery	50%	2029	\$10,300	10	\$1,500	
Exit, Service	50%	2029	\$2,100	10	\$1,500	
Exterior Lighting	3070	2029	\$2,100	1		
HID	100%	2029	\$57,000	10		
\larm	10070	202)	\$57,000	10		
Security System						
No Component	70%					
Generic	30%	2034	* *	1	\$1,400	
	Other Observation, Extent: Light, Area Affected: 100%					
	Location : Throughout Th					
	Explanation : CCTV Surv	eillance Cameras, Intr	usion Alarm And	Motion S	ensor	
Fire/Smoke Detection	•					
No Component	70%					
Generic, Digital	30%	2034	* *	1-3	\$2,300	

lechanical	Current Repair	Future	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Estimated C 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	lrea Affected	: 100%			
	Location: Basement Boiler Room					
	Explanation: One Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2037	* *	4	\$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 #: 13247

Mechanical		Current Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimate (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Air Handler	70%		2029	. ,	1	\$5,300	
Convector/Radiator	30%		2034	* *	1	\$1,200	
Air Conditioning							
Energy Source							
Electricity	100%		2037	* *	1		
Conversion Equipment							
Int Pkg Unit -	100%		2027	\$199,100	2	\$800	
Heating/Cooling							
	R-22 Refrig	gerant, Extent : Ligh	, Area Affected .	100%			
	Location	: 2 Units. Basement					
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,900	
Exhaust Fans							
Interior	90%		2029	\$48,800	2	\$300	
Roof	10%	Now	\$100 2029	\$2,400	2		
	Not in Serv	ice, Extent : Severe,	Area Affected : .	100%			
	Location	: Restroom Exhaust I	Fans. Roof				
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater With Tanks							
Gas Fired	100%		2027	\$16,900	2		
Sanitary Piping				· · · · · · · · · · · · · · · · · · ·			
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
	10070						

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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$304,200	
Mechanical	\$235,900	\$207,600
Site Pavements		\$76,400
Total	\$540,100	\$283,900
Importance Code A	\$304,200	
Importance Code B	\$235,900	\$207,600
Importance Code C		\$76,400
Total	\$540,100	\$283,900

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$21,800	\$1,400		
Interior Architecture	\$11,100	\$13,400		\$2,500
Electrical	\$39,100	\$1,000	\$600	\$700
Mechanical	\$2,100	\$18,700	\$4,200	\$1,800
Site Enclosure	\$3,100			
Site Pavements	\$15,300			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$96,400	\$38,400	\$8,700	\$8,900
Importance Code A	\$22,600	\$2,400	\$800	\$800
Importance Code B	\$68,800	\$36,000	\$8,000	\$8,100
Importance Code C	\$5,000			
Total	\$96,400	\$38,400	\$8,700	\$8,900



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 #: 13248

Architecture		Current I	Repair	Futu	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	50/			LIEE	* *	_	¢1 100	
Masonry: Brick Masonry: Granite	5% 5%	Now	\$8,600	LIFE LIFE	* *	5 5	\$1,100 \$800	
wasoniy. Granite	Joint Mor		od, Extent : Moder			3	\$000	
Masonry: Limestone	Broken/Ma Location Joint More	: Various 2	od, Extent : Moder			5	\$14,100	
Stucco Cement	5%			2035	* *	5	\$2,800	
Windows								
Steel	Location	/Rusting, E. : Basemen	\$13,200 xtent : Moderate, A t Extent : Moderate			5	\$1,800	
	Location Caulking I	: Through	d, Extent : Modera		Affected : 40%			
Wood	Deterioral Location	: Through				5	\$28,100	
	Location Split/Crac	: Through	: Moderate, Area					
Parapets								
Masonry: Brick	50%			LIFE	* *	5	\$1,300	
Masonry: Limestone		led, Extent : Through	: Light, Area Affec out	LIFE ted : 100	**	5	\$1,600	
Roof				• • • •				
Modified Bitumen	-	place Evide : Through	ent, Extent : N/A, A out	2038 rea Affec	* * cted : 100%	10	\$18,100	
nterior								
Floors Cast in Place Concrete	50/			LIDD	* *	5	¢2 (00	
	5% 10%			LIFE 2035	* *	5 5	\$2,600 \$3,000	
Traffic Topping Vinyl Tile	10% 85%	Now	\$11,100	2035	* *	3	\$3,000 \$7,600	
vinyi ine	Cracking/		Extent : Moderate			5	\$7,000	

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 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							
Interior Walls	7 0 /		TIPE		_	# 400	
Concrete Masonry Unit	5%		LIFE	* *	5	\$400	
Gypsum Board Plaster	15% 70%		LIFE LIFE	* *	5 5	\$1,800 \$4,200	
SGFT/Glazed Masonry	10%		LIFE	* *	3	\$4,200	
SOI 1/Glazed Masonly	Other Observation, E. Location: 1st And 2	-		: 100%			
	Explanation : Locat	ted In Main Stairw	ell				
Ceilings							
AcousTileConcealSpLn			2035	* *	5	\$23,800	
AcousTileSusp.Lay-In	10%		2043	* *	5	\$2,400	
Plaster	10%		LIFE	* *	5	\$1,500	
Site Enclosure							
Fence/Gates Chain Link	50% Now	\$1,200	2030	\$23,300			
Chain Link	Broken/Missing Elem						
	Location : Rear Yar		craic, 217	za 1135eciea . 2070			
	Corrosion/Rusting, E.		trea Affe	cted · 60%			
	Location : Rear Yar		1, eu 11, je	. 0070			
Iron Picket	50%		2050	* *			
Retaining Walls	2070		2030				
Cast in Place Concrete	100% Now Cracking/Crumbling,	\$2,000 Extent : Moderate	2050 , Area A <u>f</u>	* * fected : 2%			
<u> </u>	Location : Stair Are	away At Rear Yara	!				
Site Pavements							
Public Sidewalk	1000/ 37	#11.400	2025	* *			
Cast in Place Concrete	100% Now	\$11,400	2035				
	Broken/Missing Elem			ea Affectea : 5%			
	Location: Easter Po	-		Factor 100/			
	Cracking/Crumbling, Location: Easter Po			jeciea . 1076			
	Tripping Hazard, Exte	•		nd · 50/			
	Location : Easter P			:u . 5/0			
On-Site Walkways	Location . Luster 1	arivinay minimice n	., cu				
Cast in Place Concrete	80%		2035	* *			
Masonry: Granite	20%		LIFE	* *			
Parking/Driveway	2070						
Asphalt	100% Now	\$3,800	2033	\$76,400			
	Broken/Missing Elem Location: Rear Yar	ents, Extent : Mod		•			
	Misaligned/Bulging, Location : Rear Yar		Area Aff	ected : 10%			
	Potholes, Extent : Mo	oderate, Area Affec	ted : 10%	ó			
	Location : Rear Yar	d					

Maintenance \$ are aggregated over a 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 I	Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment					_	*	
Molded Case Bkrs	100%		2030	\$43,000	5	\$400	
	Other Observation, E Location : Electrica		Affected:	100%			
	Explanation: 200 A		iteh				
Switchgear / Switchboard	Explanation . 200 A	impere service swi	iicn				
Molded Case Bkrs	100%		2030	\$43,000	5	\$400	
Raceway				, ,,,,,,		*	
Conduit	95%		2030	\$34,700	1		
Conduit	5%		2040	* *	1		
Panelboards							
Molded Case Bkrs	95%		2029	\$18,800	5	\$400	
Molded Case Bkrs	5%		2038	* *	5		
Wiring		***					
Braided Cloth	80% 0-2	\$26,400	2055	* *	1		
	Insulation Aged, Exte	0 00	tected : 100)%			
	Location: Through	out The Building	2010	di di			
Thermoplastic	20%		2040	* *	1		
Ground							
Grounding Devices Generic	100%		LIFE	* *	5	\$200	
Lighting	10070					Ψ200	
Interior Lighting							
Fluorescent	5%		2030	\$8,800	10	\$700	
	T-8 Lamps And Fixtu	res, Extent : Light,	Area Affec	ted: 100%			
	Location: Mechani	ical Rooms					
LED	95%		2035	* *			
Egress Lighting							
Exit, LED	30%		2045	* *	1		
Exit, Service	40%		2030	\$2,100	1		
Exit, Battery	30%		2030	\$5,500	10	\$300	
Exterior Lighting	500 /		2020	#2 < 0.00	1.0		
HID	50%		2030	\$36,800	10		
	Other Observation, E Location : Roof And		Affectea :	100%			
	Explanation : Oper						
No Component	50%	alea via Timer					
Alarm	JU / 0						
Security System							
No Component	50%						
Generic	50%		2035	* *	1	\$3,000	
. -	Other Observation, E	Extent : Light, Area		100%	-	4-,	
	Location : Through						
	Explanation: Came	eras 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 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
Alarm							
Fire/Smoke Detection							
No Component	70%						
Generic, Analog	30% 4+	\$12,200	2040	* *	1-3	\$2,700	
_	Other Observation, E	xtent : Light, Area	Affected	: 100%			
	Location : Through	out The Building					
	Explanation: Outdo	ated Very Old Fire	Alarm S	vstem			

Mechanical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating						
Energy Source						
Electricity	30%	2040	* *	1		
Natural Gas	70%	2040	* *	1		
Conversion Equipment						
Furnace	30%	2030	\$14,700	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	\$400	
Terminal Devices						
Air Handler	70%	2030	\$207,600	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	\$77,000	2	\$300	
Heating/Cooling						
	Other Observation, Extent : Light, Are	a Affected	: 100%			
	Location : Roof					
	Explanation: With Gas Furnace					
Ext Pkg Unit -	60%	2025	\$158,800	2	\$600	
Heating/Cooling						
	Other Observation, Extent : Light, Are	a Affected	: 100%			
	Location : Roof					
	Explanation : With Gas Furnace					
Split Unit	10%	2030	\$37,400			

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		Futur	e 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	\$30,200	1		
	Location	ervation, E : Basemen ion : Hot V		Affected	: 100%			
No Component	90%							
Heat Rejection Air Cooled Condenser Unit	10%			2030	\$4,600	2	\$1,100	
No Component	90%							
/entilation	2070							
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,900	
Exhaust Fans								
Roof	100%			2030	\$30,600	2	\$500	
Plumbing H/C Water Piping	1000/			2040	* *	1		
Brass/Copper Water Heater With Tanks	100%			2040		1		
Gas Fired	Location	: Boiler R	extent : N/A, Area A oom 40 Gallon Unit	2025 Affected :	\$16,900 100%	2		
Sanitary Piping	Ехрианан	ion . One ²	o Ganon Onn					
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	10070			DII D		-		
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	\$3,200	4	\$300	
Sewage Ejector(s) Compressed Air	100%			2040	**	4	\$200	
Backflow Preventer No Component Generic	Location	ervation, E : Boiler R ion : Boile		2035 Affected	**	1	\$100	
Fixtures	Блринин	ion . Doile	is Omy					
Generic	100%							
Vertical Transport Elevators				LIEE	* *			
Hydraulic	Location		Extent : N/A, Area A et To 2nd Floor Unit	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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$242,200	
Interior Architecture	\$110,900	
Electrical		\$12,100
Mechanical		\$667,600
Site Pavements		\$136,400
Total	\$353,100	\$816,000
Importance Code A	\$242,200	
Importance Code B	\$110,900	\$679,600
Importance Code C		\$136,400
Total	\$353,100	\$816,000

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027	
Exterior Architecture	\$11,500	\$21,600			
Interior Architecture	\$7,300		\$2,500	\$800 \$2,000 \$4,200	
Electrical Mechanical	\$2,100	\$21,800	\$2,600		
	\$7,300	\$4,000	\$9,500		
Site Pavements	\$27,700				
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900	
Total	\$59,800	\$51,300	\$18,600	\$11,000	
Importance Code A	\$12,500	\$22,700	\$1,100	\$1,100	
Importance Code B	\$34,400	\$28,600	\$17,500	\$9,900	
Importance Code C	\$12,900				
Total	\$59,800	\$51,300	\$18,600	\$11,000	



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 #: 4202

rchitecture	Current Repair		Future Replacement		Maintenance		
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls	0.50/ NI	¢100 100	LIEE	* *	5	#22.200	
Masonry: Brick	85% Now	\$189,100 Extent: Moderate	LIFE		5	\$23,200	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20% Location : Southwest Exit						
	Diagonal Cracks, Extent : Moderate, Area Affected : 10%						
	Location: South Facade						
	Vertical Cracks, Extent : Moderate, Area Affected : 10%						
	Location: Chimney	,					
Masonry: Limestone	5%		LIFE	* *	5	\$1,000	
Pre-Cast Concrete	10% Now	\$9,800	LIFE	* *	5	\$8,900	
	Joint Mortar Miss/En		ate, Area	Affected: 25%			
	Location: Building		Y4-1.	250/			
	Open Joints, Extent : Location : Building		jectea : 2	25%			
Windows	Locuiton . Building	Duse					
Aluminum	93% Now	\$53,100	2046	* *	5	\$2,800	
	Broken/Missing Elements, Extent : Light, Area Affected : 10% Location : Throughout						
	Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%						
	Location : Through	out					
Glass Block	2%		LIFE	* *	5	\$100	
Metal Louvers	5% Now	\$1,700	2033	\$16,600			
	Corrosion/Rusting, Extent : Moderate, Area Affected : 20% Location : South Facade						
	Deteriorated Finish, Location: South Fo		Area Aff	ected : 20%			
Parapets							
Masonry: Brick	90%		LIFE	* *	5	\$5,800	
Metal Panel	5%		2050	* *	5	\$1,300	
Pre-Cast Concrete	5%		LIFE	* *	5	\$2,000	
Roof	020/		2025	* *	10	#21 000	
Built-Up (BUR)	93% Other Observation 1	Extant : Light Arga	2035		10	\$21,000	
	Other Observation, Extent : Light, Area Affected : 100% Location : Roof						
	Explanation: Not A	Accessible					
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 Repair		Future Replacement		M	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors	5 0/	2-4	\$2,600	LIEE	* >		¢2 400	
Cast in Place Concrete	_		\$2,600 Extent : Moderate, nt	LIFE , Area A <u>j</u>		' 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	\$50,600	2040	* >	3	\$2,300	
		Failure, Ex 1 : Through	tent : Moderate, Ar out	ea Affeci	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	\$2,800	LIFE	* >	5	\$700	
		ted Finish, 1 : Through	Extent : Moderate, out	Area Aff	ected : 100%			
Ceilings								
AcousTileSusp.Lay-In	25%			2043	* >	5	\$7,700	
Gypsum Board	10%			LIFE	* >	5	\$3,800	
Plaster	_		\$60,300 Extent : Moderate, out	LIFE , Area A <u>j</u>	** fected : 10%	5	\$12,500	
Site Enclosure								
Fence/Gates								
Exposed Struc: Steel	70%			LIFE	* >	•		
		/Rusting, E 1 : Through	xtent : Moderate, A out	rea Affe	cted : 20%			
Iron Picket	30%			2050	* >	:		
Retaining Walls								
Cast in Place Concrete	100%			2050	* *	•		
Site Pavements								_
Public Sidewalk			.		-			
Cast in Place Concrete			\$18,700 Extent : Moderate, out	2035 , Area A <u>j</u>	** Jected : 10%	•		
On-Site Walkways								
Cast in Place Concrete	_		\$2,100 Extent : Moderate, out	2035 , Area А <u>ј</u>	* * fected : 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.

BROOKLYN PUBLIC LIBRARY - 038 FLATBUSH BRANCH LIBRARY

Asset #: 4202

Architecture		Current F	Repair	Futu	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

Parking/Driveway

Asphalt 100% 2-4 \$6,800 2033 \$136,400

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

Location: Throughout

Electrical	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
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2050	* *	5	\$100	
	Other Observation, E	xtent : Light, Area A	4ffected	: 100%			
	Location : Electrica	l Room					
	Explanation: One I	,200 Ampere Main	Discon	iect Switch			
Switchgear / Switchboard							
Fused Disc Sw	100%		2050	* *	5	\$100	
Raceway							
Conduit	70%		2030	\$25,500	1		
Conduit	30%		2050	* *	1		
Panelboards							
Molded Case Bkrs	80%		2046	* *	5	\$500	
Molded Case Bkrs	20%		2029	\$5,900	5	\$100	
Wiring							
Thermoplastic	80%		2050	* *	1		
Thermoplastic	20%		2030	\$6,600	1		
Motor Controllers							
Locally Mounted	100%		2043	* *	5	\$100	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$300	
Lighting							

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.

BROOKLYN PUBLIC LIBRARY - 038 FLATBUSH BRANCH LIBRARY

Asset #: 4202

Electrical	Current Repair	Future R	Replacement	Maintenance			
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Lighting							
Interior Lighting							
Fluorescent	5%	2030	\$12,100	10	\$1,000		
	T-12 Lamps And Fixtures, Extent: Lig	ght, Area Affec	ted : 5%				
	Location : Main Floor						
Fluorescent	5%	2035	* *	10	\$1,000		
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Basement						
	Explanation: T-8 Lamps						
Fluorescent	1%	2035	* *	10	\$200		
	Other Observation, Extent : Light, Ar	ea Affected : 1	00%				
	Location : Basement, Hallway						
	Explanation: T-5 Lamps						
Fluorescent	19%	2035	* *	10	\$3,800		
	Compact Fluorescent Light, Extent : I	Light, Area Aff	ected : 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/	2027	* *		40.40		
Generic	100%	2035		1	\$8,100		
	Other Observation, Extent : Light, Ar		00%				
	Location: Throughout The Building						
E' (C1 D1'	Explanation : CCTV System						
Fire/Smoke Detection	20%	2025	¢11 100	1.2	¢2 700		
Generic, Analog	20% 80%	2025	\$11,100 * *	1-3 1-3	\$2,700 \$10,700		
Generic, Digital	ðU70	2033		1-3	\$10,700		

Mechanical	Current Repair	Repair Future Replaceme			nt Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	imated 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, Are	a Affected : 100	0%				
	Location: Basement						
	Explanation: One Unit						
Distribution							
Hot Wtr Piping/Pump	100%	2046	* *	4	\$1,100		
1 0 1	Recent Replace Evident, Extent: N/A, 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.

BROOKLYN PUBLIC LIBRARY - 038 FLATBUSH BRANCH LIBRARY

Asset #: 4202

Mechanical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Air Handler	40%		2030	\$162,500	1	\$5,400	
Air Handler	20%		2038	**	1	\$2,700	
Convector/Radiator	40%		2035	* *	1	\$2,800	
Air Conditioning	1070		2000			Ψ2,000	
Energy Source							
Electricity	100%		2046	* *	1		
Conversion Equipment							
Reciprocating	60%		2030	\$191,100	1	\$6,100	
Compr/Chiller				, , , , ,		, , , , , ,	
	R-22 Refrigerant, Location: Basen	Extent : Light, Area Ą nent	ffected :	100%			
Window/Wall Unit	40%		2028	\$32,700	1		
Distribution	1070		2020	Ψ32,700			
CW & CHW Wtr	80%		2040	* *	4	\$1,300	
Pipe/Pump	0070		_0.0		·	\$1,500	
No Component	20%						
Terminal Devices							
Air Handler/Cool/Ht	60%		2030	\$251,400	1	\$8,100	
Fan Coil - 4 Pipe	20%		2035	**	1	\$1,400	
No Component	20%					. ,	
Heat Rejection							
Air Cooled Condenser	100%		2030	\$62,500	2	\$15,200	
Unit							
/entilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$12,200	
Exhaust Fans							
Roof	100%		2035	* *	2	\$700	
Plumbing							
H/C Water Piping							
Brass/Copper	20%		2040	* *	1		
Galvanized Steel	80%		2035	* *	1		
Water Heater With Tanks							
Electric	100%		2028	\$23,400	4		
		ı, Extent : Light, Area	Affected	: 100%			
	Location: Basen						
	Explanation: 50	Gallon Unit					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2035	* *	4	\$500	
Sewage Ejector(s) Electric	100%		2030	\$11,300	4	\$900	
Licottic	100/0		2030	Ψ11,500	•	Ψ200	

Maintenance \$ are aggregated over a 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 Repai	r Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated 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	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.

Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture		\$241,000
Mechanical	\$77,700	\$187,400
Site Pavements		\$98,400
Total	\$77,700	\$526,800
Importance Code A		\$241,000
Importance Code B	\$77,700	\$187,400
Importance Code C		\$98,400
Total	\$77,700	\$526,800

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$13,900			\$19,600
Interior Architecture	\$34,400	\$2,100		\$6,300
Electrical	\$600	\$500	\$400	\$49,300
Mechanical	\$17,900	\$1,300	\$1,900	\$30,400
Site Pavements	\$16,800			
Total	\$83,700	\$4,000	\$2,300	\$105,600
Importance Code A	\$14,600	\$600	\$600	\$20,200
Importance Code B	\$63,700	\$3,400	\$1,700	\$85,400
Importance Code C	\$5,500			
Total	\$83,700	\$4,000	\$2,300	\$105,600



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.

BROOKLYN PUBLIC LIBRARY - 038 FLATLANDS BRANCH LIBRARY

Asset #: 13249

Architecture		Current	Repair	Future Replacement		М	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	100/				4. 4.	_	44.400	
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,100	
Masonry: Brick	87%	N.T.	#2 000	LIFE	* *	5	\$15,900	
Pre-Cast Concrete	3%		\$2,000 od, Extent : Moder	LIFE		5	\$1,800	
		ur Miss/Er : Window		uie, Arei	i Ajjeciea . 50%			
Windows								
Glass Block	50%			LIFE	* *	5	\$2,000	
Steel	50%			2037	* *	5	\$39,300	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	\$2,500	
Metal Panel		Now	\$4,500	2049	* *	5	\$500	
			ents, Extent : Sever	e, Area .	Affected: 25%			
D. C	Location	: Metai C	oping At East Side					
Roof Modified Bitumen	25%			2034	* *	10	\$7,400	
Modified Bitumen	75%			2034	\$241,000	10	\$22,300	
Soffits	13/0			2029	\$241,000	10	\$22,300	
Metal Panel	100%			2049	* *	5-10		
Interior	10070			2017		3 10		
Floors								
Ceramic Tile	5%			2038	* *	5	\$900	
Vinyl Tile	95%			2034	* *	3	\$6,400	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	\$800	
Gypsum Board	95%			LIFE	* *	5	\$9,300	
Ceilings	• • • • •		*** * * * * * * * * * * * * * * * * *	• • • • •		_	4	
AcousTileConcealSpLn	20%		\$34,400	2049	**	5	\$2,300	
		ssing Eiem : Mezzani	ents, Extent : Mode	erate, Ar	ea Affectea : 20%			
			e Extent : Moderate	1 rag 1:	facted · 25%			
	_	crumonng, ı : Mezzani		, агеи ај	geciea . 2570			
AcousTileSusp.Lay-In	70%	. 1710224777		2042	* *	5	\$12,600	
Gypsum Board	10%			LIFE	* *	5	\$2,300	
Site Enclosure	1070			LIIT			\$2,300	
Fence/Gates								
Chain Link	100%			2039	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	\$11,400	2042	* *			
	_	_	Extent : Moderate	, Area Aj	ffected : 20%			
O C' W !!	Location	: Troy Ave	nue					
On-Site Walkways Cast in Place Concrete	1000/	4.1	¢400	2042	* *			
Cast in Place Concrete	100%	4+ Crumblina	\$600 Extent : Moderate	2042				
			Extent : Moaerate Building - Flatbus					
	Locuitor	. 1 Toni Oj	Dunaing - Flaibus	n Avenue	÷			

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

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

BROOKLYN PUBLIC LIBRARY - 038 FLATLANDS BRANCH LIBRARY

Asset #: 13249

Architecture		Current 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

Site Pavements

Parking/Driveway

Asphalt 100% Now \$4,900 2032 \$98,400

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

Location: Rear Of Building

Electrical	Current Repair	Current Repair Future Replac		ncement Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2029	\$3,700	5	\$100	
	Other Observation, Extent : Light,	Area Affected :	100%			
	Location : Electrical Room					
	Explanation : Main Service Switch	ch Rated At 400	Amperes			
Switchgear / Switchboard	1000/	•••		_	4200	
Molded Case Bkrs	100%	2029	\$43,000	5	\$300	
Raceway	000/	•••				
Conduit	90%	2029	\$32,800	1		
Conduit	10%	2049	* *	1		
Panelboards	5 0./	2020	Ф1 000	_		
Fused Disc Sw	5%	2028	\$1,000 * *	5	#100	
Molded Case Bkrs	20%	2045		5	\$100	
Molded Case Bkrs	75%	2028	\$14,800	5	\$200	
Wiring	000/	2020	#2 < 100			
Thermoplastic	80%	2029	\$26,400	1		
Thermoplastic	20%	2049	~ ~	1		
Motor Controllers	1000/	2027	Ф4 7 200	-	#100	
Locally Mounted	100%	2027	\$47,300	5	\$100	
Ground						
Grounding Devices Not Accessible	100%					
	100%					
ighting Interior Lighting						
LED	100%	2037	* *			
LLD	Other Observation, Extent : Light,		100%			
	Location: Throughout The Build		10070			
	Explanation: LED Light Fixture.	-				
Egress Lighting		~				
Emergency, Battery	50%	2037	* *	10	\$1,500	
Exit, Service	50%	2037	* *	1	Ψ1,000	
Exterior Lighting						
LED	10%	2037	* *			
	Other Observation, Extent : Light,		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.

BROOKLYN PUBLIC LIBRARY - 038 FLATLANDS BRANCH LIBRARY

Asset #: 13249

Electrical	Current Repair	Futur	e Replacement	M	aintenance				
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Alarm									
Security System									
Generic	100%	2037	* *	1	\$4,500				
	Other Observation, Extent : Li	ight, Area Affected	: 100%						
	Location : Inside And Outsia	le							
	Explanation: CCTV Surveillance Cameras, Intrusion Alarm, Motion Sensors And Panic								
	Doors								

Mechanical	Current Repair		e Replacement	Maintenance		
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						
Furnace	40%	2029	\$14,800	1	\$2,400	
	Other Observation, Extent : Light, Area Location : Roof	Affected	: 40%			
	Explanation: 2 Rooftop Package Unit	ts				
Hot Water Boiler	60%	2034	* *	1	\$3,600	
	Other Observation, Extent : Light, Area Location : 1st Floor Boiler Room Explanation : 1 Unit		: 60%		42,222	
Distribution						
Hot Wtr Piping/Pump	60%	2037	* *	4	\$500	
No Component	40%					
Terminal Devices						
Air Handler	30%	2029	\$67,300	1	\$2,200	
Convector/Radiator	30%	2027	\$29,200	1	\$1,200	
No Component	40%					
ir Conditioning						
Energy Source						
Electricity	100%	2037	* *	1		
Conversion Equipment Int Pkg Unit - Heating/Cooling	40%	2027	\$77,700	2	\$300	
Treating/Cooming	R-22 Refrigerant, Extent : Light, Area A	ffected ·	40%			
	Location: 1st Floor Mechanical Room	n				
Ext Pkg Unit - Heating/Cooling	60%	2029	\$120,100	2	\$400	
	R-22 Refrigerant, Extent : Light, Area A	ffected :	60%			
	Location: 2 Units On Roof					
/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.

BROOKLYN PUBLIC LIBRARY - 038 FLATLANDS BRANCH LIBRARY

Asset #: 13249

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								
Exhaust Fans								
Interior	30%			2029	\$15,900	2	\$100	
Roof	70%			2029	\$16,200	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2024	\$16,900	2		
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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 14-May-2021 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 6114 Lot : 37 BIN : 3155499

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture		\$62,400
Mechanical		\$110,300
Total		\$172,700
Importance Code A		\$62,400
Importance Code B		\$110,300
Total		\$172,700

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$1,200		\$3,500	\$1,700
Interior Architecture	\$7,200	\$1,200	\$900	
Electrical	\$500	\$700	\$500	\$3,100
Mechanical	\$800	\$500	\$1,300	\$500
Site Pavements	\$1,200			
Total	\$10,800	\$2,400	\$6,200	\$5,300
Importance Code A	\$1,500	\$400	\$3,900	\$2,100
Importance Code B	\$2,000	\$2,000	\$1,700	\$3,200
Importance Code C	\$7,200		\$600	
Total	\$10,800	\$2,400	\$6,200	\$5,300



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 #: 13250

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
Exterior	<u>'</u>							•
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$12,700	
Masonry: Brick Cavity	15%			LIFE	* *	5	\$2,500	
Masonry: Limestone	5%			LIFE	* *	5	\$600	
Metal Panel	5%			2052	* *	5-10	\$5,800	
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Roof						
	Explana	tion : Equip	oment Screen Wall					
Windows								
Aluminum	98%			2048	* *	5	\$2,000	
Metal Louvers	2%			2041	* *	10	\$300	
Parapets		·						
Masonry: Brick	20%			LIFE	* *	5	\$300	
Metal Panel	5%			2052	* *	5	\$300	
No Component	75%							
Roof								
Built-Up (BUR)	30%			2032	\$62,400	10	\$5,400	
Modified Bitumen	30%	0-2	\$1,200	2037	* *			
	D	7 /7						
		•	, Extent : Moderate					
		•	, Extent : Moderate ain Above New Coi					
Slate		•						
Slate Soffits	Location	•		nmunity	Room			
	Location	•		nmunity	Room	5	\$7,100	
Soffits Fiberglass Panel	Location 40%	•		nmunity LIFE	Room **	5	\$7,100	
Soffits Fiberglass Panel	Location 40%	•		nmunity LIFE	Room **	5	\$7,100	
Soffits Fiberglass Panel aterior	Location 40%	•		nmunity LIFE	Room **	5	\$7,100 \$1,200	
Soffits Fiberglass Panel nterior Floors	40% 100%	•		LIFE 2041	** **			
Soffits Fiberglass Panel nterior Floors Cast in Place Concrete	Location 40% 100% 5%	•		LIFE 2041	** ** **	5	\$1,200	
Soffits Fiberglass Panel nterior Floors Cast in Place Concrete Ceramic Tile	Location 40% 100% 5% 5%	•		LIFE 2041 LIFE 2041	** ** **	5 5	\$1,200 \$600	
Soffits Fiberglass Panel nterior Floors Cast in Place Concrete Ceramic Tile Slate	Location 40% 100% 5% 5% 2%	•		LIFE 2041 LIFE 2041 LIFE	** ** ** **	5 5 5	\$1,200 \$600 \$200	
Soffits Fiberglass Panel Interior Floors Cast in Place Concrete Ceramic Tile Slate Vinyl Tile	Location 40% 100% 5% 5% 2%	•		LIFE 2041 LIFE 2041 LIFE	** ** ** **	5 5 5 3	\$1,200 \$600 \$200	
Soffits Fiberglass Panel Interior Floors Cast in Place Concrete Ceramic Tile Slate Vinyl Tile Interior Walls	Location 40% 100% 5% 5% 2% 88%	•		LIFE 2041 LIFE 2041 LIFE 2041 LIFE 2037	** ** ** ** **	5 5 5 3	\$1,200 \$600 \$200 \$3,600	
Soffits Fiberglass Panel Interior Floors Cast in Place Concrete Ceramic Tile Slate Vinyl Tile Interior Walls Ceramic Tile	Location 40% 100% 5% 5% 2% 88%	•		LIFE 2041 LIFE 2041 LIFE 2037	** ** ** ** ** **	5 5 5 3	\$1,200 \$600 \$200 \$3,600	
Soffits Fiberglass Panel Interior Floors Cast in Place Concrete Ceramic Tile Slate Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit	Location 40% 100% 5% 5% 2% 88% 5% 25%	: Roof Dro	ain Above New Con	LIFE 2041 LIFE 2041 LIFE 2037 2041 LIFE LIFE LIFE	** ** ** ** ** ** **	5 5 5 3 5 5	\$1,200 \$600 \$200 \$3,600 \$1,200 \$500	
Soffits Fiberglass Panel Interior Floors Cast in Place Concrete Ceramic Tile Slate Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit	Location 40% 100% 5% 5% 2% 88% 5% 5% 5% Staining/L	: Roof Dro	\$1,600 , Extent: Light, Are	LIFE 2041 LIFE 2041 LIFE 2037 2041 LIFE LIFE LIFE	** ** ** ** ** ** **	5 5 5 3 5 5	\$1,200 \$600 \$200 \$3,600 \$1,200 \$500	
Soffits Fiberglass Panel Interior Floors Cast in Place Concrete Ceramic Tile Slate Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board	Location 40% 100% 5% 5% 2% 88% 5% 5% 5% Staining/L	4+ Discoloring,	\$1,600 , Extent : Light, Are	LIFE 2041 LIFE 2041 LIFE 2037 2041 LIFE LIFE LIFE LIFE LIFE LIFE LIFE LIFE	** ** ** ** ** ** **	5 5 5 3 5 5	\$1,200 \$600 \$200 \$3,600 \$1,200 \$500	
Soffits Fiberglass Panel Interior Floors Cast in Place Concrete Ceramic Tile Slate Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit	Location	4+ Discoloring, 1: At HVAC	\$1,600 Extent: Light, Are Ducts	LIFE 2041 LIFE 2041 LIFE 2037 2041 LIFE LIFE LIFE ta Affector	** ** ** ** ** ** ** ** ** **	5 5 5 3 5 5	\$1,200 \$600 \$200 \$3,600 \$1,200 \$500	
Soffits Fiberglass Panel Interior Floors Cast in Place Concrete Ceramic Tile Slate Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board	Location	4+ Discoloring, 1: At HVAC	\$1,600 Extent: Light, Are Ducts \$4,500 Moderate, Area	LIFE 2041 LIFE 2041 LIFE 2037 2041 LIFE LIFE LIFE ta Affector	** ** ** ** ** ** ** ** ** **	5 5 5 3 5 5	\$1,200 \$600 \$200 \$3,600 \$1,200 \$500	
Soffits Fiberglass Panel Interior Floors Cast in Place Concrete Ceramic Tile Slate Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board	Location	4+ Discoloring, At HVAC	\$1,600 Extent: Light, Are Ducts \$4,500 Moderate, Area	LIFE 2041 LIFE 2041 LIFE 2037 2041 LIFE LIFE LIFE ta Affector	** ** ** ** ** ** ** ** ** **	5 5 5 3 5 5	\$1,200 \$600 \$200 \$3,600 \$1,200 \$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 #: 13250

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
Interior								
Ceilings								
AcousTileSusp.Lay-In	35%		\$1,100	2045	* *	5	\$1,600	
		iscoloring, : At HVAC	Extent : Moderate Ducts	, Area Aj	ffected : 5%			
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	25%			LIFE	* *	5	\$2,900	
Plaster	35%			LIFE	* *	5	\$2,000	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2052	* *			
Retaining Walls								
Cast in Place Concrete	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	75%			2049	* *			
Masonry: Granite	25%	Now	\$1,200	LIFE	* *			
		ar Miss/Er : Front En	od, Extent : Light, . atry Steps	Area Affe	ected : 10%			
Parking/Driveway				_				
Asphalt	100%			2041	* *			

Electrical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2052	* *	5		
	Other Observation, Extent : N	//A, Area Affected : 100%	Ó			
	Location: Basement					
	Explanation : Main Service	Disconnect Switch Rated	At 400 Amp	eres.		
Switchgear / Switchboard						
Fused Disc Sw	100%	2052	* *	5		
Raceway						
Conduit	100%	2052	* *	1		
Panelboards						
Fused Disc Sw	5%	2048	* *	5		
Molded Case Bkrs	95%	2048	* *	5	\$200	
Wiring						
Thermoplastic	100%	2052	* *	1		
Motor Controllers						
Locally Mounted	100%	2045	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	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 #: 13250

Electrical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting	200/	2025	* *	10	#1.400	
Fluorescent	20%	2037		10	\$1,400	
	Other Observation, Extent:	N/A, Area Affected :	100%			
	Location: Basement					
	Explanation: T-8 Lamps					
Fluorescent	5%	2037	* *	10	\$300	
	Other Observation, Extent:	N/A, Area Affected :	100%			
	Location: Reading Areas					
	Explanation : Compact Flu					
LED	75%	2040	* *			
Egress Lighting						
Emergency, Battery	50%	2037	* *	10	\$900	
Exit, LED	50%	2060	* *	1		
Exterior Lighting						
HID	30%	2037	* *	10		
No Component	70%					
Alarm						
Security System						
No Component	70%					
Generic	30%	2037	* *	1	\$800	
	Other Observation, Extent : I	00				
	Location: Reading Areas,	,	g			
	Explanation : CCTV Survey	Ilance Cameras				
Fire/Smoke Detection						
Generic, Analog	100%	2037	* *	1-3	\$4,500	
	Other Observation, Extent : 1		100%			
	Location: Throughout The	O .				
	Explanation : Strobe Lights	, Manual Pull Statio	ons, Alarm Bells, S	moke De	tectors, Horns	

Mechanical	Current Repair	Futu	e Replacement	М	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%	2052	* *	1				
Conversion Equipment								
Furnace	65%	2032	\$14,800	1	\$2,400			
	Other Observation, Extent: N/A, Area A	Affected :	100%					
	Location : Roof							
	Explanation: 2 Package Units							
Hot Water Boiler	35%	2045	* *	1	\$1,300			
	Other Observation, Extent : N/A, 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 #: 13250

Mechanical	Current Repair	Current Repair Future Repl		M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Distribution						
Hot Wtr Piping/Pump	35%	2040	* *	4	\$200	
No Component	65%					
Terminal Devices						
Convector/Radiator	35%	2037	* *	1	\$800	
No Component	65%					
Air Conditioning						
Energy Source	1000/	2040	ماد ماد			
Electricity	100%	2048	* *	1		
Conversion Equipment						
Ext Pkg Unit -	90%	2032	\$110,300	2	\$400	
Heating/Cooling		100 1 1	000/			
	Other Observation, Extent : N/A, Ar	ea Affected : 1	00%			
	Location: Roof	410				
	Explanation: 2 Package Units. R-					
Split Unit	10%	2032	\$17,300			
	Other Observation, Extent : Light, A	Area Affected :	100%			
	Location : Roof					
	Explanation: 2 Units. R-410a					
Terminal Devices						
Fan Coil - 2 Pipe	10%	2032	\$22,300	1	\$200	
No Component	90%					
Heat Rejection						
Dry Cooler	10%	2032	\$3,300	2	\$500	
No Component	90%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,100	
Exhaust Fans						
Roof	100%	2032	\$14,200	2	\$200	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2052	* *	1		
Water Heater With Tanks						
Gas Fired	100%	2030	\$16,900	2		
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
Sprinkler No Component	80%					

Maintenance \$ are aggregated over a 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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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	FY 2024 - 2027	FY 2028 - 2033
Mechanical		\$144,800
Total		\$144,800
Importance Code B		\$144,800
Total		\$144.800

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$10,200		\$600	
Interior Architecture		\$1,600	\$1,100	\$500
Electrical	\$30,600	\$500	\$600	\$700
Mechanical	\$1,100	\$1,300	\$1,900	\$1,600
Total	\$41,900	\$3,400	\$4,200	\$2,700
Importance Code A	\$10,700	\$500	\$1,100	\$500
Importance Code B	\$31,200	\$3,000	\$3,100	\$2,100
Importance Code C				\$100
Total	\$41,900	\$3,400	\$4,200	\$2,700



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 #: 14459

Architecture	Curren	t Repair	Futur	e Replacement	M		
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	••				_		
Cast Stone/Terra Cotta	2%		LIFE	* *	5	\$1,400	
Exposed Struc: Steel	2%	ut Light Auga Affa	LIFE		5	\$500	
	Location : Throug	nt : Light, Area Affec shout					
Masonry: Brick	76%		LIFE	* *	5	\$6,600	
	Cracking/Crumblin Location : Throug	g, Extent : Light, Are hout	ea Affecte	ed : 5%			
Metal Panel	5%		2049	* *	5-10	\$3,000	
	Painted Surfaces, E Location : Rear C	Extent : Light, Area A If Building	ffected :	10%			
Window Wall	15%		2049	* *	5	\$4,900	
Windows							
Aluminum	99%		2051	* *	5	\$1,300	
Metal Louvers	1%		2032	\$700	10	\$100	
	Deteriorated Finish Location : Front (ı, Extent : Light, Are Of Building	a Affecte	d : 50%			
Parapets	100/				_		
Cast Stone/Terra Cotta	10%		LIFE	**	5	\$600	
	Location : Throug	Erod, Extent : Light, shout	Area Affe	ectea : 1%			
Masonry: Brick	40%		LIFE	* *	5	\$300	
	Vertical Cracks, Ex Location : West Si	tent : Light, Area Aff ide	fected : 1	%			
No Component	50%						
Roof							
Asphalt Shingle	65%		2042	* *	10	\$2,200	
Modified Bitumen	35%		2034	* *	10	\$6,900	
Soffits	0.007		202-		4.0		
Cement - Fiber Panel	90%	T	2037	**	10		
	Staining/Discolorin Location: Throug	g, Extent : Light, Ar	ea Affecte	ed : 15%			
F 10. 0. 1		noui	LIDE	.			
Exposed Struc: Steel	10%		LIFE	* *	5		
Interior Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$1,600	
Ceramic Tile	5%		2042	* *	5	\$700	
Vinyl Tile	90%		2037	* *	3	\$4,800	
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	* *			

Maintenance \$ are aggregated over a 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	ecture Current Repair		Futur	e Replacement	M		
System Component Type		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 Repla	cement	M	aintenance			
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Estima	ated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Inder 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2039	* *	5				
	Other Observation, Extent : Light	ht, Area Affected : 100%						
	Location : Electrical Room							
	Explanation : Main Service Di	sconnect 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	on						
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		Future Replacement		Maintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	25%	2024	\$27,600	10	\$2,300	
TI.	T-12 Lamps And Fixture Location : Offices, Ele					
Fluorescent	5%	2029	\$5,500	10	\$500	
	Compact Fluorescent Li					
	Location : Offices					
LED	70%	2037	* *			
	Other Observation, Exte	nt : Light, Area Affected	l : 100%			
	Location: Reading Are	eas				
	Explanation : LED Lig	ht				
Egress Lighting						
Emergency, Battery	50%	2029	\$8,300	10	\$1,200	
Exit, Service	50%	2029	\$1,700	1		
Exterior Lighting						
LED	30%	2037	* *			
No Component	70%					
larm						
Security System						
Generic	100%	2037	* *	1	\$3,700	
	Other Observation, Exte					
	Location: Inside And					
· · · · · · · · · · · · · · · · · · ·	Explanation: CCTV S	urveillance Cameras				
Fire/Smoke Detection						
No Component	70%					
Generic, Digital	30%	2029	\$7,600	1-3	\$1,800	
		Other Observation, Extent : Light, Area Affected : 100%				
	Location : Reading Are					
	Explanation : Smoke L	Detector, Strobe Lights				

Mechanical	Current Repair	Future Rep	olacement	M		
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Esti FY	mated 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	9%			
	Location : First Floor					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2051	* *	4	\$500	
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		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Int Pkg Unit -	90%			2033	\$144,800	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 With Tanks								
Electric	100%			2028	\$23,400	4		
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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture		\$200,500
Mechanical		\$315,400
Total		\$515,900
Importance Code A		\$200,500
Importance Code B		\$315,400
Total		\$515,900

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$53,900			
Interior Architecture	\$2,000	\$400		\$1,200
Electrical	\$17,300	\$500	\$400	\$400
Mechanical	\$800	\$1,900	\$30,400	\$2,100
Site Enclosure	\$200			
Total	\$74,200	\$2,800	\$30,900	\$3,600
Importance Code A	\$54,300	\$400	\$500	\$400
Importance Code B	\$19,600	\$2,300	\$30,400	\$3,300
Importance Code C	\$200	\$200		
Total	\$74,200	\$2,800	\$30,900	\$3,600



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

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Masonry: Brick			\$21,600 rod, Extent : Light, out	LIFE Area Aff	* * Pected : 10%	5	\$13,200	
Masonry: Limestone	20%			LIFE	* *	5	\$2,800	
Granite Panels	10% Joint Mor Location	tar Miss/Ei	\$11,500 rod, Extent : Light,	LIFE Area Aff	* * Pected : 10%	5	\$1,400	
Windows Aluminum	100%			2039	* *	5	\$1.400	
	100%	·		2039		5	\$1,400	
Parapets Masonry: Brick	3%			LIFE	* *	5		
Masonry: Limestone	2%			LIFE	* *	5		
Metal Panel	1%			2041	* *	5		
No Component	94%							
Roof Modified Bitumen	Location Worn/Eroo	ng, Extent : 1 : Through	: Moderate, Area					
Soffits								
Cast in Place Concrete	50%			LIFE	* *	5		
Stucco Cement	50%			2036	* *	5		
Interior Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$1,200	
Ceramic Tile	5%			2040	* *	5	\$500	
Terrazzo	2%			LIFE	* *	5	\$200	
Vinyl Tile			Extent : N/A, Area A out	2039 Affected :	* *	3	\$4,700	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	\$300	
Concrete Masonry Unit	5%			LIFE	* *	5	\$100	
Plaster	20%			LIFE	* *	5	\$400	
SGFT/Glazed Masonry	70%			LIFE	* *			
Ceilings	1.507			2011	الله الله الله الله الله الله الله الله	_	4. (00	
AcousTileSusp.Lay-In	15%			2044	* *	5	\$1,600	
Exposed Struc: Steel Plaster	5% 80%			LIFE LIFE	* *	5	\$5,300	
Site Enclosure	ðU%	·		LILE		<u> </u>	\$5,300	
Fence/Gates								
Iron Picket	50%			2051	* *			
Masonry: Brick	50%		\$200	2041	* *			
y	Cracking/	Crumbling,	Extent : Moderate Areaway On East S	e, Area Aj	ffected : 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 #: 13252

Architecture	Current R	Repair	Futur	ture Replacement Maintenance		Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Site Enclosure									
Free Standing Walls									
Cast in Place Concrete	100%		2051	* *					
Other Observation, Extent: N/A, Area Affected: 100%									
	Location: Site Wall On West Property Line								
	Explanation: This I	s Actually Pre-cast	Concre	te Construction					
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	* *					

Electrical		Current Repair		Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts	<u>'</u>							
Service Equipment								
Molded Case Bkrs	100%			2031	\$43,000	5	\$200	
	Other Obse	ervation, E	Extent : Moderate, A	1rea Affe	ected : 100%			
	Location	: Electrica	al Room					
	Explanat	ion : One	Electrical Service F	Rated At .	350 Amperes			
Raceway								
Conduit	90%			2031	\$32,800	1		
Conduit	10%			2057	* *	1		
Panelboards								
Molded Case Bkrs	60%			2030	\$11,900	5	\$100	
Molded Case Bkrs	40%			2047	* *	5	\$100	
Wiring								
Braided Cloth	20%	2-4	\$6,600	2056	* *	1		
		0	ent : Moderate, Are	a Affecte	ed : 100%			
	Location	: Basemer	ıt					
Thermoplastic	70%			2031	\$23,100	1		
Thermoplastic	10%			2057	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	\$100	
round								
Grounding Devices								
Generic	100%	0-2	\$10,300	LIFE	* *	5	\$100	
	Other Obse	ervation, E	Extent : Moderate, A	1rea Affe	ected : 100%			
	Location	: Basemer	ıt					
	Explanat	ion : Grou	nd Bus Bar Not Ob	served	Jumper Wire For W	ater Mei	ter Observed.	
ighting								
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 Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	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	\$13,900	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	\$5,800	1-3	\$1,400	

Mechanical	Current Repa	air Futur	e Replacement	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%	2051	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2036	* *	1	\$3,700	
	Other Observation, Exten	_	: 100%			
	Location: Basement Bo	oiler Room				
	Explanation: 2 Units					
Distribution						
Hot Wtr Piping/Pump	100%	2039	* *	4	\$400	
Terminal Devices						
Air Handler	75%	2031	\$104,900	1	\$3,500	
Convector/Radiator	25%	2029	\$15,200	1	\$600	
Air Conditioning						
Energy Source						
Electricity	100%	2047	* *	1		
Conversion Equipment						
Int Pkg Unit -	95%	2029	\$115,000	2	\$400	
Heating/Cooling						
	R-22 Refrigerant, Extent		100%			
	Location: Basement Eq	uipment Room				
Split Unit	5%	2036	* *			
Heat Rejection						
Dry Cooler	95%	2031	\$32,400	2	\$5,000	
No Component	5%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,200	

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 #: 13252

lechanical	Current Repair Future Replacement		M					
ystem Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
entilation								
Exhaust Fans								
Interior	80%			2031	\$26,400	2	\$200	
Roof	20%			2031	\$2,900	2		
umbing								
H/C Water Piping								
Brass/Copper	100%			2031	\$95,500	1		
Water Heater With Tanks								
Electric	100%			2026	\$23,400	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2026	\$1,500	4	\$200	
Sewage Ejector(s)								
Electric	100%			2026	\$3,900	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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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

Block : 8300 Lot : 1 BIN : 3234514

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Mechanical		\$230,700
Total		\$230,700
Importance Code B		\$230,700
Total		\$230,700

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			\$2,700	
Interior Architecture	\$6,100	\$300		\$1,400
Electrical	\$900	\$800	\$1,900	\$900
Mechanical	\$500	\$600	\$18,000	\$700
Site Enclosure	\$200			
Site Pavements	\$3,800			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$15,400	\$5,700	\$26,600	\$6,900
Importance Code A	\$400	\$400	\$3,200	\$400
Importance Code B	\$14,700	\$5,300	\$23,400	\$6,500
Importance Code C	\$300			
Total	\$15,400	\$5,700	\$26,600	\$6,900



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.

BROOKLYN PUBLIC LIBRARY - 038 JAMAICA BAY BRANCH LIBRARY

Asset #: 13253

Architecture		Current F	Repair	Future Replacement Maintenance		laintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority
Exterior	•					•		•
Exterior Walls								
Concrete Masonry Unit	90%			LIFE	*	* 5	\$11,600	
Pre-Cast Concrete	3%			LIFE	*	* 5	\$2,000	
Window Wall	7%			2041	*	* 5	\$5,400	
Windows								
Glass Block	100%			LIFE	*	* 5	\$2,000	
Parapets								
Concrete Masonry Unit	95%			LIFE	*	* 5		
Pre-Cast Concrete	5%			LIFE	*	* 5		
Roof								
Not Accessible	100%							
Interior								
Floors								
Ceramic Tile	5%			2040	*	5	\$600	
Vinyl Tile	95%	Now	\$6,100	2036	*	* 3	\$4,200	
			tent : Moderate, Ar		ted : 2%			
			de Of Main Readin	_				
	Water Pen	etration, E	xtent : Moderate, A	rea Affe	cted : 5%			
	Location	: South Sid	de Of Main Readin	g Room				
Interior Walls								
Concrete Masonry Unit	100%			LIFE	*	* 5		
Ceilings								
AcousTileSusp.Lay-In	75%			2044	*	* 5		
Gypsum Board	25%			LIFE	*	* 5		
Site Enclosure								
Fence/Gates								
Chain Link	60%			2041	*	*		
Concrete Masonry Unit	15%			2041	*	*		
Iron Picket	25%			2051	*	*		
Retaining Walls								
Cast in Place Concrete	100%	Now	\$200	2051	*	*		
	Cracking/	Crumbling,	Extent: Moderate	, Area A <u>j</u>	fected : 10%			
	Location	: Handica	p Ramp Cheek Wal	ls				
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	\$3,500	2036	*	*		
	Cracking/	Crumbling,	Extent: Moderate	, Area A <u>j</u>	fected : 5%			
	Location	: Tree Pit	On East 98th Street	t Sidewai	lk			
	Tripping I	lazard, Ext	ent : Moderate, Are	ea Affecto	ed : 5%			
	Location	: Tree Pit	On East 98th Street	t Sidewai	lk			
On-Site Walkways								
Cast in Place Concrete	90%	Now	\$300	2036	*	*		
			, Extent : Moderate		Iffected : 2%			
		: Rear Ent						
	Localion	. Itcur Lin						
Pavers/Stone		. Rear Em		2034	*	*		
Pavers/Stone Parking/Driveway	10%	. Rear Bill		2034	*	*		

Maintenance \$ are aggregated over a 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	t Repair	Future Replacement Maintenance			t Maintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment	1000/			0.42	_	4.00	
Molded Case Bkrs	100%	Fortant Liebt Asses	2031	\$43,000	5	\$200	
		Extent : Light, Area cal Closet In The Me					
		cai Ciosei In The Me in Service Switch Ra	_				
Switchgear / Switchboard	Ехрининон . Ми	in Service Switch Ru	ica 211 40	10 Amperes			
Molded Case Bkrs	100%		2031	\$43,000	5	\$200	
Raceway				· · · · · · · · · · · · · · · · · · ·		·	
Conduit	20%		2031	\$7,300	1		
Conduit	80%		2051	* *	1		
Panelboards							
Molded Case Bkrs	100%		2030	\$19,800	5	\$200	
Wiring							
Thermoplastic	30%		2031	\$9,900	1		
Thermoplastic	70%		2051	* *	1		
Motor Controllers	1000/		2044	* *	-	#100	
Locally Mounted	100%		2044	* *	5	\$100	
Ground Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
Lighting	10070		LIIL			\$100	
Interior Lighting							
Fluorescent	1%		2026	\$900	10	\$100	
	T-12 Lamps And Fix	xtures, Extent : Light	ffected : 100%				
	Location: Boiler	Room					
LED	99%		2036	* *			
Egress Lighting							
Emergency, Battery	50%		2031	\$6,500	10	\$900	
Exit, Battery	50%		2031	\$4,500	10	\$300	
Exterior Lighting							
HID	100%		2036	* *	10		
Alarm							
Security System	1000/		2027	* *	1	#2.000	
Generic	100%	Extent : Links A	2036		1	\$2,900	
	Location : Throug	Extent : Light, Area	Ајјестеа	. 10070			
	-	nout The Buttaing TV Surveillance Can	10ras				
Fire/Smoke Detection	Елрининоп . СС	ir surveillance Can	ierus				
Generic, Digital	100%		2036	* *	1-3	\$5,000	
	100,0		_000			Ψ2,000	

Mechanical	Current Repair			Futu	re Replacement	M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	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.

BROOKLYN PUBLIC LIBRARY - 038 JAMAICA BAY BRANCH LIBRARY

Asset #: 13253

Mechanical	Current Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2041	* *	1		
Conversion Equipment	4-04					
Furnace	65%	2031	\$15,700	1	\$2,500	
	Other Observation, Extent:	Light, Area Affected	: 63%			
	Location: Roof	ita				
H . W . D "	Explanation : 4 Package U		* *		#1 400	
Hot Water Boiler	35%	2036		1	\$1,400	
	Other Observation, Extent: Location: 1st Floor Boiler		: 33%			
		Koom				
Distribution	Explanation: 2 Units					
Hot Wtr Piping/Pump	35%	2039	* *	4	\$100	
No Component	65%	2039		7	\$100	
Terminal Devices	0570					
Convector/Radiator	35%	2036	* *	1	\$900	
No Component	65%	2030		1	Ψ, σσ	
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		
Conversion Equipment						
Ext Pkg Unit -	100%	2031	\$130,700	2	\$500	
Heating/Cooling						
	R-22 Refrigerant, Extent : Li	ght, Area Affected :	100%			
	Location: Roof					
	Other Observation, Extent:	Light, Area Affected	: 100%			
	Location: Roof					
	Explanation : 4 Package U	nits				
Ventilation						
Distribution Ductwork/Diffusers	1000/	LIEE	* *	2.5	\$4.400	
	100%	LIFE		2-5	\$4,400	
Exhaust Fans Roof	100%	2031	\$15,100	2	\$200	
Plumbing	10070	2031	\$13,100		\$200	
H/C Water Piping						
Brass/Copper	100%	2031	\$99,900	1		
Water Heater With Tanks	10070	2031	Ψ,,,,,,,			
Gas Fired	100%	2026	\$16,900	2		
Sanitary Piping	**		¥,- 30			
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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 19-May-2021 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5416 Lot : 14 BIN : 3801250

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$89,600	\$177,700
Total	\$89,600	\$177,700
Importance Code A	\$89,600	\$177,700
Total	\$89,600	\$177,700

		\$900	
\$12,400	\$17,900	\$8,800	\$21,600
\$18,200	\$1,000	\$1,000	\$19,900
\$30,600	\$18,900	\$10,700	\$41,500
\$3,900	\$3,900	\$3,900	\$3,900
\$2,500	\$5,400	\$3,800	\$5,000
\$1,800	\$1,700	\$1,300	\$1,300
\$5,200	\$7,800	\$1,600	\$12,300
\$17,200			\$18,900
FY 2024	FY 2025	FY 2026	FY 2027
	\$17,200 \$5,200 \$1,800 \$2,500 \$3,900 \$30,600 \$18,200	\$17,200 \$5,200 \$1,800 \$1,700 \$2,500 \$3,900 \$30,600 \$18,900 \$18,200 \$1,000	\$17,200 \$5,200 \$7,800 \$1,600 \$1,800 \$1,700 \$1,300 \$2,500 \$5,400 \$3,800 \$3,900 \$3,900 \$3,900 \$30,600 \$18,900 \$10,700 \$18,200 \$1,000 \$1,000 \$12,400 \$17,900 \$8,800



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

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of I Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	000/		400 600			_	4 -00	
Cast Stone/Terra Cotta	80% Water Pene Location .		\$89,600 xtent : Moderate, A air	LIFE rea Affec	* * cted : 2%	5	\$177,700	
Metal Panel	5%			2058	* *	5-10	\$9,800	
Granite Panels		_	\$3,500 Extent : Moderate out	LIFE , Area A <u>j</u>	* * fected : 5%	5	\$1,100	
Window Wall	10%			2052	* *	5	\$10,700	
Windows								
Aluminum	95%			2048	* *	5	\$5,700	
Metal Louvers	5%			2041	* *	10	\$1,900	
Parapets						_	*	
Masonry: Brick Cavity	85%			LIFE	* *	5	\$1,600	
Metal Rail	5%			2049	* *	5-10	\$1,700	
Pre-Cast Concrete	10%			LIFE	* *	5	\$1,200	
Roof Metal Panel	50/	Now	\$13,100	2052	* *			
	Location .	: Stair Bui tration, E	xtent : Moderate, A					
Single Ply Membrane	75%			2037	* *	10	\$13,600	
Skylight, Metal/Glass	20%			2052	* *	10	\$12,100	
Soffits								
Exposed Struc: Steel	50%			LIFE	* *	5	\$500	
Glass: Special Gauge	50%			LIFE	* *	1		
	Location .	: Facade	Extent : Light, Area					
· ·	Explanati	on : Alum	inum Fins On Struc	ctural Ste	eel			
Interior Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$3,300	
Cast in Trace Concrete Ceramic Tile	5%			2041	* *	5	\$1,500	
Panel/Paver: Cer/Brk	5%			2048	* *	5	\$3,400	
Sheet Vinyl/Rubber	55%			2037	* *	5	\$24,600	
Vinyl Tile	30%			2037	* *	3	\$3,400	
Interior Walls	- *					-	,	
Ceramic Tile	5%			2041	* *	5	\$1,800	
Concrete Masonry Unit				LIFE	* *	5	\$700	
Glass: Single Pane	5%			LIFE	* *	5	\$1,300	
Gypsum Board	75%			LIFE	* *	5	\$16,100	
Wood	10%			LIFE	* *	5	\$14,300	

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 #: 14461

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
Interior								
Ceilings								
AcousTileSusp.Lay-In	45%			2045	* *	5	\$13,400	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	50%	Now	\$5,200	LIFE	* *	5	\$18,600	
		etration, E: 1 : Stair Bul	xtent : Severe, Area khead	Affected	l : 5%			
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2067	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways						•		•
Pavers/Stone	100%			2041	* *			

Electrical	Cur	rent Repair	Futu	Future Replacement		aintenance	
System Component Type		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2058	* *	5	\$100	
	Other Observat	ion, Extent : N/A, Area A	ffected :	100%			
	Location : Ele	ctrical Room					
	Explanation:	Main Service Bolted Pre	essure Sv	vitch Rated At 1600) Ampere	S.	
Switchgear / Switchboard					-		
Fused Disc Sw	100%		2058	* *	5	\$100	
	Other Observation, Extent: N/A, Area Affected: 100%						
	Location : Ele	ctrical Room					
	Explanation:	1 Vertical Section					
Raceway							
Conduit	100%		2058	* *	1		
Panelboards							
Fused Disc Sw	5%		2054	* *	5		
Molded Case Bkrs	95%		2054	* *	5	\$500	
Wiring							
Thermoplastic	100%		2058	* *	1		
Motor Controllers							
Locally Mounted	20%		2049	* *	5		
Motor Control Center	80%		2049	* *	5	\$400	
Fround						+ 100	
Grounding Devices							
Generic	100%		LIFE	* *	5	\$300	
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 #: 14461

Electrical	Current Repair	Futu	re Replacement	M				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Lighting								
Interior Lighting								
Fluorescent	85%	2040	* *	10	\$15,500			
	Other Observation, Extent : N/A, Area	Affected :	100%					
	Location: Throughout The Building							
	Explanation: T-5 Lamps							
Fluorescent	10%	2040	* *	10	\$1,800			
	Other Observation, Extent: N/A, Area Affected: 100%							
	Location: Throughout The Building							
	Explanation: Compact Fluorescent I	Light						
LED	5%	2040	* *					
Egress Lighting								
Emergency, Battery	50%	2040	* *	10	\$2,400			
Exit, LED	50%	2067	* *	1				
Exterior Lighting								
LED	25%	2040	* *					
No Component	75%							
Alarm								
Security System								
No Component	70%							
Generic	30%	2040	* *	1	\$2,200			
	Other Observation, Extent: N/A, Area Affected: 100%							
	Location: Reading Areas And Outsid	le						
	Explanation : CCTV Surveillance Ca	meras An	d Intrusion Alarm S	System				
Fire/Smoke Detection								
Generic, Digital	100%	2040	* *	1-3	\$12,300			
	Other Observation, Extent: N/A, Area Affected: 100%							
	Location: Throughout The Building							
	Explanation : Strobe Lights, Manual Horns	Pull Statio	ons, Alarm Bells, S	moke De	tectors And			

Mechanical	Current Repair	Future Rep	lacement	М	aintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating								
Energy Source								
Natural Gas	100%	2058	* *	1				
Conversion Equipment								
Furnace	50%	2037	* *	1	\$4,900			
	Other Observation, Extent : Light, Area Affected : 70%							
	Location: 2 Are On Lower Roof, One Is On Higher Roof							
	Explanation: 3 Package Units.	_	-					
Hot Water Boiler	50%	2045	* *	1	\$4,900			
	Other Observation, Extent: Light, Area Affected: 30%							
	Location : Basement Boiler Room							
	Explanation: 2 Gas Fired Condensing Boilers							

Maintenance \$ are aggregated over a 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 Rep	air Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Distribution	5 00/	2040			\$7 00	
Hot Wtr Piping/Pump	50%	2048	* *	4	\$700	
No Component	50%					
Terminal Devices	500/	20.45	* *	1	#2.200	
Convector/Radiator	50%	2045	* *	1	\$3,200	
No Component	50%					
Air Conditioning						
Energy Source Electricity	100%	2054	* *	1		
Conversion Equipment	10070	2034		1		
Ext Pkg Unit -	95%	2037	* *	2	\$1,200	
Heating/Cooling	9370	2037		2	\$1,200	
ricating/Coomig	Other Observation, Exte	nt : Light. Area Affected	: 100%			
		wer Roof, One Is On Hig				
	Explanation: 3 Packas		,			
Split Unit	5%	2037	* *			
Split Ollit	Other Observation, Exte		. 10%			
	Location: Roof	m . Bigm, mea myeetea	. 10/0			
	Explanation: 2 Units,	R-410a				
Terminal Devices	Emplimitation: 2 chills,	11 /1 000				
Fan Coil - 2 Pipe	10%	2037	* *	1	\$600	
No Component	90%				4000	
Heat Rejection						
Air Cooled Condenser Unit	100%	2037	* *	2	\$13,900	
om.	Other Observation, Exte Location : Higher Roof		: 100%			
	Explanation: 3 Units					
Ventilation						_
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$11,100	
Exhaust Fans					*	
Roof	100%	2037	* *	2	\$600	
Plumbing						
H/C Water Piping	1000/	20.50				
Brass/Copper	100%	2058	* *	1		
Water Heater With Tanks	1000/	2020	#22 400	4		
Electric	100%	2030	\$23,400	4		
	Other Observation, Exte Location: Basement	nt : Lignt, Area Ajjectea	: 100%			
		Callon Unit				
Souitour Diri-	Explanation : One 80 (sauon Unii				
Sanitary Piping	1000/	I IDD	* *	1		
Cast Iron	100%	LIFE	-1- W	1		
Storm Drain Piping	1000/	ı irr	* *	1		
Cast Iron	100%	LIFE	-1- W	1		
Sewage Ejector(s) Electric	100%	2037	* *	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 #: 14461

Mechanical	Current Repair	Current Repair Future Replace		nent Maintenance		
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estim FY		Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Backflow Preventer						
Generic	100%	2040	* *	1	\$1,200	
Fixtures						
Generic	100%					
Vertical Transport Elevators						
Hydraulic	100%	LIFE	* *			
•	Other Observation, Extent : L	ight, Area Affected : 100%	•			
	Location: Basement To 2nd	Floor				
	Explanation: 1 Unit					
Fire Suppression Sprinkler						
Generic	100%	2058	* *	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.

Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 15-Jun-2021 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 7405 Lot : 920 BIN : 3202630

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$282,700	
Mechanical		\$315,500
Total	\$282,700	\$315,500
Importance Code A	\$282,700	
Importance Code B		\$315,500
Total	\$282,700	\$315,500

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				\$5,700
Interior Architecture	\$9,400	\$3,800	\$200	
Electrical	\$400	\$400	\$400	\$13,900
Mechanical	\$3,100	\$1,000	\$4,200	\$700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$16,900	\$9,200	\$8,800	\$24,300
Importance Code A	\$700	\$700	\$700	\$6,500
Importance Code B	\$14,300	\$8,400	\$7,800	\$17,800
Importance Code C	\$1,900		\$200	
Total	\$16,900	\$9,200	\$8,800	\$24,300



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 KINGS BAY BRANCH LIBRARY

Asset #: 13254

Architecture		Current F	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									
Glass Block	5%			LIFE	* *	5	\$700		
Masonry: Brick	90%			LIFE	* *	5	\$21,000		
Masonry: Granite	5%			LIFE	* *	5	\$900		
Windows							·		
Aluminum	100%			2048	* *	5	\$800		
Parapets							•		
Masonry: Brick	40%			LIFE	* *	5	\$1,000		
Metal Panel	10%			2042	* *	5	\$1,000		
No Component	50%								
Roof									
Modified Bitumen	80%	Now	\$226,200	2042	* *				
	Blisters, Ex	xtent : Moa	lerate, Area Affecte	ed: 40%					
	Location	: Through	out						
	Patching E	Evident, Ext	tent : Severe, Area	Affected	: 25%				
	Location	: Through	out						
	Ponding, E	Extent : Sev	ere, Area Affected	: 5%					
	Location	: Main Roc	pf						
	Worn/Erod	led, Extent	: Severe, Area Affe	cted : 30	0%				
	Location	: Main Roc	pf						
Modified Bitumen	20%			2027	\$56,500	10	\$5,200		
Soffits							•		
Exposed Struc: Steel	100%			LIFE	* *	5			
Interior									
Floors									
Ceramic Tile	5%	0-2	\$1,300	2041	* *	5	\$600		
			Extent: Moderate	, Area A <u>j</u>	fected : 2%				
	Location	: 1st Floor	· Toilet Room						
Quarry Tile	5%			2045	* *	5	\$1,700		
Terrazzo	5%			LIFE	* *	5	\$900		
Vinyl Tile	85%			2037	* *	3	\$7,100		
Interior Walls									
Cast in Place Concrete	5%			LIFE	* *				
Ceramic Tile	5%			2041	* *	5	\$400		
Gypsum Board	90%	4+	\$1,900	LIFE	* *	5	\$4,100		
-	Cracking/C	Crumbling,	Extent: Moderate	, Area A <u>j</u>	fected : 5%				
	Location	: Lower Le	evel Library Area V	Vater Da	maged Wall				
Ceilings									
AcousTile,Adhered	5%			2045	* *	5	\$1,100		
AcousTileSusp.Lay-In	85%	Now	\$6,300	2045	* *	5	\$9,500		
1	Staining/D	iscoloring,	Extent : Moderate	, Area Aj	ffected : 5%		,		
	Location	: Lower Le	evel Library Area						
			xtent : Moderate, A	rea Affec	cted : 5%				
			evel Library Area	50					
Gypsum Board	10%		·	LIFE	* *	5	\$2,800		
Site Englosure	1070			<u> </u>			Ψ2,000		

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 #: 13254

Architecture	Current Rep	ent Repair Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority
Site Enclosure					
Fence/Gates					
Chain Link	75%	2042	* *		
Iron Picket	25%	2067	* *		
Free Standing Walls					
Masonry: Brick	100%	2052	* *		
Retaining Walls					
Cast in Place Concrete	100%	2067	* *		
Site Pavements					
Public Sidewalk					
Cast in Place Concrete	100%	2045	* *		
	Cracking/Crumbling, Ex	tent : Light, Area Affecte	ed : 5%		
	Location: Throughout				
On-Site Walkways					
Cast in Place Concrete	100%	2045	* *		
Parking/Driveway					
Asphalt	100%	2041	* *		

ectrical	Current Repair	Future R	eplacement	M	aintenance	
stem Component Type	% of Fail Date Estim Total (Years)	nated Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priorit
der 600 Volts						
Service Equipment						
Fused Disc Sw	50%	2052	* *	5		
	Other Observation, Extent : Location : Electrical Room	1				
	Explanation: One 400 Am	pere Main Disconnect S	witch For Air C	Condition	!	
Fused Disc Sw	50%	2032	\$1,900	5		
	Other Observation, Extent : Location : Electrical Roon		00%			
	Explanation: One 400 Am	pere Main Disconnect S	witch For The I	Main Bui	lding	
Switchgear / Switchboard						
Molded Case Bkrs	100%	2052	* *	5	\$400	
Raceway						
Conduit	30%	2032	\$10,900	1		
Conduit	70%	2052	* *	1		
Panelboards						
Fused Disc Sw	5%	2048	* *	5		
Molded Case Bkrs	85%	2048	* *	5	\$300	
Molded Case Bkrs	10%	2031	\$2,000	5		
Wiring						
Thermoplastic	80%	2052	* *	1		
Thermoplastic	20%	2032	\$6,600	1		
Motor Controllers			<u> </u>			
Locally Mounted	100%	2045	* *	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 Repla	Replacement		Maintenance			
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$200			
Lighting								
Interior Lighting								
LED	100%	2037	* *					
Egress Lighting								
Emergency, Battery	50%	2037	* *	10	\$1,800			
Exit, Service	50%	2037	* *	1				
Exterior Lighting								
HID	20%	2037	* *	10				
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	10%	2037	* *	1	\$600			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Inside And Outside							
	Explanation : CCTV Surveill	lance Cameras						
Generic	10%	2037	* *	1	\$600			
	Other Observation, Extent : Li	ght, Area Affected : 100%	ó					
	Location : Hallways, Readin	g Area And Exit Doors						
	Explanation : Intrusion Alar	m And Motion Sensor						
Fire/Smoke Detection	_							
No Component	70%							
Generic, Analog	30%	2027	\$11,400	1-3	\$2,800			
, 8	Other Observation, Extent : Li	ght, Area Affected : 100%			. ,			
	Location: Basement							
	Explanation : Alarm Bell And	d Fire Alarm Panel						

Mechanical	Current Repair		Future Replacement		Maintenance		
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%	2042	* *	1			
Conversion Equipment							
Furnace	100%	2032	\$45,900	1	\$7,400		
	Other Observation, Extent : Light, Area	Affected	: 100%				
	Location: Roof						
	Explanation: 2 Package Units						
Air Conditioning							
Energy Source							
Electricity	100%	2048	* *	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 #: 13254

Mechanical	Current Repair	Future Re	placement	Maintenance				
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%	2032	\$247,800	2	\$900			
	R-22 Refrigerant, Extent : Light, Art Location : Roof	ea Affected : 100%	ó					
	Other Observation, Extent : Light, A Location : Roof Explanation : 2 Package Units	Other Observation, Extent : Light, Area Affected : 100% Location : Roof						
Heat Rejection	Explanation (2) werings of this							
Dry Cooler	100%	2032	\$67,700	2	\$10,400			
Ventilation Distribution								
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$8,300			
Exhaust Fans								
Roof	100%	2032	\$28,600	2	\$500			
Plumbing								
H/C Water Piping Brass/Copper	100%	2052	* *	1				
Water Heater With Tanks	10070	2032						
Electric	100%	2030	\$23,400	4				
Sanitary Piping								
Cast Iron	100%	LIFE	* *	1				
	Other Observation, Extent : Light, Area Affected : 3% Location : Court Yard							
	Explanation: According To The M. Connected To A Dry Well, Not To		linator, The D	rain In C	Court Yard Is			
Storm Drain Piping Cast Iron	100%	LIFE	* *	1				
Sewage Ejector(s) Electric	100% Other Observation, Extent: Light, A Location: Basement Mechanical I Explanation: 1 Unit		**	4	\$900			
Fixtures	-							
Generic	100%							
Vertical Transport Elevators Hydraulic	100% Other Observation, Extent : Light, A	**	**					
	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.

Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 16-Dec-2021 Landmark Status : NONE

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

Block : 6783 Lot : 68 BIN : 3182576

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$99,400	
Electrical		\$35,500
Mechanical		\$816,800
Total	\$99,400	\$852,300
Importance Code A	\$99,400	
Importance Code B		\$852,300
Total	\$99,400	\$852,300

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$67,400			
Interior Architecture	\$96,500		\$3,600	
Electrical	\$2,900	\$2,200	\$2,800	\$2,200
Mechanical	\$28,800	\$3,700	\$6,700	\$2,900
Site Enclosure	\$4,900			
Site Pavements	\$13,400			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$217,900	\$9,900	\$17,000	\$9,100
Importance Code A	\$68,600	\$1,200	\$1,200	\$1,200
Importance Code B	\$80,400	\$8,700	\$15,800	\$7,900
Importance Code C	\$68,900			
Total	\$217,900	\$9,900	\$17,000	\$9,100



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 #: 4206

Architecture	Current Repair		Future Replacement		Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
kterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	\$59,600	
Masonry: Limestone	2%			LIFE	* *	5	\$1,000	
Metal Panel	5%			2053	* *	5-10	\$11,400	
Window Wall	3%			2053	* *	5	\$3,700	
Windows	1000/			2040	* *	-	¢4.600	
Aluminum	100%			2049		5	\$4,600	
Parapets Masonry: Brick Cavity			\$31,600 rod, Extent : Moder out	LIFE ate, Area	* * Affected : 15%	5	\$3,200	
	Location Worn/Ero	: Through	: Moderate, Area A		5%			
Masonry: Limestone	_		\$1,500 ed, Extent : Light, A out	LIFE Irea Affec	* * cted : 5%	5	\$700	
Metal Panel	5%			2053	* *	5	\$800	
Roof Modified Bitumen	Blisters, E Location Drains Ind Location Water Pen	a : Through ad/Misposn a : Main Ro	, Extent : Moderato of And Penthouse F xtent : Moderate, A	e, Area Ą Roof				
Soffits Metal Panel	100%	Now	\$1,800	2053	* *	5	\$2,500	
	Water Pen		xtent : Light, Area		: 5%	J	Ψ2,500	
terior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$15,600	
Ceramic Tile	_		\$2,000 Extent : Light, Are m	2042 ea Affecte	* * ed : 2%	5	\$900	
Terrazzo	5%			LIFE	* *	5	\$2,800	
Vinyl Tile	80%			2038	* *	3	\$10,700	

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 #: 4206

Architecture	Current Repair Future Replacem			re Replacement	ent Maintenance			
System								
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Glass: Single Pane	5%			LIFE	* *	5	\$4,200	
Gypsum Board		Now	\$7,800	LIFE	**	5	\$6,800	
			nents, Extent : Seve	re, Area .	Affected: 15%			
			Machine Room	ag Affaat	ad · 20/			
		nscoioring, : Through	, Extent : Light, Are	га Ајјеси	ea : 270			
M		. Inrougn	Oui	LIEE	* *	10	¢1 100	
Masonry: Fieldstone Plaster	5% 50%	Now	\$33,900	LIFE LIFE	* *	10 5	\$1,100 \$8,400	
Plaster			\$33,900 Extent : Moderate			3	\$6,400	
	_	: Penthou		, 111 cu 11)	geerea : 2070			
SGFT/Glazed Masonry	20%			LIFE	* *	10	\$5,600	
Ceilings	20/0			PILE		10	φ3,000	
AcousTileSusp.Lay-In	45%	Now	\$13,200	2046	* *	5	\$8,000	
	_		ents, Extent : Ligh		ffected : 5%		40,000	
		: Basemen	_					
	Staining/L	Discoloring	Extent : Light, Are	ea Affect	ed : 5%			
	Location	: Through	out					
			xtent : Moderate, A	lrea Affe	cted : 5%			
	Location	: 2nd Floo	or					
Exposed Struc: Concrete				LIFE	* *	5-10	\$11,100	
Plaster	25%			LIFE	* *	5-10	\$15,300	
Wood	5%		\$2,000	LIFE	* *	5	\$15,600	
			xtent : Moderate, A	lrea Affe	cted : 5%			
o'. E. I	Location	: 2nd Floo	or Office					
Site Enclosure Fence/Gates								
Chain Link	85%	4+	\$4,600	2043	* *			
Cham Link			ents, Extent : Mod		ea Affected : 5%			
		-	d Side Yard	,	35			
	Corrosion	Rusting, E	xtent : Moderate, A	1rea Affe	cted : 20%			
	Location	: Rear And	d Side Yard					
	Impact Da	mage, Exte	ent : Light, Area Af	fected : 2	2%			
	Location	: Rear Yar	rd					
Iron Picket	15%	0-2	\$400	2068	* *			
	Corrosion	/Rusting, E	xtent : Light, Area	Affected	: 10%			
	Location	: Through	out					
Free Standing Walls								
Masonry: Brick	100%			2053	**			
			Extent : Moderate, 2	Area Affe	ected : 30%			
		: Side Yard						
Dataining Walls	Explana	non : Stain	ing, Particle Pollui	non				
Retaining Walls Cast in Place Concrete	100%			2077	* *			
Site Pavements	10070			2011				

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

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

Asset #: 4206

Architecture	Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2046	* *			
On-Site Walkways							
Cast in Place Concrete	100% Now	\$4,900	2046	* *			
	Misaligned/Bulging, Exte	ent : Moderate,	Area Aff	ected : 10%			
	Location: Rear And Sig	de Yard					
	Ponding, Extent: Moder	ate, Area Affect	ed : 10%	ó			
	Location : Side Exit						
Parking/Driveway							
Asphalt	100% Now	\$8,500	2042	* *			
	Cracking/Crumbling, Ext	tent : Moderate	, Area A <u>f</u>	fected : 10%			
	Location : Around Drai	ins					

Electrical	Curre	Current Repair		re Replacement	M		
System Component Type	% of Fail D Total (Year	ate Estimated Cost cs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2053	* *	5	\$100	
		n, Extent : N/A, Area A	ffected :	100%			
	Location : Elec						
	Explanation : M	lain Service Disconnec	t Switch	Rated At 1,200 Am	iperes.		
Switchgear / Switchboard							
Fused Disc Sw	100%		2053	* *	5	\$100	
Raceway					·		· · · · · · · · · · · · · · · · · · ·
Conduit	100%		2053	* *	1		
Panelboards							
Fused Disc Sw	5%		2049	* *	5		
Molded Case Bkrs	95%		2049	* *	5	\$600	
Wiring							
Thermoplastic	100%		2053	* *	1		
Motor Controllers							
Locally Mounted	50%		2046	* *	5	\$100	
Locally Mounted	50%		2031	\$35,500	5	\$100	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$700	
Lighting							
Interior Lighting							
LED	100%		2038	* *			
Egress Lighting							
Emergency, Battery	50%		2038	* *	10	\$2,900	
Exit, Service	50%		2038	* *	1	, j. v.	
Exterior Lighting							
LED	30%		2038	* *			
No Component	70%		_ 50 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 #: 4206

Electrical	Current Repair	Current Repair Future Replacement				
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm						
Security System						
Generic	100%	2038	* *	1	\$8,900	
	Other Observation, Extent: N/A, Ar	ea Affected : 100%				
	Location : Reading Areas And Out	tside Perimeter				
	Explanation: CCTV Surveillance	Cameras				
Fire/Smoke Detection						
Generic, Analog	100%	2038	* *	1-3	\$14,700	
,	Other Observation, Extent : N/A, Area Affected : 100%					
	Location : Throughout The Buildir	ng				
	Explanation : Manual Pull Station	ıs, Alarm Bells, Strobe	Lights, S	moke De	tectors, Horns	

Mechanical	Current Repair		re Replacement	M	aintenance			
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%	2053	* *	1				
Conversion Equipment								
Furnace	40%	2028	\$29,400	1	\$4,700			
	Other Observation, Extent: N/A, Area Location: Roof Explanation: 1 Rooftop Package Un		100%					
Hot Water Boiler	60%	2046	* *	1	\$7,100			
not water Boller	Other Observation, Extent: N/A, Area			1	\$7,100			
	Location: Basement Boiler Room	і Аујесіей .	10070					
B1 . 11	Explanation: 2 Units							
Distribution	(00/	2040	* *	4	¢1 100			
Hot Wtr Piping/Pump	60%	2049	7. 7.	4	\$1,100			
No Component	40%							
Terminal Devices	400/	2022	Φ177 700	1	Φ.ζ. 000			
Air Handler	40%	2033	\$177,700 * *	1	\$5,900			
Convector/Radiator	20%	2046	* *	1	\$1,500			
No Component	40%							
Air Conditioning								
Energy Source	1000/	2041	* *	1				
Electricity	100%	2041	7. 7.	1				
Conversion Equipment Reciprocating Compr/Chiller	60%	2028	\$209,000	1	\$6,600			
Comp. Cimio	R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : 2 Units. Roof							
Ext Pkg Unit - Heating/Cooling	40%	2028	\$158,600	2	\$600			
	R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : 1 Unit On Roof							

Maintenance \$ are aggregated over a 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			e 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	60%			2033	\$271,600	1			
Expansion									
No Component	40%	<u> </u>							
Heat Rejection	500 (• • • •		_	440.000		
Air Cooled Condenser	60%			2028	\$41,000	2	\$10,000		
Unit	40%								
No Component	40%	<u> </u>							
Ventilation Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$21,000		
Exhaust Fans	10070			LHE		2-3	Ψ21,000		
Interior	50%			2038	* *	2	\$400		
Roof	50%			2033	\$22,900	2	\$400		
Plumbing					,,- 30		4.20		
H/C Water Piping									
Brass/Copper	100%	0-2	\$6,100	2053	* *	1			
	Not in Ser	vice, Exten	t : Moderate, Area	Affected	: 5%				
	Location	n : In The C	Ceiling Of 2nd Floo	r					
Water Heater With Tanks									
Gas Fired	100%			2031	\$33,800	2			
			Extent : N/A, Area	Affected :	100%				
		n : Basemen							
	Explana	tion : One .	100 Gallon Unit						
Sanitary Piping	4000/		4.7. 000						
Cast Iron	100%		\$5,900	LIFE	**	1			
	_		Extent : Moderate,		ctea : 5%				
			Of Emergency Exi		20/				
			: Moderate, Area . nt Ceiling In Front						
Storm Drain Dining	Босино	i . Dusemer	u Cening In 1 10ml	oj Bievai					
Storm Drain Piping Cast Iron	100%	0-2	\$4,200	LIFE	* *	1			
Cast HOII			54,200 Extent : Moderate,			1			
		n : South Ex		117 Cu 1199 C	cica . 570				
				rsized Ca	using Water To Ba	ckup Wh	en It Rains		
Sewage Ejector(s)	T		G 7 . G 2 . M.C						
Electric	100%			2033	\$12,400	4	\$1,400		
Fixtures					. , . ,		. ,		
Generic	100%								
Vertical Transport									
Elevators									
Hydraulic	100%			LIFE	* *				
			Extent : N/A, Area	Affected :	100%				
	Location	n : Basemer	nt To 2nd Floor						

Fire Suppression

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 KINGS HIGHWAY BRANCH LIBRARY

Asset #: 4206

Mechanical	Curren	t Repair	Futui	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression Sprinkler							
No Component	70%						
Generic	30%		2053	* *	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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$219,600	\$111,600
Interior Architecture		\$358,700
Mechanical	\$493,400	
Site Pavements	\$60,500	\$143,100
Total	\$773,500	\$613,500
Importance Code A	\$219,600	\$111,600
Importance Code B	\$553,900	\$358,700
Importance Code C		\$143,100
Total	\$773,500	\$613,500

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$57,300	_		_
Interior Architecture	\$61,100			\$1,600
Electrical	\$101,300	\$600	\$600	\$48,000
Mechanical	\$84,800	\$2,200	\$4,500	\$2,200
Site Enclosure	\$4,300			
Site Pavements	\$14,300			
Total	\$323,000	\$2,800	\$5,100	\$51,700
Importance Code A	\$57,800	\$500	\$500	\$500
Importance Code B	\$240,700	\$2,300	\$4,600	\$51,200
Importance Code C	\$24,500			
Total	\$323,000	\$2,800	\$5,100	\$51,700



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 #: 13255

rchitecture	Current Repair	Future Replacement	Ma	aintenance	
stem Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
terior					
Exterior Walls					
Cast Stone/Terra Cotta	5% 4+ \$16,3 Cracking/Crumbling, Extent : Mod Location : Throughout		5	\$8,100	
Masonry: Brick	85% 4+ \$143,3 Joint Mortar Miss/Erod, Extent : M. Location : Throughout		5	\$17,600	
Masonry: Limestone	5% 0-2 \$16,1 Cracking/Crumbling, Extent: Mod Location: Building Base		5	\$800	
Stucco Cement	5% Now \$5,8 Cracking/Crumbling, Extent : Mod Location : Basement Level Areaw	erate, Area Affected : 20%	5	\$1,300	
Windows					
	Ctrwt/Balnc Not Funct, Extent: Ma Location: Throughout Deteriorated Finish, Extent: Mode Location: Throughout Other Observation, Extent: Moder Location: Throughout Explanation: Thermally Inefficie	rate, Area Affected : 50% ate, Area Affected : 100% nt		01.100	
Steel	10% Now \$8,0 Corrosion/Rusting, Extent: Moder Location: Basement Thermally Inefficient, Extent: Mod Location: Basement Unit Inoperable, Extent: Moderate Location: Basement	ate, Area Affected : 50%	5	\$1,100	
Parapets					
Masonry: Brick Masonry: Limestone	80% 15% Now \$1,0 Caulking Deteriorated, Extent: Mo Location: Over Main Entry		5 5	\$900 \$200	
Metal Rail	5%	2034 **	5-10	\$1,000	
Roof	.		. 10	Ψ1,000	
Modified Bitumen Slate	60% 40% 0-2 \$9,5 Gut/DS Non Func/Miss, Extent: M Location: Throughout		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	Futu	re Replacement	М	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 Ceramic Tile		-	\$2,200 ments, Extent : Mode	LIFE 2032 erate, Ar	* * \$43,100 rea Affected : 10%	5 5	\$3,400 \$400	
7.7' 1.00'1		: Through		2020	#250 7 00		Ø4.000	
Vinyl Tile	Loose Uni Location Worn/Eroo	: Basemei	: Moderate, Area A			3	\$4,900	
Interior Walls			•					
Ceramic Tile Concrete Masonry Unit Masonry: Brick	5% 10% 10% Water Pen	4+ etration, E	\$5,500 Extent : Moderate, A	2038 LIFE LIFE rea Affe	* * * * * * cted : 5%	5 5	\$700 \$600	
	Location	: Basemer	nt					
Plaster Plaster			\$400 t : Moderate, Area A	LIFE LIFE Affected	* * * *	5 5	\$3,100 \$200	
	Location	: Meeting	Room					
Ceilings AcousTileConcealSpLn	Location Loose/Del Location Staining/L	: Meeting am Surface : First Flo	e, Extent : Moderate oor, Basement r, Extent : Moderate	e, Area A	Affected : 20%	5	\$6,700	
Exposed Struc: Concrete				LIFE	* *	5	\$200	
Plaster	20%			LIFE	* *	5	\$1,900	
Site Enclosure Fence/Gates Iron Picket	100%			2064	* *			
Free Standing Walls Masonry: Brick	Broken/Ma Location Cracking/ Location Misaligne	: At Entra Crumbling : At Entra	, Extent : Moderate ince Extent : Moderate,	, Area A	ffected : 30%			
Site Pavements								
Public Sidewalk Cast in Place Concrete	Cracking/	Now Crumbling : Leonard	\$60,500 , Extent : Moderate ! Street	2042 , 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	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	100%			2034	* *			
Parking/Driveway								
Asphalt	100%	0-2	\$14,300	2032	\$143,100			
	Cracking/0	Crumbling,	Extent: Moderate	, Area Aj	ffected : 20%			
	Location	: Drivewa	y Entry Point					
	Other Obs	ervation, E	xtent : Moderate, A	lrea Affe	cted : 50%			
	Location	: Through	out					
	Explanat	ion : Worn	Surface					

Electrical		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
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2029	\$3,700	5		
			Extent : Light, Area	Affected	: 100%			
		i : Electrico						
	Explana	tion : One	400 Ampere Main I	Disonnec	t Switch			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	\$43,000	5	\$300	
Raceway								
Conduit	100%			2029	\$36,500	1		
Panelboards								
Fused Disc Sw	5%			2028	\$1,000	5		
Molded Case Bkrs	95%			2028	\$18,800	5	\$300	
Wiring								
Braided Cloth	90%	2-4	\$29,700	2054	* *	1		
	Insulation	Aged, Exte	ent : Moderate, Are	a Affecte	d: 100%			
	Location	ı : Through	out The Building					
Thermoplastic	10%			2029	\$3,300	1		
Motor Controllers								
Locally Mounted	100%			2027	\$47,300	5	\$100	
round								
Grounding Devices								
Generic	100%	2-4	\$10,300	LIFE	* *	5	\$200	
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	ı : Main Wa	iter Pipe					
	Explana	tion : Corre	oded					
ighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	\$9,800	
	T-8 Lamps	s And Fixtu	res, Extent : Light,	Area Aff	ected : 100%			
	Location	i : 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 Repair	Future Re	placement	M				
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Esti FY	mated 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	\$49,400	10				
Alarm								
Security System								
Generic	100%	2034	* *	1	\$4,000			
	Other Observation, Extent:	Light, Area Affected : 100	0%					
	Location: Throughout The Building							
	Explanation : CCTV Surve	illance Cameras, Intrusio	n Alarm And I	Motion S	Sensor			
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%	2034	* *	1-3	\$2,000			

Mechanical	Cui	rent Repair	Futu	re Replacement	M		
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2039	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2046	* *	1	\$5,300	
	Location: Ba	tion, Extent : Light, Area sement Boiler Room	Affected	: 100%			
	Explanation:	1 Unit					
Distribution							
Hot Wtr Piping/Pump	100%		2028	\$23,200	4	\$800	
Terminal Devices							
Air Handler	40%		2024	\$79,700	1	\$2,600	
Convector/Radiator	60%		2027	\$52,000	1	\$2,100	
Air Conditioning							
Energy Source							
Electricity	100%		2037	* *	1		
Conversion Equipment							
Reciprocating	100%		2024	\$156,200	1	\$5,000	
Compr/Chiller							
	R-22 Refrigera	nt, Extent : Light, Area A	Iffected :	100%			
	Location: 2 U	Inits. Basement					
Terminal Devices							
Air Handler/Cool/Ht	100%		2024	\$205,500	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 l	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
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	100%	0-2	\$18,400	2039	* *	2	\$6,000	
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Roof						
	Explanat	ion : 2 Ext	ended Life Time Ur	iits				
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,000	
Exhaust Fans								
Interior	100%			2024	\$47,000	2	\$300	
Plumbing								
H/C Water Piping	1000/			2020	* *			
Brass/Copper	100%			2039	* *	1		
Water Heater With Tanks	1000/			2024	#16000	2		
Gas Fired	100%			2024	\$16,900	2		
Sanitary Piping	1000/			LIDE	* *	1		
Cast Iron	100%			LIFE	* *	1		
Fixtures	1000/							
Generic	100%							
Vertical Transport								
Elevators	1000/			LIEE	* *			
Hydraulic	100%	omination T	Entant Light 4	LIFE				
			Extent : Light, Area nt To 1st Floor	Ајјестеа	. 100%			
	Expianat	10n : 1 Net	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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 16-Oct-2020 Landmark Status : NONE

Areas Surveyed : Basement, Floors 1

Block : 1665 Lot : 1 BIN : 3046408

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$260,100	\$51,500
Mechanical		\$231,000
Total	\$260,100	\$282,500
Importance Code A	\$260,100	\$51,500
Importance Code B		\$231,000
Total	\$260,100	\$282,500

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$76,100			
Interior Architecture	\$110,400	\$4,700	\$600	\$6,800
Electrical	\$400	\$400	\$400	\$4,000
Mechanical	\$13,400	\$1,400	\$3,000	\$900
Site Enclosure	\$9,900			
Site Pavements	\$8,700			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$222,900	\$10,500	\$7,900	\$15,700
Importance Code A	\$76,700	\$600	\$600	\$700
Importance Code B	\$71,000	\$9,800	\$6,700	\$15,000
Importance Code C	\$75,200		\$600	
Total	\$222,900	\$10,500	\$7,900	\$15,700



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 #: 13256

Architecture	Current Repair	Future Replacement	Ma		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
xterior					
Exterior Walls					
Masonry: Brick	85% Now \$86,600	LIFE **	5	\$10,600	
	Painted Surfaces, Extent: Moderate, Ar	ea Affected : 60%			
	Location : East Facade, Back Facade				
	Water Penetration, Extent: Moderate, A	Irea Affected : 30%			
	Location: South And East Facade				
Masonry: Limestone	15% Now \$109,600	LIFE **	5	\$1,400	
	Joint Mortar Miss/Erod, Extent: Moder	**			
	Location: Cornice North, South And				
	Staining/Discoloring, Extent: Moderate Location: Cornice	e, Area Affectea : 60%			
Windows	Location . Cornice				
Wood	100% 0-2 \$27,200	2048 **	5	\$17,100	
wood	Deteriorated Finish, Extent: Light, Area		3	\$17,100	
	Location: Throughout	u 11,10010u . 5070			
Parapets	Ü				
Masonry: Brick	45% Now \$43,500	LIFE **	5	\$1,700	
•	Cracking/Crumbling, Extent : Moderate	e, Area Affected : 5%			
	Location : Throughout				
	Spalling, Extent : Moderate, Area Affect	'ed : 20%			
	Location : Throughout				
	Worn/Eroded, Extent : Moderate, Area A	Affected : 25%			
	Location : Throughout				
Masonry: Limestone	45% Now \$63,900	LIFE **	5	\$2,200	
	Staining/Discoloring, Extent: Moderate	e, Area Affected : 50%			
	Location: Throughout	. 1 100/			
	Worn/Eroded, Extent: Light, Area Affec	ted : 10%			
57	Location: Throughout				
Not Accessible	5%	Affantad , 00/			
	Other Observation, Extent: N/A, Area A Location:	ijjeciea : 0%			
	Explanation: Rain Not Accessible				
Not Accessible	5%				
not Accessible	3% Other Observation, Extent : N/A, Area A	Iffected · 0%			
	Location:	yjecieu . 070			
	Explanation: Rain Not Accessible				

Maintenance \$ are aggregated over a 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 Replaceme	ent N	laintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated (FY	Cost Cycle (Yrs)	Estimated Cost	Priority
Exterior Roof					
Modified Bitumen	25% Other Observation, Extent: N/A, A Location: Rain Not Accessible Explanation: Rain Not Accessib	Area Affected : 1%	500 10	\$4,800	
Not Accessible	70% Other Observation, Extent: N/A, A Location: Explanation: Rain Not Accessib	Area Affected : 0%			
Not Accessible	5% Other Observation, Extent: N/A, A Location: Explanation: Rain Not Accessib		ge At Ceiling	From Inside	
Soffits Masonry: Limestone	70% 0-2 \$5, Recent Repair Evident, Extent : No Location : Plaster Ceiling		** 5	\$300	
	Water Penetration, Extent: Light, Location: Entrance	Area Affected : 25%			
Not Accessible	30% Other Observation, Extent: N/A, A Location: Explanation: Rain Not Accessib				
nterior					
Floors	50/	LIDE	** 5	#1 000	
Cast in Place Concrete	5%	LIFE	3	\$1,800	
Mosaic Tile	5%	2045	3	\$2,100	
Panel/Paver: Cer/Brk	5%	2040	3	\$1,900	
Sheet Vinyl/Rubber	55% 30%	2037 2037	** 5 ** 3	\$13,600 \$1,900	
Vinyl Tile Interior Walls	3070	2037	3	\$1,900	
Ceramic Tile	5%	2041	** 5	\$1,100	
Gypsum Board	30% Now \$4,		** 5	\$4,000	
Gypsuiii Board	Paint Peeling, Extent: Moderate, Location: South And East Walls Water Penetration, Extent: Moder Location: South And East Walls	Area Affected : 30% Water Damage ate, Area Affected : 30%	3	\$4,000	
Plaster	50% 0-2 \$26,5 Staining/Discoloring, Extent: Mod Location: Stairway, Heritage Co	derate, Area Affected : 30%	** 5	\$3,300	
Wood	15% 0-2 \$35, Deteriorated Finish, Extent: Mod Location: Throughout		** 5	\$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 #: 13256

Architecture	Current	Repair	epair Future Repla		М	Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings	2.50/		• • • •	di di	_		
AcousTileSusp.Lay-In	25%	411.500	2045	* *	5	\$4,100	
Gypsum Board	10% Now	\$11,500	LIFE	**	5	\$2,100	
	Cracking/Crumbling		e, Area Af	fected: 30%			
	Location: Main Fi	-	1 <i>6</i> 6	-4-1.200/			
	Water Penetration, E Location : Main Fi		ігеа Ајјес	rtea : 30%			
			1664	1.000/			
	Other Observation, I			1:80%			
	Location : All Air			ATI 4: T7 . 4.	C :1:		
DI.	Explanation : Obse			g All Air Vents At		Φ. 700	
Plaster	65% Now	\$32,400	LIFE		5	\$6,700	
	Paint Peeling, Exten		Affected :	30%			
	Location: Main Co	O .	1.00	. 1 200/			
	Water Penetration, E			eted: 30%			
at P. I	Location : Main Fi	oor Celling Crown	Molaing				
Site Enclosure							
Fence/Gates Chain Link	40%		2052	* *			
Chain Link	0ther Observation, I	Extant : Modarata					
	Location : Rear Fe		чтей Ајје	ciea . 6070			
	Explanation: Vege						
I D' 1 .			2052	* *			
Iron Picket	60% 0-2	\$8,700	2052				
	Deteriorated Finish, Location: Front A		Area Ajj	ectea : 50%			
D	Location ; Front A.	na siae iron r ence					
Retaining Walls	1000/ 1	#1 200	2052	* *			
Cast in Place Concrete	100% Now	\$1,300	2052				
	Cracking/Crumbling Location : Rear Of		rea Ajjeci	iea : 270			
	Spalling, Extent: Me	-	ad : 100/				
	Location : Rear Re	**	ea . 40%				
Site Pavements	Locuiton , Rear Re	iumng mun					
Public Sidewalk							
Cast in Place Concrete	100%		2045	* *			
On-Site Walkways	100/0		2043				
Cast in Place Concrete	100%		2049	* *			
Activity Yard	10070		2079				
Cast in Place Concrete	100% 0-2	\$8,700	2045	* *			
Cast III I face Concrete	Cracking/Crumbling			ed · 20%			
	Location : Rear Ya		a rijjecie	. 20/0			
	Loculton . Hour Iu						

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

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

Electrical	Current Repair	Future Replacement		Current Repair Future Replacement		Current Repair Future Replacement Mainter			aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Under 600 Volts Service Equipment Air Circuit Breaker	100% Other Observation, Extent : Light, Area Location : Electrical Room Explanation : One 800 Ampere Main			5	\$100					
Switchgear / Switchboard Air Circuit Breaker	100%	2052	* *	5	\$100					
Raceway Conduit	100%	2052	* *	1						
Panelboards Fused Disc Sw Molded Case Bkrs	5% 95%	2048 2048	* *	5 5	\$300					
Wiring Thermoplastic	100%	2052	* *	1						
Motor Controllers Locally Mounted	100%	2045	* *	5	\$100					
Ground Grounding Devices Generic	100%	LIFE	* *	5	\$200					
Lighting Interior Lighting Fluorescent	25% Other Observation, Extent : Light, Area Location : Throughout The Building Explanation : T-8 Lamps	2037 a Affected : 1	**	10	\$3,000					
Fluorescent	5% Compact Fluorescent Light, Extent : Li Location : Hallway Basement	2037 ight, Area Aff	* * Pected : 100%	10	\$600					
LED	70%	2037	* *							
Egress Lighting Emergency, Battery Exit, LED	50% 50%	2032 2047	\$10,800 * *	10 1	\$1,600					
Exterior Lighting LED No Component	20% 80%	2037	* *							
Alarm Security System No Component Generic	70% 15% Other Observation, Extent : Moderate, Location : 2 Exterior Cameras And 4 Explanation : Cameras Security Syste	Interior Can		1	\$700					
Generic	15% Other Observation, Extent: Moderate, Location: Thoughout The Building Explanation: Intrusion System	2032 Area Affected	\$3,600 d : 100%	1	\$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 #: 13256

Electrical	Current	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm							
Fire/Smoke Detection							
No Component	70%						
Generic, Digital	30%		2032	\$9,900	1-3	\$2,400	

Mechanical		Current R	epair	Future Replacement		ent Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	40%			2032	\$16,000	1	\$2,600	
Hot Water Boiler	60%			2045	* *	1	\$3,800	
	_		nt, Extent : N/A, A			D		
	Location	: Recently	Installed Tow Mod	lulated C	'aravan Hot Water	Boilers.		
Distribution								
Hot Wtr Piping/Pump	60%			2040	* *	4	\$600	
No Component	40%							
Terminal Devices								
Convector/Radiator	60%			2045	* *	1	\$2,500	
No Component	40%							
Air Conditioning								
Energy Source	4000/			• • • • •				
Electricity	100%			2048	* *	1		
Conversion Equipment							*	
Ext Pkg Unit -	50%			2032	\$107,900	2	\$400	
Heating/Cooling	0.1 01			100 . 1	500/			
	Location		xtent : Light, Area	Affected	: 30%			
	Explanat	ion : Roofte	pp Package Units I	Providing	g Heating, Cooling	s 1st Floo	or Only	
Split Unit	50%			2037	* *			
•	R-22 Refrig	gerant, Exte	ent : Light, Area A	ffected :	100%			
	Location	: 4 Units, E	Basement					
Terminal Devices								
Air Handler/Dir	50%			2032	\$123,100	1		
Expansion								
No Component	50%							
Heat Rejection								
Air Cooled Condenser	50%			2032	\$18,600	2	\$4,500	
Unit								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	\$11,300	LIFE	* *	2-5	\$7,200	
		_	ıt : Severe, Area A					
	Location	: Main Flo	or, Mold And Mila	lew Buila	l Up Around All 1s	t Floor L	Diffusers	

Maintenance \$ are aggregated over a 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 R	Current Repair		e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Exhaust Fans							
Interior	50%		2032	\$28,500	2	\$200	
Roof	50%		2032	\$12,500	2	\$200	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2052	* *	1		
Water Heater With Tanks							
Gas Fired	100%		2030	\$16,900	2		
	Recent Installation, E.						
	Location : Basemen	t, A.O. Smith Prom	ax Plus .	High Recovery Ho	t Water		
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2025	\$400	4	\$400	
Backflow Preventer							
No Component	75%						
Generic	25%		2040	* *	1	\$200	
	Other Observation, E.	-	Affected	: 25%			
	Location: Basemen						
	Explanation: Backf	low Preventor For	Boiler C	Only			
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
	Other Observation, E.	0	00				
	Location: Basemen		Mezzani	ine			
	Explanation: One U	Init					

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

Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 21-May-2021 Landmark Status : NONE

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

Block : 5518 Lot : 4 BIN : 3132091

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$466,900	
Mechanical		\$326,900
Total	\$466,900	\$326,900
Importance Code A	\$466,900	
Importance Code B		\$326,900
Total	\$466,900	\$326,900

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$47,800			
Interior Architecture	\$900	\$19,800	\$300	
Electrical	\$1,600	\$2,000	\$1,600	\$20,500
Mechanical	\$19,100	\$1,300	\$3,200	\$1,300
Site Enclosure	\$2,100			
Site Pavements	\$41,300			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$116,700	\$27,100	\$9,000	\$25,800
Importance Code A	\$48,800	\$1,000	\$1,000	\$1,000
Importance Code B	\$65,800	\$26,100	\$7,800	\$24,700
Importance Code C	\$2,100		\$300	
Total	\$116,700	\$27,100	\$9,000	\$25,800



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 #: 13257

rchitecture	Cui	Current Repair		Future Replacement		Maintenance				
stem Component Type		Date E ars)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
terior										
Exterior Walls										
Masonry: Brick	Location : Bu	ks, Exten lkhead S iss/Erod	l, Extent : Moder			5	\$21,400			
	Loose Units, 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: Bu	lkhead								
Masonry: Limestone			l, Extent : Light, . unce And Windov		* * ected : 5%	5	\$1,800			
Windows										
Aluminum	Location : Th Deteriorated F	Present, I roughou inish, Ex	tent : Light, Ared			5	\$1,700			
	Location : Th Weather Strip M Location : Th	Iissing,	Extent : Modera	te, Area 2	Affected : 5%					
Metal Louvers	10%			2041	* *	10	\$2,400			
Parapets							•			
Masonry: Brick	Location : Va. Other Observat Location : Th	ion, Exte rious Lo ion, Exte roughou	\$145,000 ent : Severe, Area cations Through ent : Severe, Area t d In Black Tarp T	out a Affecte	d : 100%	5	\$3,900			
Masonry: Limestone	Location : Co Water Penetrat Location : Th Other Observat Location : Th	iss/Erod ping At ion, Exte roughou ion, Exte roughou	ent : Severe, Area t ent : Severe, Area	Affected	1:30% d:100%	5	\$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 #: 13257

Architecture	Current Repair		Futur	e Replacement				
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Co	ct Cycle (Yrs		Priority
exterior								
Roof	1000/		#22.4 < 0.0	20.42				
Modified Bitumen	100%		\$234,600	2042	*	ጥ		
			lerate, Area Affecto	d: 30%				
	Location:	0		1.00	. 1 250/			
			tent : Moderate, Ai	еа Ајјес	tea : 25%			
	Location:	_		100/				
	Location :	-	ht, Area Affected :	1070				
		_	nu ctent : Moderate, A	mag Affai	atad · 50/			
			neni . Moderdie, A n Into 2nd Floor (ks		
Soffits								
Metal Panel	100%			2052	*	* 5-10		
nterior								
Floors								
Cast in Place Concrete	15%			LIFE	*	* 5	\$11,400	
Ceramic Tile	3%			2035	*	* 5	\$1,000	
Terrazzo	3%			LIFE	*	* 5	\$800	
Vinyl Tile	78%			2037	*	* 3	\$10,100	
Wood	1%			2060	*	* 5	\$700	
Interior Walls								
Ceramic Tile	3%			2041	*	* 5	\$600	
Concrete Masonry Unit	25%			LIFE	*	* 5	\$2,000	
Glass: Single Pane	2%			LIFE	*	* 5	\$300	
Gypsum Board	50%			LIFE	*	3	\$5,900	
Plaster	15%			LIFE	*	3	\$900	
SGFT/Glazed Masonry	5%			LIFE	*	*		
Ceilings								
AcousTileSusp.Lay-In	90%			2045	*	5	\$31,200	
Exposed Struc: Concrete				LIFE	*	3	\$400	
Gypsum Board		Now	\$900	LIFE	*	* 5	\$1,300	
	Water Pener Location :		ctent : Moderate, A r Beams	rea Affeo	cted : 10%			
ite Enclosure								
Fence/Gates						d.		
Iron Picket	100%	2-4	\$2,100	2067	*	*		
	Location :	_	xtent : Light, Area out	Affected	: 10%			
		d Finish, I	Extent : Moderate,	Area Aff	fected : 10%			
Free Standing Walls								
Masonry: Brick	90%			2052	*	*		
	Joint Morta Location :		od, Extent : Light, out	Area Aff	ected : 5%			
Masonry: Fieldstone	10%			2052	*	*		
,		r Miss/Ere	od, Extent : Light,		ected : 5%			
	Location:		_					

Maintenance \$ are aggregated over a 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	М	aintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
ite Enclosure									
Retaining Walls									
Cast in Place Concrete	100%		2067	* *					
ite Pavements									
Public Sidewalk									
Cast in Place Concrete	100% Now	\$41,300	2037	* *					
	Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
	Location : Throughout								
	Cracking/Crumbling, Extent: Moderate, Area Affected: 5%								
	Location : Through	out							
	Tripping Hazard, Extent : Severe, Area Affected : 20%								
	Location: Through	out							
On-Site Walkways									
Cast in Place Concrete	100%		2049	* *					
Parking/Driveway									
Asphalt	100%		2041	* *					

Electrical	Current Repair	Future	Replacement	M	aintenance		
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts		•					
Service Equipment							
Fused Disc Sw	100%	2032	\$3,700	5	\$100		
	Other Observation, Extent : N	/A, Area Affected :	100%				
	Location : Electrical Room						
	Explanation: Main Service	Disconnect Switch	Rated At 800 Ampe	eres.			
Switchgear / Switchboard							
Fused Disc Sw	40%	2032	\$17,200	5			
Molded Case Bkrs	60%	2032	\$25,800	5	\$300		
Raceway							
Conduit	70%	2032	\$25,500	1			
Conduit	30%	2052	* *	1			
Panelboards							
Fused Disc Sw	5%	2031	\$1,000	5			
Molded Case Bkrs	30%	2031	\$5,900	5	\$200		
Molded Case Bkrs	65%	2048	* *	5	\$300		
Wiring							
Thermoplastic	30%	2032	\$9,900	1			
Thermoplastic	70%	2052	* *	1			
Motor Controllers							
Locally Mounted	100%	2030	\$47,300	5	\$100		
Ground							
Grounding Devices							
Not Accessible	100%						
Lighting							

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 #: 13257

Electrical	Current Repair Future Replacement Maintenance	Future Replacement Maintenance		aintenance					
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Lighting									
Interior Lighting	2-21				*				
Fluorescent	85%	2037	**	10	\$15,500				
	Other Observation, Extent: N/A, Ar		100%						
	Location: Throughout The Buildin	ıgs							
	Explanation: T-8 Lamps								
Fluorescent	5%	2037	**	10	\$900				
	Other Observation, Extent: N/A, Area Affected: 100%								
	Location: 1st Floor, 2nd Floor								
	Explanation : Compact Fluorescen								
LED	10%	2040	* *						
Egress Lighting									
Emergency, Battery	50%	2037	* *	10	\$2,400				
Exit, LED	45%	2060	* *	1					
Exit, Service	5%	2037	* *	1					
Exterior Lighting	• • • • • • • • • • • • • • • • • • • •		* *						
LED	30%	2037	* *						
No Component	70%								
Alarm									
Security System	400/								
No Component	40%	2027	* *	1	¢4.400				
Generic	60%	2037		1	\$4,400				
	Other Observation, Extent: N/A, Ar Location: Reading Areas	ea Ajjeciea :	100%						
	_	Camana							
Fire/Smoke Detection	Explanation : CCTV Surveillance	Cameras							
Generic, Analog	100%	2037	* *	1-3	\$12,200				
Generic, Analog	Other Observation, Extent: N/A, Ar			1-3	\$12,200				
	Location: Throughout The Buildin	00	100/0						
	Explanation: Strobe Lights, Manu	O .	ons Alarm Rolls S	moke De	tectors Horns				
	Explanation . Strove Lights, Manu	an I un siano	ms, Aturni Dells, S	токе Де	ieciors, mornis				

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			
leating									
Energy Source									
Natural Gas	100%	2042	* *	1					
Conversion Equipment									
Furnace	50%	2032	\$30,500	1	\$4,900				
	Other Observation, Extent : N/A, Area Affected : 100%								
	Location: Penthouse								
	Explanation: 2 Units								
Hot Water Boiler	50%	2049	* *	1	\$4,900				
	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 #: 13257

Mechanical	Cu	rrent Repair	Future	Replacement	Maintenance			
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Distribution								
Hot Wtr Piping/Pump	50%		2040	* *	4	\$700		
No Component	50%							
Terminal Devices	500 /		2045	* *		Ф2.200		
Convector/Radiator	50%		2045	* *	1	\$3,200		
No Component	50%							
Air Conditioning								
Energy Source Electricity	100%		2040	* *	1			
Conversion Equipment	10070		2040		1			
Interior Pkg Unit - Cooling	80%		2030	\$248,500	2	\$1,000		
Cooling		nt, Extent : Light, Area A Units In Penthouse	Iffected : I	100%				
No Component	20%							
Ventilation Distribution								
Ductwork/Diffusers	-	-2 \$17,300 stem, Extent : Moderate, d Floor Is Lack Of Air F			2-5	\$11,100		
Exhaust Fans								
Interior	90%		2032	\$78,400	2	\$500		
Roof	10%		2032	\$3,800	2	\$100		
Plumbing								
H/C Water Piping	1000/		2012	de de				
Brass/Copper	100%		2042	* *	1			
Water Heater With Tanks	1000/		2020	¢1.6.000	2			
Gas Fired	100%		2030	\$16,900	2			
Sanitary Piping Cast Iron	100%		LIFE	* *	1			
Storm Drain Piping	10070		LIFE		1			
Cast Iron	100%		LIFE	* *	1			
Fixtures	10070		LIIL		1			
Generic	100%							
Vertical Transport	10070							
Elevators								
Hydraulic	100%		LIFE	* *				
-	Other Observa	tion, Extent : N/A, Area A	Affected :	100%				
		sement 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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

Asset Name : MARCY BRANCH LIBRARY

Address : 617 DEKALB AVE. @NOSTRAND AVE.

Borough : BROOKLYN Agency's Number : 59

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

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

Areas Surveyed : Roof, Floors 1

Block : 1774 Lot : 81 BIN : 3049472

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$145,100	
Mechanical		\$87,400
Site Pavements		\$79,700
Total	\$145,100	\$167,100
Importance Code A	\$145,100	
Importance Code B		\$87,400
Importance Code C		\$79,700
Total	\$145,100	\$167,100

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$11,800	\$900	\$100	
Interior Architecture	\$16,000	\$6,300		\$100
Electrical	\$18,500	\$1,600	\$600	\$600
Mechanical	\$1,100	\$700	\$1,900	\$700
Site Enclosure	\$12,700			
Site Pavements	\$15,900			
Total	\$76,100	\$9,500	\$2,600	\$1,400
Importance Code A	\$12,100	\$1,300	\$400	\$300
Importance Code B	\$31,000	\$8,100	\$2,200	\$1,200
Importance Code C	\$33,000			
Total	\$76,100	\$9,500	\$2,600	\$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 #: 13258

Architecture		Current I	Repair	Future Replacement		Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Exterior										
Exterior Walls										
Cast in Place Concrete	Exposed R Location Spalling, I	: North Fo	derate, Area Affect		** Affected : 5%	5	\$8,300			
Masonry: Brick	85%	Now	\$57,300	LIFE	* *	5	\$14,000			
Masonly. Brok	Broken/M Location Diagonal Location Horizonta	issing Elem 1 : South Fa Cracks, Ex 1 : Southeas	nents, Extent': Ligh acade tent: Moderate, Ar st Corner axtent: Moderate, A	t, Area A <u>f</u> rea Affect	ed : 15%	3	\$11,000			
14.15		i : Souineas	si Corner	20.50	at. at.	7.10	Φ2.400			
Metal Panel	3%	0.0	#2 000	2050	* *	5-10	\$3,400			
Granite Panels	Cracking/	2% 0-2 \$2,000 LIFE ** 5 \$200 cking/Crumbling, Extent: Moderate, Area Affected: 10% ocation: South Facade								
Windows										
Aluminum	75%			2038	* *	5	\$500			
Aluminum	Location	ervation, E a : South Fa tion : Stain		2046 Affected	* * : 100%	5	\$200			
Roof										
Modified Bitumen	Blisters, E		\$87,900 derate, Area Affecto Locations Through		* *					
Soffits										
Exposed Struc: Steel	100%			LIFE	* *	5				
nterior										
Floors	50 /			LIPP	* *	-	Ф1 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	\$28,500	3	\$500			
Interior Walls	20/			2020	* *	-	#200			
Ceramic Tile	3%		#15.500	2039		5	\$300			
Concrete Masonry Unit	Location Vertical C	l Cracks, E 1 : I T Close	nt : Moderate, Ared			5	\$3,300			
Gunsum Doord	5%			LIEE	* *	5	\$300			
Gypsum Board	5%			LIFE		5	\$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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BROOKLYN PUBLIC LIBRARY - 038 MARCY BRANCH LIBRARY

Asset #: 13258

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	
nterior									
Ceilings									
AcousTileSusp.Lay-In	80%			2043	* *	5	\$8,300		
Exposed Struc: Concrete	e 5%			LIFE	* *	5	\$100		
Gypsum Board	15%			LIFE	* *	5	\$2,000		
Site Enclosure									
Fence/Gates									
Chain Link		Now	\$1,400	2040	* *				
	Broken/Missing Elements, Extent: Moderate, Area Affected: 20%								
		ı : West Pro							
	-	-	ent : Moderate, Are	a Affecte	ed : 10%				
	Location	ı : West Pro	perty Line						
Iron Picket	50%			2065	* *				
Retaining Walls									
Masonry: Brick	100%	Now	\$11,300	2040	* *				
			Extent : Moderate,	Area Afj	fected : 50%				
	Location: East Parking Lot								
	Other Observation, Extent : Moderate, Area Affected : 50%								
	Location: East Parking Lot								
	Explana	tion : Tree	Growing Adjacent	To Retair	ning Wall Causing	It To Bul	'ge		
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100%			2043	* *				
On-Site Walkways									
Cast in Place Concrete	100%	ı		2043	* *				
Parking/Driveway									
Asphalt		Now	\$15,900	2033	\$79,700				
	Cracking/Crumbling, Extent: Moderate, Area Affected: 50%								
	Location: East Parking Lot								
	Misaligned/Bulging, Extent: Moderate, Area Affected: 10%								
	Location	ı : East Par	king Lot						
	Potholes,	Extent : Mo	oderate, Area Affec	ted : 10%	6				
	Location	ı : East Par	king Lot						

Electrical	Current Repai	r Fut	ure Replacement	М	aintenance	
system Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY		Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2030	\$43,000	5	\$200	
	Other Observation, Extent	: Moderate, Area Aj	fected : 100%			
	Location : Electrical Roo	om .				
	Explanation: One 400 A	mpere Main Discon	nect Switch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	203	\$43,000	5	\$200	
Raceway						
Conduit	100%	203	\$36,500	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

Electrical	Currer	t Repair	Future Replacement Maintenance		aintenance					
System Component Type	% of Fail Da Total (Years	te 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	\$16,500	2055	* *	1					
	Insulation Aged, Extent : Moderate, Area Affected : 100%									
	Location : Throu	ghout The Building								
Thermoplastic	30%		2030	\$9,900	1					
Thermoplastic	20%		2050	* *	1					
Motor Controllers										
Locally Mounted	100%		2028	\$23,700	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	* *						
		Other Observation, Extent : Light, Area Affected : 100%								
	Location : Building Exterior Front And Side Walls									
	Explanation : LE	D Wallpak Fixtures								
Alarm										
Security System										
No Component	70%									
Generic	30%		2038	* *	1	\$800				
Fire/Smoke Detection										
Generic, Digital	100% Now	\$1,900	2038	* *	1-3	\$4,200				
	Other Observation, Extent: Moderate, Area Affected: 5%									
		ghout The Building								
	Explanation : Tro	ouble Light								

Mechanical	Current	Repair	Futur	re 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%		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	Futur	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Cor Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating								
Conversion Equipment								
Furnace	20%	2030	\$4,600	1	\$700			
	Other Observation, Extent : Light, Area Affected : 40% Location : First Floor Mechanical Room							
	Explanation: Duct Mounted Gas Furnace							
Hot Water Boiler	60%	2028	\$47,400	1	\$2,200			
	Corroded, Extent : Moderate, Area A			_	+-,-			
	Location : First Floor Mechanical A	·		ding.				
	Other Observation, Extent: Moderat	-		0				
	Location : First Floor Mechanical Room							
	Explanation: 1 Gas Fired Hot Water Boiler							
No Component	20%	20110.						
Distribution	2070							
Hot Wtr Piping/Pump	100%	2046	* *	4	\$400			
Hot wil Fiping/Fump	Recent Replace Evident, Extent: N/A		etad : 100%	4	\$400			
	Location: 2 Circulating Pumps In I							
Terminal Devices	Location . 2 Circulating 1 umps In 1	rtist Fitoti	Weenanicai Room					
Air Handler	40%	2030	\$44,800	1	¢1 000			
Convector/Radiator	60%	2030	\$ 44 ,000 * *	1 1	\$1,900			
	00%	2033		1	\$1,500			
Air Conditioning								
Energy Source	1000/	2020	* *	1				
Electricity	100%	2038		1				
Conversion Equipment	200/	2020	\$25,200	2	¢100			
Interior Pkg Unit -	30%	2028	\$35,300	2	\$100			
Cooling	Other Observation Francis Links As	1664-1	. 1000/					
	Other Observation, Extent: Light, Area Affected: 100%							
	Location: First Floor Mechanical Room							
	Explanation: With Duct Mounted C							
Ext Pkg Unit -	70%	2030	\$87,400	2	\$300			
Heating/Cooling								
	Other Observation, Extent: Light, Area Affected: 100%							
	Location: Roof							
	Explanation: R-134a Refrigerant V	Vith Gas He	at					
Heat Rejection	200/	• • • • •	0.10.20	-	** ***			
Dry Cooler	30%	2030	\$10,200	2	\$1,600			
No Component	70%							
Ventilation								
Distribution	1000/							
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,200			
Exhaust Fans								
Roof	100%	2030	\$14,400	2	\$200			
Plumbing								
H/C Water Piping	1000/			_				
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.

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BROOKLYN PUBLIC LIBRARY - 038 MARCY BRANCH LIBRARY

Asset #: 13258

l echanical	Curren	t Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Dat Total (Years)	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing							
Water Heater With Tanks							
Electric	100%		2028	\$23,400	4		
	Other Observation,	Extent: Light, Area	Affected	: 100%			
	Location: First F	Floor Mechanical Ro	om				
	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%						

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

Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 19-May-2021 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 6709 Lot : 54 BIN : 3179706

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$287,600	
Mechanical		\$443,100
Total	\$287,600	\$443,100
Importance Code A	\$287,600	
Importance Code B		\$443,100
Total	\$287 600	\$443.100

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$29,900	\$500		\$1,100
Interior Architecture	\$29,400		\$1,300	\$2,300
Electrical	\$800	\$900	\$1,000	\$5,400
Mechanical	\$7,500	\$1,700	\$3,000	\$1,700
Site Pavements	\$5,300			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$76,800	\$7,100	\$9,300	\$14,400
Importance Code A	\$30,500	\$1,100	\$600	\$1,700
Importance Code B	\$39,800	\$6,000	\$8,000	\$12,700
Importance Code C	\$6,500		\$700	
Total	\$76,800	\$7,100	\$9,300	\$14,400



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 #: 13259

Architecture	Current Repair		Futu	Future Replacement		Maintenance		
System Component Type	% of Fail I Total (Yea	Oate Estimated Cost ers)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior								
Exterior Walls								
Glass Block	2%		LIFE	* *	5	\$200		
Masonry: Brick	85%		LIFE	* *	5	\$16,300		
	Vertical Cracks, Location : Pila	Extent : Light, Area Af	fected : 1	%				
	-	sier						
Masonry: Fieldstone	10%		LIFE	* *	5	\$1,400		
Window Wall	3%		2052	* *	5	\$2,200		
	-	l, Extent : Moderate, A	rea Affect	ted : 75%				
	Location : Thre	oughout						
Windows	1000/ 37	#20.200	2040	* *	-	01 500		
Aluminum	100% Nov		2048		5	\$1,500		
	Location : Thro	ng, Extent : Moderate, . oughout	Area Ajje	ctea : 10%				
		on, Extent : Light, Area	Affected	: 10%				
		und Windows In Stairce			ughout			
Parapets								
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								
Asphalt Shingle	15%		2035	* *	10	\$500		
Modified Bitumen	80% Nov	w \$110,300	2037	* *				
	Alligatoring, Extent : Moderate, Area Affected : 10% Location : Throughout							
		Moderate, Area Affeci	ted · 5%					
	Location: Thre							
	Drains Inad/Mis	posn, Extent : Moderat	te, Area A	Iffected : 5%				
	Drains Inad/Misposn, Extent : Moderate, Area Affected : 5% Location : Back Of Building							
	Ponding, Extent: Moderate, Area Affected: 10%							
	Location: Back Of Building							
	Water Penetration, Extent: Moderate, Area Affected: 5%							
	Location : Throughout							
	Other Observation, Extent: Moderate, Area Affected: 25%							
	Location: Lower Roof							
		Protection Board Adde	d Due To	Construction Next	Door.			
Skylight, Metal/Glass	5% Nov		2062	* *				
		Cracked, Extent : Seve		Affected : 25%				
	Location : Roof		,	00				

Maintenance \$ are aggregated over a 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	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Soffits Stucco Cement	100% Now	\$1,600	2045	* *	5	\$900	
Staces Cement	Cracking/Crumbling,			ted : 5%	3	Ψ700	
	Location : Through		, 33				
	Paint Peeling, Extent	: Moderate, Area	Affected : 5%	%			
	Location : Through						
	Staining/Discoloring, Location : Through	out					
	Water Penetration, E. Location : Through		rea Affectea	d : 5%			
nterior							
Floors Cast in Place Concrete	5%		LIEE	* *	5	¢2 500	
Cast in Place Concrete Ceramic Tile	5% 5%		LIFE 2041	* *	5 5	\$2,500 \$1,100	
Terrazzo	10% Now	\$10,400	LIFE	* *	5	\$1,800	
Terrazzo	Cracking/Crumbling, Location: At Stairs	Extent : Light, Are		10%	5	Ψ1,000	
Vinyl Tile	80% Now	\$9,900	2037	* *	3	\$6,800	
viiiyi Tile	Cracking/Crumbling, Location: First And	Extent : Moderate	, Area Affec	ted : 10%	J	ψο,οσο	
Interior Walls							
Ceramic Tile	5%		2041	* *	5	\$1,400	
Concrete Masonry Unit			LIFE	* *	5	\$9,100	
Gypsum Board	15% Now	\$1,200	LIFE	**	5	\$2,600	
	Paint Peeling, Extent Location: Through		Affected: 5%	%			
	Water Penetration, E. Location : Through		rea Affectea	d : 5%			
Ceilings							
AcousTileSusp.Lay-In	80% 0-2	\$5,900	2045	* *	5	\$9,000	
	Staining/Discoloring,		, Area Affec	ted : 5%			
	Location: Through		was Affaataa	1 . 50/			
	Water Penetration, E. Location: Through		геи Ајјестеи	1. 570			
	Other Observation, E		Area Affecte	d · 5%			
	Location : All Floor		1, 00, 11,,, 00,00				
	Explanation : Missi	ng Tiles					
Gypsum Board	10% Now	\$2,000	LIFE	* *	5	\$2,800	
71	Cracking/Crumbling, Location: Through	Extent : Moderate	, Area Affec	ted : 10%		. ,	
	Water Penetration, E. Location : Through	xtent : Moderate, A	rea Affectea	l : 5%			
Plaster	10%		LIFE	* *	5	\$1,400	
ite Enclosure							
Fence/Gates	10621		• • • •				
Iron Picket	100%		2067	* *			

Maintenance \$ are aggregated over a 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	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%			2052	* *			
Retaining Walls								
Masonry: Brick	100%			2052	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	* *			
On-Site Walkways								
Cast in Place Concrete	,	Now	\$1,100	2045	* *			
	_	bsiding, Ex : Side Enti	ctent : Moderate, A rance	rea Affec	cted : 5%			
Pavers/Stone	25%			2041	* *			
Parking/Driveway								
Asphalt	100%	Now	\$4,200	2041	* *			
	0	Crumbling, : Through	Extent : Moderate out	, Area Aj	ffected : 5%			
	Potholes, I	Extent : Mo	oderate, Area Affec	ted : 5%				
		: Side Lot						
	_	_	ctent : Moderate, A	rea Affec	cted : 5%			
		: Side Lot	36.1		1 20/			
	11 0	azard, Ext : Side Lot	ent : Moderate, Are	ea Affecti	ed : 2%			

ectrical	Current Repair	Futur	e Replacement	М	aintenance			
stem Component Type	% of Fail Date Estimated Con Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
der 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2052	* *	5	\$100			
	Other Observation, Extent: N/A, Area	a Affected :	100%					
	Location : Electrical Room							
	Explanation: Main Service Discon	nect Switch	Rated At 600 Amp	eres				
Switchgear / Switchboard								
Fused Disc Sw	50%	2052	* *	5				
	Other Observation, Extent: N/A, Area	a Affected :	100%					
	Location : Electrical Room							
	Explanation: 1 Vertical Section							
Molded Case Bkrs	50%	2052	* *	5	\$200			
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Electrical Room							
	Explanation: 1 Vertical Section							
Raceway								
Conduit	100%	2052	* *	1				
Panelboards								
Fused Disc Sw	5%	2048	* *	5				
Molded Case Bkrs	95%	2048	* *	5	\$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 #: 13259

Electrical	Current Repair	Futur	Future Replacement Maintena		aintenance	ance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Wiring							
Thermoplastic	100%	2052	* *	1			
Motor Controllers							
Locally Mounted	70%	2045	* *	5	\$100		
Motor Control Center	30%	2045	* *	5	\$100		
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$200		
	Other Observation, Extent: N/A, Area	Affected :	100%				
	Location: Basement						
	Explanation: Connected To Metal W	ater Pipe					
Lighting							
Interior Lighting	40%	2027	* *	10	¢4.500		
Fluorescent	40% Other Observation, Extent: N/A, Area	2037		10	\$4,500		
	Location: Throughout The Building	Ајјестеа :	100%				
LED	Explanation: T-8 Lamps	20.40	* *				
LED	60%	2040					
	Other Observation, Extent: N/A, Area Location: Staircase And 2nd Floor	Affected :	100%				
	Explanation : LED Light Fixtures						
Egress Lighting							
Emergency, Battery	50%	2040	* *	10	\$1,500		
Exit, Service	50%	2040	* *	1			
Exterior Lighting							
HID	5%	2032	\$2,800	10			
LED	20%	2040	* *				
No Component	75%						
Alarm							
Security System							
No Component	70%						
Generic	30%	2040	* *	1	\$1,400		
	Other Observation, Extent: N/A, Area	Affected :	100%				
	Location : Inside And Outside						
	Explanation : CCTV Surveillance Ca	ameras, Int	rusion Alarm Syste	em, Pani	c Doors		
Fire/Smoke Detection							
Generic, Analog	100%	2032	\$31,200	1-3	\$7,500		
	Other Observation, Extent : N/A, Area	Affected :	100%				
	Location : Throughout The Building						
	Explanation: Smoke Detectors And A	<u> 4larm B</u> ell	s				

Mechanical		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

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 #: 13259

Mechanical	Current Repair Future Replacement Maintenar				aintenance		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating		•					
Energy Source							
Natural Gas	100%	,	2052	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2037	* *	1	\$6,000	
	Other Observation, Exte		fected	: 100%			
	Location: Basement B	oiler Room					
	Explanation: 1 Unit						
Distribution (P	1000/		20.40			#200	
Hot Wtr Piping/Pump	100%		2040	* *	4	\$900	
Terminal Devices	500/		2022	0112 000		#2 000	
Air Handler	50%		2032	\$113,900 * *	1	\$3,800	
Convector/Radiator	40%		2037		1	\$1,600	
Fan Coil Unit/Heat	10%		2032	\$30,000	1	\$400	
	Other Observation, Exte Location : Basement	nt : Lignt, Area A <u>j</u>	јестеа	: 10%			
		ut Auga					
A :- C 1:4::	Explanation: Basemen	u Area					
Air Conditioning Energy Source							
Electricity	100%	,	2048	* *	1		
Conversion Equipment	10070		2040		1		
Reciprocating	50%	,	2032	\$89,300	1	\$2,800	
Compr/Chiller	3070	•	2032	\$69,500	1	\$2,800	
Compi/Cimici	Other Observation, Exte	nt : Light, Area At	fected	: 30%			
	Location: Roof	g, <u>"</u>	,				
	Explanation: 1 Unit O	n The Higher Roo	f				
Ext Pkg Unit -	50% Now		2032	\$101,700	2	\$300	
Heating/Cooling	3070 110W	ψ5,100	2032	Ψ101,700	_	Ψ300	
Treating, Cooling	R-22 Refrigerant, Extent	: Light, Area Affe	cted :	100%			
	Location : Roof	3, 3,					
	Other Observation, Exte	nt : Light, Area Aj	fected	: 100%			
	Location: Roof		,				
	Explanation : 2 Units C	On Lower Roof					
Distribution	•	v					
CW & CHW Wtr	50%	,	2042	* *	4	\$300	
Pipe/Pump							
No Component	50%						
Terminal Devices							
Fan Coil - 4 Pipe	30%	2	2032	\$138,200	1	\$1,200	
No Component	70%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%]	LIFE	* *	2-5	\$6,800	
Exhaust Fans					_		
Interior	25%		2032	\$13,400	2	\$100	
Roof	75%		2032	\$17,600	2	\$300	

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.

Asset #: 13259

Mechanical	Current Repair	Future F	Replacement	M		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2042	* *	1		
Water Heater With Tanks						
Gas Fired	100%	2031	\$16,900	2		
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s)						
Electric	100%	2032	\$6,300	4	\$700	
	Other Observation, Extent : Light,	Area Affected : 1	00%			
	Location : Boiler Room					
	Explanation: 1 Set					
Backflow Preventer	1000/	• • • • •	de de		4000	
Generic	100%	2040	* *	1	\$800	
	Other Observation, Extent: Light,		00%			
	Location : First Floor Work Room					
	Explanation : First Floor Work R	oom				
Fixtures	1000/					
Generic	100%					
Vertical Transport						
Elevators	1000/	LIEE	* *			
Hydraulic	100% Other Observation, Extent: Light,	LIFE				
	Location: Basement To 2nd Floo	**	00%			
		r				
Fin- Gi	Explanation : 1 Unit					
Fire Suppression Sprinkler						
No Component	70%					
Generic	30%	2042	* *	1-2	\$1,000	
Generic	Other Observation, Extent : Light,			1-2	\$1,000	
	Location: Basement	mea myeetea . 3	.0,0			
	Explanation: Basement Only					
	Explanation . Dasement 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.

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Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$194,300	
Total	\$194,300	
Importance Code A	\$194,300	
Total	\$194.300	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$13,200			
Interior Architecture	\$1,100	\$100		\$600
Electrical	\$500	\$400	\$5,100	\$400
Mechanical	\$800	\$700	\$20,600	\$700
Total	\$15,700	\$1,100	\$25,700	\$1,600
Importance Code A	\$13,600	\$400	\$500	\$400
Importance Code B	\$2,000	\$600	\$25,200	\$1,300
Importance Code C		\$100		
Total	\$15,700	\$1,100	\$25,700	\$1,600



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 #: 13260

rchitecture	Current Repair	Future Replacement	М	Maintenance	
stem Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priorit
terior Exterior Walls Masonry: Brick	Diagonal Cracks, Extent : Mode Location : Southeast Corner A		* 5	\$18,900	
Windows Aluminum	100% Now \$. Air Infiltration, Extent: Severe, Location: Throughout Caulking Deteriorated, Extent: Location: Throughout		* 5	\$300	
Parapets Masonry: Brick Metal Panel	73% 5% Now \$. Deformed/Dented, Extent: Mod Location: Coping At North Sid Seams Open/Split, Extent: Mod Location: Coping	de	3	\$2,600 \$400	
Metal Rail		Roof oderate, Area Affected : 50%	* 5	\$2,600	
Metal: Cage/Fence Pre-Cast Concrete	10% 2% Now \$ Cracking/Crumbling, Extent: M Location: Coping Over Free S Caulking Deteriorated, Extent: Location: Coping Over Free S	Standing Parapet Moderate, Area Affected : 25%	3-10	\$2,800 \$500	
Roof Modified Bitumen		7,100 2041 *** a Affected : 100%	k		
Soffits Cement - Fiber Panel	20% Water Penetration, Extent : Mod Location : Corner Of Building		10		
Metal Panel erior Floors	80%	2051 * *	* 5-10		
Cast in Place Concrete Ceramic Tile Vinyl Tile	10% 15% 75%	LIFE * * 2044 * * 2036 * * *	* 5	\$1,300 \$900 \$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.

Asset #: 13260

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	Priorit
nterior								
Interior Walls								
Ceramic Tile	5%			2040	* *	5	\$100	
Concrete Masonry Unit	75%			LIFE	* *	5	\$800	
Gypsum Board	15%			LIFE	* *	5	\$200	
Masonry: Brick	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	85%			2048	* *	5	\$5,000	
Exposed Struc: Concrete	10%			LIFE	* *	5	\$100	
Gypsum Board	5%	Now	\$100	LIFE	* *	5	\$400	
J	Water Pen	etration, E	xtent : Moderate, A	rea Affe	cted : 2%			
	Location	i : Above Ci	irculation Desk					
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 Rep	air Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2041	* *	5	\$200	
	Other Observation, Exter	nt : Light, Area Affected : 100%				
	Location : Electrical Re	oom				
	Explanation : Main Ser	vice Switch Rated At 600 Ampe	res			
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	10070					

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	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	• • • • • • • • • • • • • • • • • • • •	• • • • •	di di	4.0	4.100	
Fluorescent	20%	2036	**	10	\$1,400	
	T-8 Lamps And Fixtures, Extent: Light, Location: Throughout The Building	Area Affec	ted : 100%			
Fluorescent	5%	2036	* *	10	\$300	
	Compact Fluorescent Light, Extent : Lig Location : Vestibule	ght, Area A	ffected : 100%			
Fluorescent	25%	2036	* *	10	\$1,700	
	T-5 Lamps And Fixtures, Extent : Light, Location : Throughout The Building	Area Affec	cted : 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	Аујесней .	10070			
HID	25%	2036	* *	10		
IIID	Other Observation, Extent : Light, Area		100%	10		
	Location : Perimeter	ngjeerea .	10070			
	Explanation : Operated Via Timer					
No Component	50%					
Alarm						
Security System						
No Component	50%					
Generic	50%	2036	* *	1	\$1,400	
	Other Observation, Extent : Light, Area		100%			
	Location: Throughout The Building					
	Explanation: CCTV Surveillance Can	nera Syster	n			
Fire/Smoke Detection	500/					
No Component	50%	2026	ملد بات	1.2	#0.400	
Generic, Analog	50%	2036	**	1-3	\$2,400	
	Other Observation, Extent: Light, Area	Ajjected :	100%			
	Location: Throughout The Building Explanation: Manual Pull Station, St	roha Liaht	s And Alaum Ralle	,		
	емрининон . минии F ин миноп, м	ove Light	S Anu Aiurm Dells	•		

Mechanical		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

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 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
Heating							
Energy Source Natural Gas	100% Now Other Observation, E Location : Gas Meto Explanation : There	er Room			1		
Conversion Equipment Furnace	100% Other Observation, E Location : Roof Explanation : 2 Pac	_	2036 Affected	**	1	\$3,700	
Terminal Devices	*						
Convector/Radiator	100% Other Observation, E Location : 2nd Floo Explanation : Electi	r			1 cooms	\$2,400	
Air Conditioning							
Energy Source Electricity	100%		2047	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	80%		2036	* *	2	\$400	
	Other Observation, E Location : Roof Explanation : 2 Uni	_	Affected	: 80%			
Split Unit	20%		2036	* *			
Distribution Ductwork/Diffusers	100%		LIFE	* *	2	\$9,800	
Ventilation Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,200	
Exhaust Fans Interior	100%		2031	\$33,000	2	\$200	
Plumbing H/C Water Piping							
Brass/Copper	100%		2041	* *	1		
Water Heater With Tanks Gas Fired	100%		2026	\$16,900	2		
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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 25-Feb-2021 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 4090 Lot : 1 BIN : 3090726

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$976,500	
Interior Architecture	\$85,000	\$846,100
Electrical		\$71,000
Mechanical		\$150,100
Total	\$1,061,400	\$1,067,200
Importance Code A	\$976,500	
Importance Code B	\$85,000	\$1,067,200
Total	\$1,061,400	\$1,067,200

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$85,600			
Interior Architecture	\$46,900	\$9,400		\$3,900
Electrical	\$23,800	\$900	\$1,000	\$33,800
Mechanical	\$3,400	\$2,500	\$3,900	\$2,500
Site Enclosure	\$5,300			
Site Pavements	\$800			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$169,800	\$16,800	\$8,900	\$44,200
Importance Code A	\$86,800	\$1,200	\$1,200	\$1,200
Importance Code B	\$55,500	\$15,600	\$7,700	\$43,000
Importance Code C	\$27,600			
Total	\$169,800	\$16,800	\$8,900	\$44,200



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

rchitecture	Current Repair	Future Replacement	М	aintenance	
rstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
terior					
Exterior Walls	000/ 37	d. d.	_		
Masonry: Brick	80% Now \$193,800 Diagonal Cracks, Extent: Moderate, Ard Location: Corners, Throughout, Aroun	nd Windows	5	\$23,800	1
	Efflorescence, Extent : Moderate, Area A Location : Throughout	Iffected : 25%			
	Joint Mortar Miss/Erod, Extent : Severe, Location : Throughout, Corners	Area Affected : 35%			
	Misaligned/Bulging, Extent : Severe, Are Location : Around Windows				
	Rusting Masonry Supt, Extent: Moderat Location: Bulkheads, Around Window.				
Granite Panels	8% Now \$58,000 Cracking/Crumbling, Extent: Moderate, Location: Various Joint Mortar Miss/Erod, Extent: Severe, Location: South Facade	Area Affected : 25%	5	\$1,800	
	Misaligned/Bulging, Extent : Moderate, Location : South Facade	Area Affected : 10%			
Slate Panels	2% Now \$27,400 Cracking/Crumbling, Extent: Severe, Ar Location: North Facade Spalling, Extent: Severe, Area Affected:	-	5	\$400	
	Location: North Facade	2070			
Window Wall	10% 0-2 \$35,700 Water Penetration, Extent : Moderate, A Location : Stair	2052 * * rea Affected : 15%	5	\$5,600	
Windows					
Aluminum	100% Now \$417,600 Air Infiltration, Extent : Moderate, Area Location : Throughout	2057 ** Affected : 25%	5	\$4,400	
	Deteriorated Finish, Extent : Moderate, Location : Throughout	Area Affected : 50%			
	Glazing Clouded, Extent : Moderate, Are Location : Throughout	ea Affected : 25%			
	Water Penetration, Extent : Moderate, A				
	Location: North Facade, South Facad Weather Strip Missing, Extent: Moderat				
	weather Strip Missing, Extent : Moderat Location : Throughout	e, Area Affectea : 25%			

Maintenance \$ are aggregated over a 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 Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior Parapets							
Masonry: Brick	93% Now Diagonal Cracks, Exte Location: Corners, T Efflorescence, Extent: Location: Throughou Horizontal Cracks, Ext Location: Throughou Joint Mortar Miss/Eroc Location: Throughou	Throughout Moderate, Area 2 ut ent : Moderate, A ut d, Extent : Severe	Affected : 1rea Affec	10% cted : 10%	5	\$4,400	1
	Water Penetration, Ext Location: North Fac	ent : Moderate, A		ted : 20%			
Masonry: Granite Masonry: Limestone	2% 5% Now Joint Mortar Miss/Erod Location: Coping Caulking Deteriorated, Location: Coping		-		5 5	\$100 \$300	1
Roof							
Asphalt Shingle Modified Bitumen	2% 98% 0-2 Blisters, Extent: Mode Location: Roof Over Ponding, Extent: Seve. Location: Lower Roo	Second Floor re, Area Affected	: 10%	**	10	\$100	
Soffits		· · · · · · · · · · · · · · · · · · ·					
Cast in Place Concrete	100% Now Cracking/Crumbling, I Location: Canopy A Horizontal Cracks, Ext Location: Canopy A	Service Entranc ent : Severe, Ared	e a Affectea		5	\$900	
Interior							
Floors Cast in Place Concrete Ceramic Tile Terrazzo	5% 3% 5% 4+ Ponding, Extent : Mod	\$3,300 erate. Area Affec	LIFE 2035 LIFE ted:5%	* * * * *	5 5 5	\$3,900 \$1,100 \$1,400	
	Location: Landing C			Hazard			
Vinyl Tile	87% 4+ Cracking/Crumbling, I Location: First Floor		2032 ea Affecte	\$846,100 d : 5%	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	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cos	t Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	*	5	\$1,100	
Glass: Single Pane	2%	0-2	\$19,000	LIFE	*	5	\$400	
		0	ents, Extent : Mode					
			Doors At First, Bo			rs		
			xtent : Moderate, A					
			Doors At First, Bo	isement .	And Second Floo	rs		
		tion : Deter	riorated Finish					
Gypsum Board	10%			LIFE	*	5	\$1,600	
Marble Panels	5%			LIFE	*			
Plaster	68%			LIFE	*	5	\$5,400	
SGFT/Glazed Masonry	5%		\$2,400	LIFE	*	*		
	_	_	Extent : Moderate	-	-			
			ir Between Basem					
			xtent : Light, Area	00				
	Location	: Main Sta	ir Between Basemo	ent And I	First Floor			
Ceilings			*				4	
AcousTileConcealSpLn	_	Now	\$85,000	2052	*	* 5	\$5,600	
		-	, Extent : Light, Ar	ea Affeci	ted: 10%			
			d Second Floors		CC . 1 250/			
			Extent : Moderate	, Area Aj	ijeciea : 25%			
		: Through		1 <i>CC</i> -	-4-1.200/			
			xtent : Moderate, A Floor, Around Wind		ciea : 20%			
. T'1 C . I . I		. Secona 1	1001, Arouna vrina			u ~	Φ1 7 000	
AcousTileSusp.Lay-In	50%	3.7	Φ.Σ. 400	2045	*	5	\$17,800	
Plaster	25%		\$5,400	LIFE		* 5	\$5,600	
			xtent : Light, Area .	Affected	: 3%			
7'. F. 1	Location	: Stairwell						
Site Enclosure								
Fence/Gates Chain Link	2%			2042	*	*		
Iron Picket		4+	\$5,300	2042	*			
Iron Picket			\$5,500 xtent : Moderate, A					
		-	xiem : Moderdie, A Avenue And Rear (
Site Pavements	Locuion	. Schenck	II. CHUC IIIU NEUI (, Dunui	"'0			
Public Sidewalk								
Cast in Place Concrete	100%			2045	*	*		
On-Site Walkways	100/0			2073				
Asphalt	95%	4+	\$800	2041	*	*		
1 ispitati		=	Extent : Moderate		ffected : 10%			
	_	: Front Of		,1)	y			
Cast in Place Concrete	5%)	.6	2045	*	*		
Parking/Driveway	5/0			2073				
Asphalt	100%			2041	*	*		
Aspiian	100%			∠∪41	•			

Maintenance \$ are aggregated over a 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

Electrical		Current Repa	ir	Futu	re Replacement	Ma	aintenance	
System Component Type		ail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	Location:	Basement Ele	t : N/A, Area A ectrical Room Ampere Main			5	\$100	
Switchgear / Switchboard Fused Disc Sw	Location:		t : N/A, Area A ectrical Room	2032 Iffected :	\$21,500 100%	5	\$100	
Molded Case Bkrs	50%			2032	\$21,500	5	\$300	
Raceway	2070				\$21,000		4200	
Conduit	100%			2032	\$36,500	1		
Panelboards Fused Disc Sw Molded Case Bkrs	5% 95%			2031 2031	\$1,500 \$28,200	5 5	\$600	
Wiring Braided Cloth	Location:	2-4 vation, Exten Throughout I on: Insulation	_	2057 Iffected :	**	1		
Thermoplastic	30%			2042	* *	1		
Motor Controllers Locally Mounted	100%			2030	\$71,000	5	\$200	
Ground Grounding Devices Generic	100%			LIFE	* *	5	\$300	
Lighting Interior Lighting LED	100%			2040	* *			
Egress Lighting Emergency, Service Emergency, Battery Emergency, Battery Exit, Service	40% 10% 45% 5%			2032 2040 2032 2040	\$5,800 ** \$17,800 **	1 10 10 1	\$600 \$2,600	
Exterior Lighting HID No Component	30% 70%			2027	\$32,900	10		
Alarm								
Security System No Component Generic	70% 30%			2037	* *	1	\$2,700	
Fire/Smoke Detection No Component Generic, Digital	70% 30%			2037	* *	1-3	\$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

nated Cost	Priority
	<u> </u>
\$11,700	
#1 000	
\$1,800	
A.Z. Z. O. O.	
\$7,700	
\$1,300	
\$1,500	
\$1,700	
7)	
\$13,200	
\$200	
\$500	
0082	
\$000	
	\$200 \$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 #: 4203

Mechanical	Current Repair	Futur	e Replacement	M	aintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Plumbing									
Sewage Ejector(s)									
Electric	100%	2032	\$12,300	4	\$1,400				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Basement								
	Explanation: Inaccessible								
Backflow Preventer									
No Component	90%								
Generic	10%	2037	* *	1	\$200				
	Other Observation, Extent : Light, Area Affected : 10%								
	Location: Basement								
	Explanation: The Backflow Prevente	er Serves T	The Boiler Only						
Fixtures									
Generic	100%								
Vertical Transport									
Elevators									
Hydraulic	100%	LIFE	* *						
	Other Observation, Extent : Light, Area Affected : 100%								
	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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$496,900	\$223,300
Interior Architecture	\$176,300	
Electrical	\$198,700	
Mechanical		\$125,600
Total	\$872,000	\$349,000
Importance Code A	\$496,900	\$223,300
Importance Code B	\$375,100	\$125,600
Total	\$872,000	\$349,000

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$116,900		\$500	
Interior Architecture	\$34,900	\$700	\$2,100	\$4,200
Electrical	\$23,800	\$1,000	\$17,500	\$600
Mechanical	\$2,600	\$2,600	\$4,400	\$3,200
Site Enclosure	\$44,800			
Site Pavements	\$22,600			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$249,700	\$8,300	\$28,500	\$11,900
Importance Code A	\$118,100	\$1,100	\$1,700	\$1,100
Importance Code B	\$39,200	\$6,400	\$26,800	\$10,800
Importance Code C	\$92,400	\$700		
Total	\$249,700	\$8,300	\$28,500	\$11,900



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 #: 4204

rchitecture	Currer	nt Repair	Futur	e Replacement	M	aintenance	
rstem Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls							
Masonry: Brick Masonry: Fieldstone Masonry: Limestone	Location: East F Rusting Masonry S Location: Lintel Spalling, Extent: I Location: Above Vertical Cracks, Ex Location: At No Worn/Eroded, Exte Location: Below Other Observation Location: Rear O	Supt, Extent : Modera s Above Windows Moderate, Area Affect 2 2nd Floor Window stent : Moderate, Are	te, Area 2 a Affected: Affected: ny a Affecte and 2nd 1	Affected : 10% d : 5% - 10% d : 15% Floor	5 5 5	\$25,600 \$200 \$1,700	
	Location : Through Rusting Masonry S Location : Lintel.	Erod, Extent : Moder ghout Supt, Extent : Modera s Above Windows	te, Area 2	Affected : 10%		#1100	
Window Wall	1%		2041	* *	5	\$1,100	
Windows Aluminum	100% Now Caulking Deterior Location: Through	\$41,800 ated, Extent : Modera ghout	2056 ate, Area	* * Affected : 50%	5	\$2,200	
Parapets							
Cast Stone/Terra Cotta	Location: Rear I	\$7,200 , Extent : Severe, Are Parapet esh Covering To Capt			5	\$1,200	
Cast Stone/Terra Cotta	Location: Front	\$17,300 , Extent : Severe, Are And Side Parapets vered By Rubber Med		* * d : 25%	5	\$1,200	
Masonry: Brick	Location: Front	\$28,200 , Extent : Severe, Are And Side Parapets vered By Rubber Med		* * d : 50%	5	\$700	
Roof Modified Bitumen	100% 0-2 Blisters, Extent : M Location : Main I	\$22,300 Moderate, Area Affect Roof	2031 ed : 5%	\$223,300			

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

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

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

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
nterior								
Floors								
Carpet	5%			2030	\$29,500	3	\$3,400	
Cast in Place Concrete	5%			LIFE	* *	5	\$3,700	
Mosaic Tile	5%			2036	* *	5	\$4,200	
Terrazzo	5%		**	LIFE	* *	5	\$1,300	
Vinyl Tile	Patching Location Worn/Eroo	: Staff Lou	: Light, Area Affect	-		3	\$2,500	
Vinyl Tile 9" X 9"	60%	2-4	\$176,300	2041	* *	3	\$7,600	
	Worn/Ero		: Moderate, Area A		20%	J	<i>\$7,</i> 000	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	\$1,500	
Gypsum Board	59%			LIFE	* *	5	\$10,600	
Marble Panels	_		\$1,000 Extent : Light, Are airs	LIFE a Affecte	* * ed : 1%			
Plaster	25%			LIFE	* *	5	\$2,200	
SGFT/Glazed Masonry	10% Cracking/	Now	\$26,600 Extent : Light, Are	LIFE	* * ed : 10%		. ,	
	Water Pen		xtent : Moderate, A	rea Affe	cted : 15%			
Ceilings								
AcousTileConcealSpLn	Misaligne		\$2,700 Extent : Light, Arec out	2036 a Affected	* * d : 5%	5	\$5,300	
Exposed Struc: Concrete	10%			LIFE	* *	5	\$500	
Gypsum Board	10%			LIFE	* *	5	\$4,200	
Plaster	55%			LIFE	* *	5	\$11,600	
ite Enclosure								
Fence/Gates								
Chain Link	Location Corrosion Location Impact Do	issing Elem 1 : Side Dri 'Rusting, E. 1 : Side Dri 1 : Side, Exte	\$44,800 ents, Extent: Mode veway And Rear Po xtent: Moderate, A veway And Rear Po ent: Moderate, Are veway And Rear Po veway And Rear Po	irking Lo rea Affe irking Lo a Affecte	ot cted : 100% ot ed : 10%			
Free Standing Walls		277		8 20	-			
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.

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BROOKLYN PUBLIC LIBRARY - 038 NEW UTRECHT BRANCH LIBRARY

Asset #: 4204

Architecture		Current I	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
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	\$2,700	2036	* *			
	Tripping H	azard, Ext	ent : Moderate, Are	ea Affecto	ed : 5%			
		: 86th Stre						
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%	2-4	\$19,900	2036	* *			
	Cracking/	Crumbling,	Extent : Moderate	, Area Aj	ffected : 15%			
	Location	: Drivewa	y And Parking Lot					

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2031	\$7,500	5	\$100	
	Other Observation, Extent:		: 100%			
	Location : Electrical Room					
	Explanation: Two 400 Amp	pere Main Disconne	ct Switches			
Switchgear / Switchboard	1000/			_	0.00	
Molded Case Bkrs	100%	2031	\$43,000	5	\$600	
Raceway	0.50/	2021	#24.5 00			
Conduit	95%	2031	\$34,700 * *	1		
Conduit	5%	2041	* *	1		
Panelboards	50/	2020	¢1 500	_		
Fused Disc Sw	5%	2030	\$1,500 * *	5	¢200	
Molded Case Bkrs	30% 65%	2039 2030		5	\$200 \$400	
Molded Case Bkrs	03%	2030	\$19,300	5	\$400	
Wiring Braided Cloth	70% 2-4	\$23,100 2056	* *	1		
Blaided Cloth	Insulation Aged, Extent : Mo	+ - ,		1		
	Location: Throughout The		a . 100/0			
Thermoplastic	30%	2041	* *	1		
Motor Controllers	3070	2041		1		
Locally Mounted	100%	2036	* *	5	\$200	
Ground	10070	2030			Ψ200	
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
Lighting					, - v v	
Interior Lighting						
Fluorescent	80%	2026	\$198,700	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 Futu	re Replacement	М	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%			
	-	eas And Outside Perime	ter			
	Explanation : CCTV St	urveillance Cameras				
Fire/Smoke Detection						
No Component	70%					
Generic, Analog	30%	2031	\$17,200	1-3	\$4,100	
	Other Observation, Exte		! : 100%			
	Location : Hallways Ai	nd Basement				
	Explanation : Strobe L Horns	ights, Manual Pull Stati	ons, Alarm Bells, S	moke De	tectors And	

Mechanical	Current Repair	Future	Replacement	Ma	aintenance	
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%	2051	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2044	* *	1	\$11,100	
	Other Observation, Extent : Light, Are	ea Affected :	100%			
	Location: Basement Boiler Room					
	Explanation: One Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2047	* *	4	\$1,100	
Terminal Devices						
Air Handler	30%	2031	\$125,600	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	Currer	t Repair	Futur	e Replacement	М	1 \$1,000		
System Component Type	% of Fail Da Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning Conversion Equipment Reciprocating Compr/Chiller	10%		2031	\$32,800	1	\$1,000		
	Location: 1 Unit	Extent : Light, Area A On Roof		100%				
Exterior Pkg Unit - Cooling	90%		2036	* *	2	\$1,200		
	Location: Roof	, Extent : Light, Area Inits. R-134 Refrigero		: 100%				
Terminal Devices Air Handler/Cool/Ht No Component	10% 90%		2031	\$43,200	1	\$1,400		
Heat Rejection Air Cooled Condenser Unit	10%		2031	\$6,400	2	\$1,600		
No Component	90%							
Ventilation								
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$12,500		
Exhaust Fans	100/		2021	ФО ООО	•	#100		
Interior Roof	10% 90%		2031 2036	\$9,900 * *	2 2	\$100 \$600		
Plumbing	9070		2030			\$000		
H/C Water Piping Brass/Copper	100%		2041	* *	1			
Water Heater With Tanks	1000/		2020	#1 (000	•			
Gas Fired	100%		2029	\$16,900	2			
Sanitary Piping Cast Iron	100%		LIFE	* *	1			
Storm Drain Piping	10070		LII L					
Cast Iron	100%		LIFE	* *	1			
Fixtures Generic	100%							
Vertical Transport Elevators			TIEE	* *				
Hydraulic	100% Other Observation Location: Basen Explanation: 1 U		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.

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Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 15-Apr-2022 Landmark Status : NONE

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

Block : 928 Lot : 6 BIN : 3018376

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$288,300	
Interior Architecture	\$66,400	\$1,021,900
Total	\$354,700	\$1,021,900
Importance Code A	\$288,300	
Importance Code B	\$66,400	\$1,021,900
Total	\$354,700	\$1,021,900

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$71,000			
Interior Architecture	\$140,100		\$500	\$2,300
Electrical	\$1,700	\$1,500	\$1,800	\$1,700
Mechanical	\$4,000	\$2,200	\$3,200	\$1,800
Site Enclosure	\$21,500			
Site Pavements	\$7,300			
Total	\$245,700	\$3,600	\$5,500	\$5,700
Importance Code A	\$71,800	\$800	\$800	\$800
Importance Code B	\$114,800	\$2,800	\$4,200	\$5,000
Importance Code C	\$59,100		\$500	
Total	\$245,700	\$3,600	\$5,500	\$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 #: 13261

chitecture	Current Repair	Future Replacement	М	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	85%	LIFE **	5	\$69,200	
Masonry: Fieldstone	5% Now \$4,100	LIFE **	5	\$1,500	
	Diagonal Cracks, Extent : Moderate, A Location : Rear Of Building	rea Affectea : 3%			
Masonry: Limestone	10% 0-2 \$23,800	LIFE **	5	\$3,100	
	Cracking/Crumbling, Extent: Light, Ar	rea Affected : 5%			
	Location : Throughout				
	Joint Mortar Miss/Erod, Extent: Mode	rate, Area Affected : 5%			
	Location: Throughout	1 100			
	Staining/Discoloring, Extent : Moderat Location : Throughout	e, Area Affected : 15%			
Windows					
Metal Louvers	1% Now \$2,500	2048 **			
	Corrosion/Rusting, Extent : Moderate, .	Area Affected : 45%			
	Location : Rear Areaway				
Wood	99% Now \$179,000	2058 **	5	\$22,500	
	Deteriorated Finish, Extent: Moderate	, Area Affected : 50%			
	Location : Throughout				
	Glazing Broken/Cracked, Extent: Light				
	Location : Various Locations Through				
	Thermally Inefficient, Extent : Moderat	e, Area Affected : 50%			
	Location: Throughout				
	Split/Cracked, Extent : Moderate, Area	Affected: 25%			
D	Location : Throughout				
Parapets Masonry: Brick	80% Now \$109,300	LIFE **	5	\$4,400	
Masonly. Blick	Joint Mortar Miss/Erod, Extent: Mode.		3	\$4,400	
	Location: Interior Face	ruie, Area Affectea . 1070			
	Spalling, Extent: Moderate, Area Affec	eted · 30%			
	Location: Interior Face	104.5070			
Masonry: Limestone	10%	LIFE **	5-10	\$6,600	
Metal Panel	10%	2053 **	5	\$2,100	
Roof	10/0			Ψ2,100	
Asphalt Shingle	60%	2042 **	10	\$1,600	
Modified Bitumen	40%	2038 **	10	\$6,400	
Soffits				* *	
Masonry: Limestone	100%	LIFE **	5		
	Staining/Discoloring, Extent : Light, Ar	ea Affected : 25%			
	Location: Throughout				

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 #: 13261

Architecture		Current I	Repair	Futur	re Replacement	М	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	\$8,600				
Cast in Trace Concrete Ceramic Tile	5%		\$6,800	2036	* *	5	\$600				
Ceramic The	Broken/Missing Elements, Extent: Moderate, Area Affected: 5% Location: Toilets										
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5% Location : Toilets										
		ded, Extent 1 : Toilets	: Moderate, Area A	ffected :	10%						
Quarry Tile	1%			2038	* *	5	\$400				
Sheet Vinyl/Rubber	10%		\$7,900	2033	\$158,600	5	\$1,800				
			amage, Extent : Mo or Reading Room	oderate, .	Area Affected : 5%						
Vinyl Tile	Cracking/	Now Crumbling, 1 : 2nd Floo	\$17,400 Extent : Moderate or	2033 , Area Aj	\$87,100 ffected : 15%	3	\$1,200				
	Location		Extent : Light, Area nt And Meeting Roo Tiles		: 10%						
Vinyl Tile	52%			2033	\$348,300	3	\$6,400				
Vinyl Tile 9" X 9"	10%	Now	\$42,800	2033	\$427,900	3	\$900				
·		_	ents, Extent : Mode nt Reading Rooms	erate, Ar	ea Affected : 15%						
			Extent : Moderate nt Reading Rooms	, Area Aj	ffected : 15%						
Wood	Broken/M Location	ı : Custodia	\$14,500 nents, Extent : Mode an Office Extent : Moderate,			5	\$200				
	Location	: Custodia	ın Office	-							
	Location	ı : Custodia	**								
		ked, Exteni ı : Custodia	t : Moderate, Area A un Office	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	Futur	e Replacement	М			
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Interior Walls	5 0/		2026	יט יט	_	# 000	
Ceramic Tile	5%		2036	* *	5	\$900	
Gypsum Board Plaster	10% 80% Now	£25.200	LIFE LIFE	* *	5-10 5	\$3,100	
Plaster	80% Now Cracking/Crumbling	\$35,200 Frient: Light Are			3	\$4,400	
	Location: Baseme						
	Water Penetration, E						
		nt, 1st Floor Rear E					
Wood	5% Now	\$2,600	LIFE	* *	5	\$3,700	
Wood	Broken/Missing Elen			ea Affected : 5%		¥-,:	
	Location: 2nd Flo	or Reading Room					
	Misaligned/Bulging,		Area Aff	ected : 10%			
	Location: 2nd Flo	-					
	Water Penetration, E		lrea Affed	cted : 5%			
G '11'	Location: 2nd Flo	or Reading Room					
Ceilings	5% Now	\$2,300	2053	* *	5	\$600	
AcousTileSusp.Lay-In	Broken/Missing Elen Location : Male Bo	nents, Extent : Seve	re, Area A	Affected : 10%	3	\$000	
	Loose/Delam Surfac			cted · 20%			
	Location : Male Bo						
	Misaligned/Bulging,			ed : 40%			
	Location : Male Bo	athroom In Basemer	ıt				
Gypsum Board	5%		LIFE	* *	5-10	\$4,200	
Plaster	90% Now	\$66,400	LIFE	* *	5	\$13,800	
	Broken/Missing Elen		erate, Ar	ea Affected : 10%			
	Location: Baseme						
	Cracking/Crumbling		e, Area A <u>j</u>	fected : 10%			
- E1	Location : Baseme	nt					
e Enclosure Fence/Gates							
Iron Picket	100% 0-2	\$9,100	2053	* *			
	Corrosion/Rusting, I			cted : 10%			
	Location : Through						
	Deteriorated Finish,	Extent : Moderate,	Area Aff	ected : 25%			
	Location : Through	nout					
Free Standing Walls							
Cast in Place Concrete	100% Now	\$2,900	2053	**			
	Cracking/Crumbling Location: Through		e, Area A <u>j</u>	јестеа : 10%			
Retaining Walls	Locuiton . Through	ioni					
Cast in Place Concrete	50% Now	\$9,500	2053	* *			
Cast III I face Conclete	Cracking/Crumbling			fected : 10%			
	Location : Through		5.	,			
Masonry: Fieldstone	50%		2043	* *			
e Pavements	- * · -						

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 #: 13261

Architecture	Current R	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2038	* *			
On-Site Walkways							
Cast in Place Concrete	80% Now	\$1,700	2038	* *			
	Cracking/Crumbling,	Extent: Moderate	, Area Aff	ected : 10%			
	Location : Through	out					
	Sinking/Subsiding, Ex	tent : Moderate, A	rea Affect	ed : 5%			
	Location : Througho	out					
Steel Plate	20%		LIFE	* *	1		
Parking/Driveway							
Cast in Place Concrete	100% Now	\$5,700	2038	* *			
	Cracking/Crumbling,	Extent: Moderate	, Area Aff	ected : 10%			
	Location: Througho	out					
	Sinking/Subsiding, Ex	tent : Moderate, A	rea Affect	ed : 10%			
	Location : Through	out					

Electrical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2033	\$43,000	5	\$400	
	Other Observation, Extent : Liga	ht, Area Affected : 1	00%			
	Location: Electrical Room					
	Explanation : No Available Na	meplate Rating Cap	pacity			
Switchgear / Switchboard		·				
Molded Case Bkrs	100%	2033	\$43,000	5	\$400	
	Other Observation, Extent : Liga	ht, Area Affected : 1	00%			
	Location : Electrical Room					
	Explanation: 1 Vertical Section	ons				
Raceway						
Conduit	50%	2033	\$18,200	1		
Conduit	50%	2059	* *	1		
Panelboards						
Fused Disc Sw	10%	2032	\$2,000	5		
Molded Case Bkrs	90%	2032	\$17,800	5	\$400	
Wiring						
Thermoplastic	50%	2033	\$16,500	1		
Thermoplastic	50%	2059	* *	1		
Motor Controllers						
Locally Mounted	100%	2031	\$47,300	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$500	

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 #: 13261

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co. Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
LED	100%	2041	* *			
Egress Lighting						
Emergency, Battery	50%	2033	\$13,100	10	\$1,900	
Exit, Service	50%	2033	\$2,600	1		
Exterior Lighting						
LED	20%	2041	* *			
No Component	80%					
Alarm						
Security System						
Generic	50%	2038	* *	1	\$2,900	
	Other Observation, Extent : Light, Ar Location : Inside And Outside Explanation : CCTV Surveillance C		: 100%			
Generic	50%	2028	\$14,700	1	\$2,900	
	Other Observation, Extent: Moderat Location: Throughout The Building Explanation: Intrusion System	e, Area Affec	· ·		7 7	
Fire/Smoke Detection						
Generic, Digital	100%	2041	* *	1-3	\$9,700	

Mechanical	Cı	Current Repair		e Replacement	M	aintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2038	* *	1	\$7,800	
	Other Observe	ation, Extent : N/A, Area A	ffected :	100%			
	Location: B	asement					
	Explanation	: One Gasoline Fired Hot	Water B	oiler			
Distribution							
Hot Wtr Piping/Pump	100%		2041	* *	4	\$1,200	
Terminal Devices							
Convector/Radiator	100%		2038	* *	1	\$5,100	
Air Conditioning							
Energy Source							
Electricity	100%		2041	* *	1		
Conversion Equipment							
Interior Pkg Unit -	20%		2037	* *	2	\$200	
Cooling							
C	R-410a Refrig	gerant, Extent : Light, Area	Affected	l : 100%			
	Location : B	asement					
Window/Wall Unit	60%		2028	\$35,500	1		
No Component	20%			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 #: 13261

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
Air Conditioning								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	\$5,100	
No Component	80%							
Heat Rejection								
Air Cooled Condenser	20%			2041	* *	2	\$2,200	
Unit								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	\$4,200	
No Component	70%							
Exhaust Fans								
Interior	30%			2038	* *	2	\$100	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	50%			2031	\$23,400	4		
	Other Obs	ervation, E	xtent : N/A, Area A	ffected :	100%			
	Location	: Basemen	t Boiler Room					
	Explana	tion : One 3	80 Gallons Unit					
Gas Fired	50%			2031	\$16,900	2		
345 1 11 4 4		ervation. E	xtent : N/A, Area A			_		
			t Boiler Room	,,,				
	Explana	tion : One 4	40 Gallons Unit					
Sanitary Piping	_T w							
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	10070					-		
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	10070			2.1. 1		-		
Submersible	100%			2026	\$500	4	\$500	
Fixtures	100/0			2020	Ψ500	т	Ψ500	
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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 01-Oct-2021 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Floors 1, Mez, Att

Block : 1006 Lot : 1 BIN : 3022144

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical		\$213,200
Site Enclosure	\$74,600	
Total	\$74,600	\$213,200
Importance Code B	\$74,600	\$213,200
Total	\$74,600	\$213,200

Importance Code C	\$35,800			
Importance Code B	\$29,800	\$10,000	\$10,600	\$9,100
Importance Code A	\$77,700	\$800	\$800	\$800
Total	\$143,300	\$10,800	\$11,300	\$9,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Site Pavements	\$4,400			
Site Enclosure	\$18,200			
Mechanical	\$7,000	\$4,200	\$3,100	\$3,800
Electrical	\$2,000	\$1,500	\$1,800	\$1,800
Interior Architecture	\$30,900	\$1,200	\$2,500	\$400
Exterior Architecture	\$76,900			
EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027



Maintenance \$ are aggregated over a 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 #: 13262

System Component Type Exterior Exterior Walls	% of Total	Fail Date (Years)	Estimated Cost		Estimated Cost	Cycle	Estimated Cost	Priority
Exterior Walls				FY		(Yrs)	25000000	11101111
M D 1 -								
Masonry: Brick		Now	\$12,800	LIFE	* *	5	\$2,900	
	Efflorescence, Extent : Moderate, Area Affected : 5%							
		: Through		4.00				
	-		xtent : Severe, Ared	a Affecte	d: 10%			
		: 8th Stree	t					
Masonry: Brick	77%			LIFE	* *	5	\$55,000	
Masonry: Limestone	8%	4+	\$4,900	LIFE	**	5	\$2,100	
	-		xtent : Moderate, A	Area Affe	cted: 15%			
		: Through	out					
Masonry: Limestone	7%			LIFE	* *	5	\$3,700	
Windows	1000/	3.7	#20.200	20.40	* *	_	Φ2 000	
Aluminum	100%		\$29,200	2049		5	\$2,800	
			ct, Extent : Modera	ite, Area	Affected: 15%			
			Set Throughout	1664-	.1.200/			
			ent : Moderate, Are Set Throughout	а Ајјесте	a : 20%			
D	Locuiton	. Exterior	Set Throughout					
Parapets Not Accessible	100%							
Roof	10070							
Not Accessible	100%							
Soffits	10070							
Masonry: Limestone	100%			LIFE	* *	5	\$1,300	
nterior							· · · · · · · · · · · · · · · · · · ·	
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$5,100	
Ceramic Tile	3%			2042	* *	5	\$700	
Glass Block	5%			2061	* *	1		
	Other Obs	ervation, E	xtent : N/A, Area A	ffected :	100%			
	Location	: Mezzanii	пе					
	Explana	tion : Mate	rial Actually Glass	Panels				
Mosaic Tile		Now	\$1,000	2038	* *	5	\$600	
		issing Elem : Entry Ve.	ents, Extent : Light stibule	t, Area A	ffected : 2%			
Vinyl Tile	85%	<u> </u>		2038	* *	3	\$7,500	

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 #: 13262

Architecture		Current I	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Interior Walls	50/			LIEE	* *	_	\$600		
Concrete Masonry Unit Glass: Single Pane	5% 5%			LIFE LIFE	* *	5 5	\$600 \$1,100		
Grass: Single Pane Gypsum Board	10%	Now	\$1,100	LIFE	* *	<i>5</i>	\$1,100 \$900		
Gypsulli Boald			ents, Extent : Mod		ea Affected : 5%	3	Φ900		
		ı : Server R		0, 0,00, 11,	24 199 22 224 . 273				
	Water Pen	etration, E	xtent : Moderate, A	lrea Affe	cted : 5%				
			oom, Kitchen And						
Masonry: Brick	10%			LIFE	* *	10	\$500		
Plaster	60%	Now	\$4,800	LIFE	* *	5	\$2,700		
	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 10%				
	Location	i : Server R	oom						
Wood	5%			LIFE	* *	5	\$6,000		
Wood	5%			LIFE	* *	5	\$6,000		
Ceilings									
AcousTileSusp.Lay-In	10%			2050	* *	5	\$2,300		
Glass: Susp Panels	10%	3.7	Ø12 400	LIFE	* *	10	\$1,800		
Plaster	80%		\$12,400	LIFE		5	\$11,700		
			xtent : Moderate, A oom, Kitchen And		ciea : 5%				
Site Enclosure	Locuitor	i . Berver K	oom, Kiienen 11na	Ojjice					
Fence/Gates									
Chain Link	5%			2053	* *				
Iron Picket	95%		\$18,200	2068	* *				
		/Rusting, E i : Through	xtent : Light, Area out	Affected	: 10%				
Retaining Walls									
Cast in Place Concrete		Now	\$74,600	2068	* *				
			Extent : Moderate		ffected : 15%				
			amps And Retaining		1000/				
			Extent : Light, Area	Affected	: 100%				
		i : Various							
Site Pavements	Ехріапа	iion : Cove	red With Stucco Ce	meni					
Public Sidewalk									
Cast in Place Concrete	100%			2046	* *				
On-Site Walkways									
Cast in Place Concrete	50%	0-2	\$4,400	2046	* *				
	_	Crumbling, 1 : Steps An	Extent : Light, Are d Ramp	ea Affecte	ed : 5%				
No Component	50%								
•	Other Obs	ervation, E	Extent : N/A, Area A	Iffected :	0%				
	Location	i : Courtyai	rd						
	Explana	tion : Crusi	hed Stone						
Parking/Driveway									
Cast in Place Concrete	100%			2046	* *				

Maintenance \$ are aggregated over a 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 #: 13262

Electrical	Current Repair		Future Replacement		Maintenance					
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Under 600 Volts										
Switchgear / Switchboard										
Molded Case Bkrs	100%	2043	**	5	\$400					
	Other Observation, Extent		100%							
	Location : Electrical Room Explanation : Main Service Disconnect Switch In The Switchboard And No Available									
	Explanation : Main Servi Nameplate Rating Capac		In The Switchboar	d And No) Available					
Raceway	Trameplate Rating Capac	y								
Conduit	100%	2043	* *	1						
Panelboards										
Fused Disc Sw	5%	2041	* *	5						
Molded Case Bkrs	95%	2041	* *	5	\$400					
Wiring										
Thermoplastic	100%	2043	* *	1						
Motor Controllers										
Locally Mounted	60%	2038	* *	5	\$100					
Locally Mounted	40%	2031	\$20,800	5						
Ground										
Grounding Devices										
Generic	100%	LIFE	* *	5	\$500					
Lighting										
Interior Lighting	200/		4	4.0						
Fluorescent	30%	2033	\$57,700	10	\$4,400					
	Other Observation, Extent	**	100%							
	Location : Hallways, Bas									
	Explanation: T-8 Lamps									
Fluorescent	20%	2033	\$38,500	10	\$2,900					
	Other Observation, Extent	**	100%							
	Location: Basement, 1st	, 2nd Floor								
	Explanation: T-5 Lamps									
Fluorescent	50%	2033	\$96,200	10	\$7,300					
	Other Observation, Extent	**	100%							
	Location : Basement, Red	0								
	Explanation: Compact I	luorescent Lights								
Egress Lighting	5 00/	2022	014.500	1.0	#1 000					
Emergency, Battery	50%	2033	\$14,500	10	\$1,900					
Exit, LED	40%	2048	**	1						
Exit, Service	10%	2033	\$600	1						
Exterior Lighting	200/	2041	* *							
LED	20%	2041	T T							
No Component	80%									
Lightning Protection										
Arresters/Cabling Generic	100%	2036	* *	5	\$200					
Alarm	10070	2036		3	\$200					

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 #: 13262

Electrical	Current Repair	Future R	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm						
Security System						
Generic	100%	2033	\$32,400	1	\$5,900	
	Other Observation, Extent: N/A	A, Area Affected : 100	0%			
	Location : Reading Areas, Ha	llways, Outside Peri	meter			
	Explanation : CCTV Surveilla	nce Cameras				
Fire/Smoke Detection	-					
Generic, Analog	100%	2033	\$44,500	1-3	\$10,100	
	Other Observation, Extent: N/A	A, Area Affected : 100	0%			
	Location : Throughout The Bi	ilding				
	Explanation : Strobe Lights, M	-	Alarm Bells, Sn	ioke Dete	ectors, Horns	

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)		ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%	20	053	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		046	* *	1	\$7,900	
		xtent : N/A, Area Affec	cted :	100%			
	Location: Basemen	t Boiler Room					
	Explanation: 1 Gas	Fired Hot Water Boile	er				
Distribution							
Hot Wtr Piping/Pump	100%	20	041	* *	4	\$1,200	
Terminal Devices							
Air Handler	60%		038	* *	1	\$5,900	
Convector/Radiator	20%	20	038	* *	1	\$1,000	
Convector/Radiator	20%	20	046	* *	1	\$1,000	
Air Conditioning							
Energy Source							
Electricity	100%	20	049	* *	1		
Conversion Equipment							
Int Pkg Unit -	90%	20	034	* *	2	\$900	
Heating/Cooling							
		Extent : Light, Area Aff					
	Location: 2 Units.	Basement Mechanical	Roon	<i>1</i> .			
Window/Wall Unit	10%	20	031	\$6,500	1		
Heat Rejection							
Air Cooled Condenser	100%	20	033	\$49,900	2	\$11,100	
Unit							
Ventilation							
Distribution							
Ductwork/Diffusers	100%	L	IFE	* *	2-5	\$14,000	
Exhaust Fans						`	
Interior	90%	20	038	* *	2	\$400	
Roof	10%	20	033	\$3,300	2	\$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.

BROOKLYN PUBLIC LIBRARY - 038 PARK SLOPE/PROSPECT BRANCH LIBRARY

Asset #: 13262

Mechanical	Current	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
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2043	* *	1		
Water Heater With Tanks							
Gas Fired	100%		2031	\$18,600	2		
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, I	Extent : N/A, Area Ą	ffected :	100%			
	Location: Basemer	nt Through Mezzani	ne				
	Explanation: 1 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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Electrical	\$83,000	
Mechanical		\$253,800
Total	\$83,000	\$253,800
Importance Code B	\$83,000	\$253,800
Total	\$83,000	\$253,800

Importance Code B Importance Code C	\$26,500 \$13,900 \$2,100	\$400 \$4,100	\$400 \$2,300	\$5,500 \$43,200
Importance Code B		* * * *	*	
I C - J - D	\$26,500	\$400	\$400	\$5,500
Importance Code A				
Total	\$42,400	\$4,500	\$2,600	\$48,700
Site Pavements	\$3,700			
Site Enclosure	\$2,100			
Mechanical	\$1,500	\$2,700	\$2,100	\$19,400
Electrical	\$8,700	\$700	\$500	\$24,200
Interior Architecture	\$400	\$1,200		
Exterior Architecture	\$26,000			\$5,100
EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027



Maintenance \$ are aggregated over a 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 Rep	Current Repair Future Replaceme		ent	ent Maintenance		
System Component Type	% of Fail Date E Total (Years)	stimated Cost Ye		Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls Cast in Place Concrete	40% Now Exposed Reinforcement,	\$6,400 LII Extent : Moderate, A		**	5	\$26,900	
	Location: Underside of Spalling, Extent: Model Location: Corner At 1	rate, Area Affected : :	5%				
Glass Block	5%	LII		**	5	\$400	
Masonry: Brick	55%	LII		* *	5	\$7,400	
Parapets	3370	Lii	L			ψ7,100	
Stucco Cement	100%	20	42	* *	5	\$10,200	
Roof						•	
Modified Bitumen	100%	20	34	* *	10	\$19,600	
	Patching Evident, Exten		fected : 10%				
	Location : Throughout						
	Ponding, Extent: Light,						
	Location: Throughout		4-4-20/				
	Vegetation Growth, Exte Location: Throughout		tea : 2%				
Soffits	Location . Throughout						
Pre-Cast Concrete	100%	LII	7E	* *	5		
Interior	10070	Lii	. ш				
Floors							
Cast in Place Concrete	8%	LII	FE	* *	5	\$1,800	
Ceramic Tile	4%	20	38	* *	5	\$400	
Vinyl Tile	88%	20	34	* *	3	\$3,500	
Interior Walls							
Cast in Place Concrete	10%	LII		* *			
Concrete Masonry Unit	85%	LII		* *	5	\$4,900	
Masonry: Brick	5%	LII	EE	* *			
Ceilings AcousTileSusp.Lay-In	8%	20.	2.4	* *	5	\$800	
Acous mesusp.Lay-m	870 Staining/Discoloring, E				3	\$600	
	Location : Multipurpo						
Exposed Struc: Concrete		LII		* *	5	\$1,500	
Exposed Strue. Concret	Other Observation, Exte Location : Throughout	ent : Light, Area Affec			3	φ1,300	
	Explanation: Precast	Concrete T Sections					
Site Enclosure							
Fence/Gates	1000/ 2.4	¢2 100 20	40	* *			
Iron Picket	100% 2-4 Corrosion/Rusting, Exte Location: Throughout			* *			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100% 4+ Cracking/Crumbling, Extended to Control of the Control of			* *			
Note: All component repairs \$ estimates			notential future in	ıflation			

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	Replacement	Ма	intenance	
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, An	rea Affecte	d : 5%			
	Location: Throughout					

Electrical	Current Repair	Future	Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•	•				
Service Equipment Molded Case Bkrs	100% Other Observation, Extent: Light, Location: Electrical Room			5	\$200	
Conitate and Conitate and	Explanation : Main Service Disc	connect Switch Ri	ated At 330 Ampe	eres		
Switchgear / Switchboard Molded Case Bkrs	100% Other Observation, Extent: Light, Location: Electrical Room Explanation: One Vertical Secti		**	5	\$200	
Raceway	1					
Conduit	80%	2039	* *	1		
Conduit	20%	2049	* *	1		
Panelboards						
Molded Case Bkrs	80%	2028	\$15,800	5	\$200	
Molded Case Bkrs	20%	2045	* *	5		
Wiring	000/	2020	ale ale			
Thermoplastic	80%	2039	* *	1		
Thermoplastic	20%	2049	~ ~ ~	1		
Motor Controllers Locally Mounted	100%	2027	\$22,700	5	\$100	
Ground	100%	2027	\$23,700	3	\$100	
Grounding Devices Not Accessible	100%					
Lighting						
Interior Lighting Fluorescent	98% T-12 Lamps And Fixtures, Extent :		\$81,300 cted : 100%	10	\$6,700	
	Location: Throughout The Build					
Fluorescent	2% Compact Fluorescent Light, Exten Location : Mechanical Room	2024 at : Light, Area A <u>j</u>	\$1,700 ffected : 100%	10	\$100	
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 Repla	cement	М	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Estima FY	nted Cost	Cycle (Yrs)	Estimated Cost	Priorit
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	\$4,600	
	Other Observation, Extent .	Other Observation, Extent : Light, Area Affected : 100%				
	Location : Throughout Th	e Building				
	Explanation : Alarm Bells	And Manual Pull Stations				

Mechanical		Current Repair		e Replacement	M	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							
Furnace	60%		2034	* *	1	\$2,200	
Hot Water Boiler	40%		2042	* *	1	\$1,500	
Distribution							
Hot Wtr Piping/Pump	100%		2045	* *	4	\$600	
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	\$109,600	1	\$3,500	
Compr/Chiller							
Terminal Devices							
Air Handler/Cool/Ht	100%		2029	\$144,200	1	\$4,600	
Heat Rejection							
Dry Cooler	100%		2029	\$34,100	2	\$5,200	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,200	
Exhaust Fans							
Roof	100%		2034	* *	2	\$200	

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

Mechanical	(Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing								
H/C Water Piping								
Galvanized Steel	100%			2042	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	\$16,900	2		
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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 25-Jan-2022 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 4721 Lot : 28 BIN : 3103730

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Interior Architecture		\$202,200
Mechanical		\$115,300
Total		\$317,500
Importance Code B		\$317,500
Total		\$317,500

Total \$317,500

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$33,400		\$1,500	
Interior Architecture	\$20,000		\$2,900	\$1,200
Electrical	\$1,100	\$800	\$1,000	\$900
Mechanical	\$5,800	\$800	\$2,100	\$800
Site Enclosure	\$29,500			
Site Pavements	\$10,400			
Total	\$100,100	\$1,600	\$7,500	\$2,800
Importance Code A	\$33,600	\$200	\$1,700	\$200
Importance Code B	\$27,200	\$1,400	\$5,800	\$2,500
Importance Code C	\$39,400			
Total	\$100,100	\$1,600	\$7,500	\$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 #: 13264

Architecture	С	urrent R	epair	Futur	e Replacement	M	aintenance	
System Component Type		nil Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	92%			LIFE	* *	5	\$25,800	
Metal: Cage/Fence	5%		37/4	2046	**	5	\$3,100	
			ctent : N/A, Area A	ffected :	100%			
	Location: R		Screen Around Ro	often II.	:4			
Due Cost Commete		n : Mesn	Screen Arouna Ro	· ·	**		\$2.700	
Pre-Cast Concrete	3%			LIFE		5	\$2,700	
Windows Aluminum	100%			2049	* *	5	\$800	
Parapets	10070			2049		3	\$600	
Masonry: Brick	90%			LIFE	* *	5-10	\$22,000	
Metal Panel	10%			2053	* *	5	\$1,400	
Roof	1070			2033			ψ1,400	
Modified Bitumen	100%			2038	* *	10	\$18,300	
Soffits							4-0,000	
Cement - Fiber Panel	100%			2038	* *	10		
nterior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$1,800	
Ceramic Tile	5%			2042	* *	5	\$400	
Vinyl Tile	90%			2033	\$202,200	3	\$3,700	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	\$200	
Ceramic Tile	5%			2042	* *	5	\$100	
Gypsum Board	90%			LIFE	* *	5-10	\$2,700	
Ceilings						_		
AcousTileSusp.Lay-In	70%			2046	* *	5	\$5,700	
Gypsum Board	10%			LIFE	* *	5-10	\$2,800	
Wood	20%			LIFE	* *	5	\$28,700	
ite Enclosure								
Fence/Gates	500/	0.2	\$12,900	2042	* *			
Chain Link		0-2	\$12,900 tent : Moderate, A	2043				
		_	ar Property Line	1164 213366	леи . 1570			
I Di-14				2052	* *			
Iron Picket	50%]		\$14,100	2053				
			ents, Extent : Mode d South Gates Not					
			a souin Gaies Noi tent : Moderate, A		-			
		_	st And North Prop					
		_	Extent : Light, Ared	-				
			st And North Prop	00				
Retaining Walls		24		, 2000				
Cast in Place Concrete	100%	0-2	\$2,500	2068	* *			
			Extent : Light, Are		ed : 5%			
				JJ 0 C	and the second s			

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 #: 13264

Architecture	Current Repair		Future Replacement		М				
system Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
ite Pavements									
Public Sidewalk									
Cast in Place Concrete	100%		2046	* *					
On-Site Walkways									
Cast in Place Concrete	100%		2046	* *					
Parking/Driveway									
Asphalt	100% Now	\$10,400	2042	* *					
	Misaligned/Bulging, E	Extent : Moderate,	Area Aff	fected : 15%					
	Location: South Side Driveway								
	Other Observation, Ex	tent : Moderate, A	1rea Affe	cted : 15%					
	Location : South Sid	e Driveway							
	Explanation: Driveway Poorly Pitched, Causing Water To Enter Through Side Door								
	During Rain Storm								
Activity Yard									
Cast in Place Concrete	60%		2046	* *					
Pavers/Stone	40%		2042	* *					

Electrical		Current F	Repair	Future Replacement Maintenance		aintenance		
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%			2033	\$3,700	5		
			xtent : N/A, Area A	ffected :	100%			
	Location	: Electrica	al Room					
	Explanati	ion : Main	Service Switch Ra	ted At 20	00 Amperes			
Raceway								
Conduit	90%			2033	\$32,800	1		
Conduit	10%			2053	* *	1		
Panelboards								
Molded Case Bkrs	75%			2049	* *	5	\$200	
Molded Case Bkrs	25%			2032	\$4,900	5	\$100	
Wiring								
Thermoplastic	75%			2053	* *	1		
Thermoplastic	25%			2033	\$8,200	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
Lighting								
Interior Lighting								
LED	100%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	\$1,100	
Exit, Service	50%			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 #: 13264

Electrical	Current Re	pair Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date F Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Exterior Lighting						
LED	25%	2033	\$11,900			
No Component	75%					
Alarm						
Security System						
Generic	100%	2038	* *	1	\$3,400	
	Other Observation, Ext	ent : N/A, Area Affected	: 100%			
	Location : Throughou	ıt The Building				
	Explanation : Surveil	lance Cameras				
Fire/Smoke Detection						
Generic, Digital	100%	2038	* *	1-3	\$5,500	

Mechanical	Current Repair	Future Re	eplacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	•					
Energy Source						
Electricity	5%	2059	* *	1		
Natural Gas	95%	2059	* *	1		
Conversion Equipment						
Hot Water Boiler	40%	2031	\$37,900	1	\$1,800	
	Other Observation, Extent : Light, Area Location : Basement - Boiler Room	a Affected : 10	0%			
	Explanation: 1 Unit, 525 Mbh Outpu	t, Perimeter H	leat			
Radiant Heater	5%	2043	* *	2	\$200	
	Other Observation, Extent: N/A, Area Location: Toilet Rooms Explanation: Electric Cabinet Unit 1		%			
No Component	55%					
rve component	Other Observation, Extent: N/A, Area Location: N/A	Affected : 0%				
	Explanation : Heating By Gas-fired I Reported Under Air Conditioning	Rooftop Unit A	nd Variable Re	efrigeran	t Flow System,	
Distribution						
Hot Wtr Piping/Pump	100% Now \$3,500	2041	* *	4	\$400	
	Unbalanced System, Extent : Moderate Location : Throughout - Hot Water N			inal Uni	ts	
Terminal Devices						
Convector/Radiator	100%	2050	* *	1	\$2,900	
Controls						
Digital	100%	2032	\$115,300			
ir Conditioning						
Energy Source						
Electricity	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.

BROOKLYN PUBLIC LIBRARY - 038 RUGBY BRANCH LIBRARY

Asset #: 13264

Mechanical	Current Repair Future Rep		lacement	Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Conversion Equipment Heat Pump Air Sourced	40% Other Observation, Extent: N/A, A Location: Roof	2037 Area Affected : 100%	* *	2	\$200	
	Explanation : Variable Refrigera	ant Flow Outdoor Un	it, 3- pipe, 10	Tons Ap	proximately	
Ext Pkg Unit - Heating/Cooling	60%	2041	* *	2	\$300	
	Other Observation, Extent: N/A, A Location: Roof Explanation: 1 Unit, 20 Tons, G					
Distribution	Exprenential 1 Citil, 20 10ns, G	as Heat				
Ductwork/Diffusers No Component	50% 50%	LIFE	* *	2	\$7,300	
Terminal Devices Fan Coil - 2 Pipe	50% Other Observation, Extent: N/A, A Location: Throughout	2041 Area Affected : 100%	* *	1	\$1,500	
	Explanation: 3-pipe Variable Re	efrigerant Flow Indoo	or Units. Cei	ling Cas	sette Fan Coils	
No Component	50%	<i>y</i>				
Ventilation Distribution Ductwork/Diffusers	5% Other Observation, Extent: N/A, A Location: Toilet Rooms	LIFE Area Affected : 100%	**	2-5	\$400	
No Component	Explanation : Exhaust Air 95%					
Exhaust Fans Roof No Component	5% 95%	2041	* *	2		
Plumbing						
H/C Water Piping Brass/Copper Brass/Copper	80% 20% Other Observation, Extent: N/A, A Location: Basement - Boiler Ro Explanation: Domestic Water P	om	* * * * Service	1		
Water Heater With Tanks						
Gas Fired	100% Other Observation, Extent: N/A, 2 Location: Basement - Boiler Ro Explanation: 1 Unit, 40 Gallons	om	\$16,900	2		
Sanitary Piping	=p.m.m.m. 1 Omi, 10 Omions	.,				
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		
Sump Pump(s) Submersible	100%	2028	\$300	4	\$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 RUGBY BRANCH LIBRARY

Asset #: 13264

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

Plumbing

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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 21-May-2021 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 6548 Lot : 37 BIN : 3172049

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$50,200	\$167,200
Interior Architecture	\$54,000	
Mechanical	\$455,700	
Total	\$559,800	\$167,200
Importance Code A	\$50,200	\$167,200
Importance Code B	\$509,700	
Total	\$559,800	\$167,200

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$25,800			\$300
Interior Architecture	\$2,200	\$1,900		\$800
Electrical	\$17,400	\$1,100	\$1,000	\$2,500
Mechanical	\$2,900	\$2,300	\$1,100	\$52,400
Total	\$48,200	\$5,300	\$2,100	\$56,000
Importance Code A	\$25,800	\$1,000		\$1,400
Importance Code B	\$22,200	\$4,300	\$2,100	\$54,500
Importance Code C	\$200			
Total	\$48,200	\$5,300	\$2,100	\$56,000



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 #: 13265

Architecture		Current l	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	
xterior									
Exterior Walls									
Cast in Place Concrete	8%			LIFE	* *	5	\$3,400		
Masonry: Brick	90%			LIFE	* *	5	\$7,500		
Metal Panel	2%			2042	* *	5-10	\$1,200		
Windows	0.70/		** • • • • • • • • • • • • • • • • • •	• • • • •		_	** * * * * * * * * *		
Aluminum	Air Infiltro	: Staff Kit				5	\$1,400		
	Unit Inoperable, Extent : Moderate, Area Affected : 75% Location : Windows With Security Bar								
	Weather S		g, Extent : Modera		Affected : 25%				
Metal Louvers	5%			2041	* *	10	\$900		
Roof	270			2011		10	Ψ,00		
	Location Patching I Location Ponding, I Location	: Roof Evident, Ex a : Through Extent : Mo a : Through	oderate, Area Affect	rea Affec ted : 5%	ted : 25%				
		: Rear Ext		55					
Soffits									
Cast in Place Concrete	100%			LIFE	* *	5			
terior Floors									
Cast in Place Concrete	7%			LIFE	* *	5	\$1,300		
Ceramic Tile			\$300 nents, Extent : Mode lets	2041 erate, Ar	* * ea Affected : 5%	5	\$100		
Quarry Tile	5%			2045	* *	5	\$600		
Vinyl Tile	10%			2037	* *	3	\$300		
Vinyl Tile 9" X 9"	75% Cracking/	_	\$54,000 Extent : Light, Are	2042	* * ed : 5%	3	\$2,300		
		: Throuhg		1.00	. 1 150/				
	_		tent : Moderate, Ai						
		_	out, Patch With 12:	-					
			ctent : Moderate, A r To Rear Administ						

Maintenance \$ are aggregated over a 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 I	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Interior Walls									
Ceramic Tile		Now	\$200	2041	* *	5	\$100		
		_	ents, Extent : Mode	erate, Ar	ea Affected : 5%				
	Location	ı : Staff Baı	hroom						
Concrete Masonry Unit	40%			LIFE	* *	5	\$1,200		
Gypsum Board	52%			LIFE	* *	5	\$2,300		
Masonry: Brick	5%			LIFE	* *				
Ceilings									
AcousTile,Adhered	35%			2045	* *	5	\$2,900		
AcousTileSusp.Lay-In	50%		\$1,400	2045	* *	5	\$2,100		
	Misaligne	d/Bulging,	Extent : Severe, Ar	ea Affect	ed : 5%				
	Location	ı : Rear Exi	t						
		Discoloring, 1 : Through	Extent : Light, Are out	ea Affecto	ed : 5%				
		_	xtent : Light, Area	Affected	: 5%				
		ı : Rear Exi	-	55					
Exposed Struc: Steel	5%			LIFE	* *				
Gypsum Board	10%		\$300	LIFE	* *	5	\$1,000		
Зургин Веш и			xtent : Light, Area		: 5%	C	\$1,000		
		ı : Main Pu	-	33					
Site Enclosure			*						
Fence/Gates									
Iron Picket	100%			2067	* *				
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100%			2045	* *				
On-Site Walkways									
Cast in Place Concrete	100%			2049	* *				
Parking/Driveway									
Cast in Place Concrete	100%			2045	* *				

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2032	\$43,000	5	\$300	
	Other Observation, Extent: N/A, Area	Affected : 1	100%			
	Location: Electrical Room					
	Explanation : Main Service Disconne	ct Switch R	Rated At 350 Amp	eres.		
Switchgear / Switchboard			_			
Molded Case Bkrs	100%	2032	\$43,000	5	\$300	
Raceway						
Conduit	90%	2032	\$32,800	1		
Conduit	10%	2052	* *	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

Electrical	Current Repair	Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Panelboards							
Fused Disc Sw	5%	2031	\$1,000	5			
Molded Case Bkrs	75%	2031	\$14,800	5	\$200		
Molded Case Bkrs	20%	2048	* *	5	\$100		
Wiring	500/ 2 4	01 (5 0 0 0 0 5 7	* *				
Braided Cloth	50% 2-4	\$16,500 2057		1			
	Insulation Aged, Extent: M		d: 100%				
	Location: Throughout Th						
Thermoplastic	20%	2052	**	1			
Thermoplastic	30%	2032	\$9,900	1			
Motor Controllers	1000/	2020	Ф.4 7. 200	-	#100		
Locally Mounted	100%	2030	\$47,300	5	\$100		
Ground							
Grounding Devices	1000/	LIEE	* *	5	\$200		
Generic	100%	LIFE		5	\$200		
Lighting Interior Lighting							
LED	100%	2040	* *				
LED	Other Observation, Extent :		100%				
	Location : Throughout Th	***	100,0				
	Explanation : LED Lights	-					
Egress Lighting	1						
Emergency, Battery	50%	2037	* *	10	\$1,300		
Exit, LED	30%	2060	* *	1			
Exit, Service	20%	2037	* *	1			
Exterior Lighting							
LED	20%	2040	* *				
No Component	80%						
Alarm							
Security System							
No Component	30%						
Generic	70%	2037	* *	1	\$2,800		
	Other Observation, Extent:		100%				
		Location: Reading Areas, Outside Perimeter					
	Explanation: CCTV Surv	eillance Cameras					
Fire/Smoke Detection							
Generic, Analog	100%	2037	* *	1-3	\$6,600		
	Other Observation, Extent:	**	100%				
	Location : Throughout Th						
	Explanation : Strobe Ligh	ts, Manual Pull Statio	ons, Alarm Bells, S	moke De	tectors, Horns		

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Da Total (Year	te Estimated Cost	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 #: 13265

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Energy Source Electricity	Location	: Through				1		
			supply Has Been Si tute Of Heating So		or More Than A Ye	ar Due 1	o Gas Leaks.	
Conversion Equipment Radiant Heater	100% Other Obse	ervation, E : 1st Floor tion : Boile	Extent : N/A, Area A Equipment Room	2037 Iffected : And Roof		2 e Out Of	\$5,000 Service Without	
Air Conditioning								
Energy Source Electricity	100%			2040	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	30%	0-2	\$2,700	2027	\$53,400	2	\$200	
	Location R-22 Refri	: Roof	t : Moderate, Area tent : Light, Area A t, Roof					
Split Unit	70% R-22 Refrig Location Other Obso	2-4 igerant, Ext : 3 Units, ervation, E : 1st Floor	\$176,100 tent : Light, Area A Ist Floor Equipme Extent : Moderate, A r Equipment Room fficient Units	nt Room				
Terminal Devices			<i>.</i>					
Fan Coil - 2 Pipe No Component	70% 30%			2027	\$226,200	1	\$2,400	
Heat Rejection Air Cooled Condenser Unit	70%			2027	\$21,500	2	\$5,200	
No Component	30%							
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,000	
Exhaust Fans	10070			LIII		2-3	\$0,000	
Interior	50%			2027	\$23,500	2	\$200	
Roof	25%			2027	\$5,100	2	\$100	
Roof	25%			2037	**	2	\$100	
Plumbing				-				
H/C Water Piping Brass/Copper	100%			2042	* *	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 RYDER BRANCH LIBRARY

Asset #: 13265

Mechanical	Current Repa	ir Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Plumbing							
Sanitary Piping							
Cast Iron	100%	LIFE	* *	1			
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1			
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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Interior Architecture	\$86,700	
Mechanical		\$439,100
Site Pavements		\$75,000
Total	\$86,700	\$514,100
Importance Code B	\$86,700	\$439,100
Importance Code C		\$75,000
Total	\$86,700	\$514,100

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$49,300			\$17,000
Interior Architecture	\$34,400			\$1,300
Electrical	\$11,600	\$500	\$300	\$300
Mechanical	\$14,900	\$3,300	\$2,300	\$20,000
Site Enclosure	\$2,700			
Site Pavements	\$4,800			
Total	\$117,700	\$3,800	\$2,600	\$38,600
Importance Code A	\$49,900	\$500	\$500	\$17,500
Importance Code B	\$29,300	\$3,300	\$2,100	\$21,100
Importance Code C	\$38,500			
Total	\$117,700	\$3,800	\$2,600	\$38,600



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.

BROOKLYN PUBLIC LIBRARY - 038 SARATOGA BRANCH LIBRARY

Asset #: 13266

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date E Total (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls Masonry: Brick	75% Now Joint Mortar Miss/Erod Location: Throughou Water Penetration, Exte Location: Throughou	, Extent : Moderate, t ent : Moderate, Area			5	\$11,800	
Masonry: Limestone Metal Panel	20% 5% Now Corrosion/Rusting, Exte Location: Metal Pane Deteriorated Finish, Ex Location: Metal Pane	\$1,000 2 ent : Moderate, Area el Covers At South A tent : Moderate, Ara	1nd Ea. ea Affe	st Facades cted : 25%	5 5	\$2,400 \$1,500	
Windows							
Glass Block Metal Louvers Wood	5% 2% 93%	2	038 037	* * * *	5 10 5	\$100 \$500 \$34,000	
Parapets Masonry: Limestone	100%	L	IFE	* *	5	\$3,300	
Roof Slate	100%	L	IFE	* *			
Soffits Cast Stone/Terra Cotta	100%	L	IFE	* *	5		
Interior Floors Cast in Place Concrete Ceramic Tile	10% 5% Worn/Eroded, Extent : 1 Location : Toilets Thre	2 Light, Area Affected	DIFE 038 : 5%	* *	5 5	\$2,700 \$600	
Vinyl Tile	85% Now Cracking/Crumbling, E. Location: At Main En Worn/Eroded, Extent: N Location: First Floor	\$86,700 2 xtent : Moderate, An strance Moderate, Area Affe	-		3	\$4,000	
Interior Walls							
Ceramic Tile Concrete Masonry Unit Masonry: Brick	20% Now Diagonal Cracks, Exten Location: Area Way Water Penetration, Exte Location: Area Way	L \$16,000 L at : Moderate, Area ant : Moderate, Area	ı Affect		5 5	\$1,100 \$400	
Plaster	70% Now Cracking/Crumbling, E. Location: Throughou Water Penetration, Exte	xtent : Moderate, Ai t ent : Moderate, Area			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

rchitecture Current Repair		Repair	Future Replacement		Maintenance			
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%		\$2,700	2049	**			
		Corrosion/Rusting, Extent: Moderate, Area Affected: 15%						
	Location	ı : Through	out					
Free Standing Walls								
Masonry: Brick	100%			2039	* *			
Retaining Walls								
Cast in Place Concrete	100%			2049	* *			
ite Pavements								
Public Sidewalk								
Cast in Place Concrete		Now	\$2,800	2034	* *			
	-	Crumbling, 1 : Through	Extent : Moderate out	, Area A <u>j</u>	fected : 5%			
		ıbsiding, E: ı : At Trees	xtent : Moderate, A	rea Affec	eted : 5%			
On-Site Walkways								
Cast in Place Concrete	50%	Now	\$1,200	2034	* *			
	Cracking/	Crumbling,	Extent : Moderate	, Area Aj	fected : 10%			
	Location	i : Through	out					
Masonry: Granite	10%	4+	\$900	LIFE	* *			
J. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.			od, Extent : Moder		Affected : 10%			
		: Entry Sta		-				
Pavers/Stone	40%			2032	\$75,000			
Parking/Driveway								
Asphalt	100%			2032				

lectrical	Current Repair		placement	Maintenance		
vstem Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2049	* *	5		
	Other Observation, Extent : Light	ht, Area Affected : 100	0%			
	Location: Electrical Room					
	Explanation: One 400 Ampere	Main Disconnect Sw	vitch			
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 Replacement	IV	laintenance
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost Priority
Under 600 Volts				
Panelboards				
Fused Disc Sw	5%	2045 **	5	#2 00
Molded Case Bkrs	95%	2045 **	5	\$300
Wiring	100%	2049 **	1	
Thermoplastic Motor Controllers	100%	2049	1	
Locally Mounted	100%	2042 **	5	\$100
Ground	10070	2042		\$100
Grounding Devices				
Generic	100%	LIFE **	5	\$200
Lighting				·
Interior Lighting				
Fluorescent	70%	2034 **	10	\$6,900
	T-12 Lamps And Fixtures, Extent: Location: Throughout The Build			
Fluorescent	25%	2034 **	10	\$2,500
	T-8 Lamps And Fixtures, Extent : L Location : Throughout The Build	0		
Fluorescent	2%	2034 **	10	\$200
	Compact Fluorescent Light, Extent Location : Boiler And Storage Ro			
Fluorescent	3%	2034 **	10	\$300
	T-9 Lamps And Fixtures, Extent : L Location : Hallways	ight, Area Affected : 100%		
Egress Lighting				
Emergency, Battery	50%	2034 **	10	\$1,300
Exit, Service	50%	2034 **	1	
Exterior Lighting HID	100%	2034 **	10	
Alarm				
Security System	700/			
No Component	70%	2024 **		#1.200
Generic	30%	2034	1	\$1,200
	Other Observation, Extent : Light, Location : Inside And Outside Th			
	Explanation : CCTV Surveillance	<u>e</u>	Motion	Sensor
Fire/Smoke Detection	Explanation . CC1 r Sui vettiance	Cameras, ma aston Atarii Alli	1v10ttOtt k	Jenson
No Component	70%			
Generic, Digital	30%	2037 **	1-3	\$2,000
, ,				

Mechanical	Current Re	pair Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source	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 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Heating								
Conversion Equipment								
Hot Water Boiler	Location		Extent : Light, Area at Boiler Room it	2034 Affected	**: 100%	1	\$5,300	
Distribution								
Hot Wtr Piping/Pump	100%			2037	* *	4	\$800	
Terminal Devices								
Air Handler	40%			2029	\$79,700	1	\$2,600	
Convector/Radiator	60%			2034	* *	1	\$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	\$156,300	1	\$5,000	
•	R-22 Refri	gerant, Ex	tent : Light, Area A	ffected :	100%			
	Location	: 2 Units.	2nd Floor New Ex	tension				
Terminal Devices								
Air Handler/Dir	100%	0-2	\$4,100	2029	\$203,100	1		
Expansion								
_	Leak Evide	ent, Extent	: Moderate, Area	Affected :	5%			
	Location	: Bottom (Of The Unit, Basen	ient				
Heat Rejection								
Dry Cooler	100%			2029	\$48,600	2	\$7,400	
/entilation								
Distribution								
Ductwork/Diffusers	100%	0-2	\$9,300	LIFE	* *	2-5	\$6,000	
	Unbalance	d System,	Extent : Moderate,	Area Aff	ected : 20%			
	Location	: Various	Locations					
Exhaust Fans								
Interior	100%			2029	\$47,000	2	\$300	
lumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	\$16,900	2		
Sanitary Piping					, - 5			
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures	10070							
Generic	100%							
Vertical Transport	100/0							

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	Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Vertical Transport

Elevators

Hydraulic 100% LIFE **

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

Location: 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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$60,300	
Interior Architecture		\$269,200
Total	\$60,300	\$269,200
Importance Code A	\$60,300	
Importance Code B		\$269,200
Total	\$60,300	\$269,200

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$21,100	\$8,000		
Interior Architecture	\$30,900			\$1,200
Electrical	\$100	\$1,200	\$200	\$100
Mechanical	\$1,900	\$24,300	\$2,700	\$900
Site Pavements	\$9,100			
Total	\$63,000	\$33,500	\$2,800	\$2,200
Importance Code A	\$21,500	\$8,500	\$400	\$400
Importance Code B	\$41,600	\$25,000	\$2,500	\$1,800
Importance Code C				
Total	\$63,000	\$33,500	\$2,800	\$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 SPRING CREEK BRANCH LIBRARY

Asset #: 13267

Architecture	Current Repair		Futur	e Replacement	Maintenance		
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls					_		
Masonry: Brick		2-4 \$21,100	LIFE	**	5	\$12,900	
	Location : T	Miss/Erod, Extent : Moder hroughout	ate, Area	Affected: 25%			
Metal Panel	10%		2040	* *	5-10	\$11,100	
Metal: Cage/Fence	5%		2035	* *	5	\$3,500	
Window Wall	5%		2040	* *	5	\$3,000	
Parapets							
Masonry: Brick	50%		LIFE	* *	5	\$900	
Metal Panel	50%		2050	* *	5	\$3,400	
Roof							
Modified Bitumen		0-2 \$60,300	2035	* *			
	Blisters, Exter Location : T	nt : Moderate, Area Affecte hroughout	ed : 20%				
Skylight, Metal/Glass	10%		2050	* *	10	\$6,900	
Soffits							
Stucco Cement	100%		2035	* *	5		
Interior							
Floors	-0.4				_	44.400	
Cast in Place Concrete		0-2 \$900 mbling, Extent : Moderate Goiler Room	LIFE , Area A <u>f</u>	* * fected : 10%	5	\$1,200	
Ceramic Tile	Cracking/Cru Location : T	4+ \$3,100 mbling, Extent : Light, Are oilets Throughout			5	\$300	
		Extent : Light, Area Affect Soilets Throughout	ted : 100	%			
Vinyl Tile	, , , ,	4+ \$26,900 Surface, Extent : Light, Ar Throughout	2030 ea Affect	\$269,200 ed : 15%	3	\$3,700	
	Patching Evia Location : T	lent, Extent : Light, Area A hroughout	ffected :	10%			
		Extent : Light, Area Affect	ted : 100	%			
Interior Walls	<u> </u>						
Concrete Masonry Unit	90%		LIFE	* *	5	\$4,100	
Masonry: Brick	10%		LIFE	* *	-	÷ -, 0	
Ceilings	-						
AcousTileSusp.Lay-In	95%		2043	* *	5	\$10,600	
Exposed Struc: Steel	5%		LIFE	* *			
Site Enclosure							
Fence/Gates							
Iron Picket	100%		2065	* *			
Site Pavements							

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	Current Repa	ir	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100% 2-4	\$9,100	2043	* *			
	Cracking/Crumbling, Exte	nt : Light, Are	ea Affecte	ed : 10%			
	Location : Along Flatlan	ds Avenue					
On-Site Walkways							
Cast in Place Concrete	25%		2043	* *			
Pavers/Stone	75%		2039	* *			

Electrical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2050	* *	5	\$200	
	Other Observation, Extent .		: 100%			
	Location: Electrical Room					
	Explanation: One 400 Ar	npere Main Disconne	ct Switch			
Switchgear / Switchboard	1000/	20.50	* *	_	#200	
Molded Case Bkrs	100%	2050	* *	5	\$200	
Raceway	1000/	2050	* *	1		
Conduit	100%	2050	* * *	1		
Panelboards	100/	2046	* *	_		
Fused Disc Sw Molded Case Bkrs	10% 90%	2046 2046	* *	5 5	\$200	
Wiring Wiring	90%	2040		3	\$200	
Thermoplastic	100%	2050	* *	1		
Motor Controllers	10070	2030		1		
Locally Mounted	50%	2043	* *	5		
Variable Frequency	50%	2043	* *	3		
Drive	3070	2013				
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
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.		: 100%			
	Location : Outside Perimo					
	Explanation: Controlled	Via 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	Curren	t Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm							
Security System							
No Component	70%						
Generic	30%		2035	* *	1	\$800	

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	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	\$3,700	
Distribution						
Hot Wtr Piping/Pump	100%	2038	* *	4	\$400	
Terminal Devices						
Convector/Radiator	5%	2035	* *	1	\$100	
No Component	95%	4 400 . 1	00/			
	Other Observation, Extent: Light,	Area Affected :	U%			
	Location: Mechanical Room		C 1:4:	-4		
A '- C - I'd' '-	Explanation : Air Handler Is Co	verea Unaer Air	Conditioning Sys	stem		
Air Conditioning						
Energy Source Electricity	100%	2046	* *	1		
Terminal Devices	10070	2040	•	1		
Air Handler/Cool/Ht	100%	2038	* *	1	\$4,600	
7111 Handiel/Cool/11t	Other Observation, Extent : Light,		100%	1	ψ τ, υυυ	
	Location : Mechanical Room					
	Explanation : New Equipment					
Heat Rejection	A A A					
Air Cooled Condenser Unit	100%	2038	* *	2	\$5,200	
	Other Observation, Extent : Light,	Area Affected :	100%			
	Location : Mechanical Room					
	Explanation : New Equipment					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,200	
Exhaust Fans						
Interior	10%	2030	\$3,300	2		
Roof	90%	2035	* *	2	\$200	
Plumbing						
H/C Water Piping	200/	2050	ملد بات			
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

lechanical	Current Repair	Future F	Replacement	Ma	aintenance	
ystem Component Type	% of Fail Date Estimated Co. Total (Years)	st Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing						
Water Heater With Tanks						
Electric	100%	2025	\$23,400	4		
	Other Observation, Extent : Light, Ar	rea Affected : 1	00%			
	Location: 1st Floor Mechanical Ro	oom				
	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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 20-Oct-2021 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3794 Lot : 18 BIN : 3084596

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical		\$7,900
Total		\$7,900
Importance Code B		\$7,900
Total		\$7.900

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$58,600			
Interior Architecture	\$79,300		\$3,400	\$1,400
Electrical	\$11,900	\$1,300	\$1,600	\$1,500
Mechanical	\$8,300	\$2,300	\$4,700	\$2,000
Site Enclosure	\$15,300			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$177,400	\$7,600	\$13,700	\$8,800
Importance Code A	\$59,300	\$700	\$700	\$700
Importance Code B	\$72,500	\$6,900	\$12,500	\$8,100
Importance Code C	\$45,600		\$600	
Total	\$177,400	\$7,600	\$13,700	\$8,800



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 #: 13268

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	85%			LIFE	* *	5	\$50,000		
Masonry: Limestone	15%			LIFE	* *	5	\$6,600		
Windows									
Aluminum	100%			2049	* *	5	\$6,500		
Parapets									
Masonry: Brick	85%			LIFE	* *	5-10	\$23,800		
Masonry: Limestone	15%			LIFE	* *	5-10	\$7,500		
Roof									
Modified Bitumen	100%			2038	* *	10	\$14,100		
Soffits									
Masonry: Limestone	100%			LIFE	* *	5			
nterior									
Floors									
Carpet	20%			2032	\$57,400	3	\$4,900		
Cast in Place Concrete	3%			LIFE	* *	5	\$2,100		
Ceramic Tile	5%			2046	* *	5	\$800		
Vinyl Tile	69%	2-4	\$6,200	2038	* *	3	\$4,200		
	_	Crumbling, : Through	Extent : Light, Are out	ea Affecte	ed : 3%				
Wood	3%	Now	\$29,000	2073	* *	5	\$500		
	Poor Subf Location Water Pen	loor Evider : Mechant etration, E	ical Room On Secont, Extent : Severe, ical Room On Secont tent : Severe, Area tent : Severe, Area tical Room On Secont	Area Affe nd Floor 1 Affected	ected : 50% d : 25%				
Interior Walls									
Ceramic Tile	5%			2046	* *	5	\$1,100		
Gypsum Board	20%			LIFE	* *	5-10	\$7,600		
Masonry: Fieldstone	5%	4+	\$2,000	LIFE	* *				
·	Location	ervation, E : Mechant tion : Peeli		Area Affe	cted : 100%				
Plaster	50% Cracking/	2-4 Crumbling,	\$5,400 Extent : Light, Are r Reading Room	LIFE ea Affecte	* * ed : 5%	5	\$3,400		
Wood	20%			LIFE	* *	5	\$35,700		
Ceilings							,,,,,		
AcousTileSusp.Lay-In	10%			2046	* *	5	\$1,600		
Gypsum Board	15%			LIFE	* *	5-10	\$8,400		
Plaster	75%	2-4	\$7,400	LIFE	* *	5	\$7,700		
I tubici	Cracking/	Crumbling,	Extent : Light, Are r Reading Room		ed : 5%	5	ψ1,100		
	Paint Peel		: Moderate, 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 #: 13268

Architecture	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	
Site Enclosure								
Fence/Gates								
Iron Picket	100% Now	\$15,300	2068	* *				
	Broken/Missing Eleme	ents, Extent : Seve	re, Area .	Affected : 5%				
	Location : Dumont A	lvenue						
	Corrosion/Rusting, Extent: Moderate, Area Affected: 10%							
	Location : Various		-					
	Impact Damage, Exter	nt : Light, Area Af	fected : 5	5%				
	Location : Mother G	0 . 55						
Retaining Walls								
Cast in Place Concrete	100%		2053	* *				
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%		2038	* *				
Pavers/Stone	10%		2036	* *				

% of I							
Total	Fail Date Estin (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%			2033	\$43,000	5	\$400	
Other Obse	rvation, Extent :	N/A, Area Aj	ffected :	100%			
Location .	: Electrical Roor	n					
Explanati	on : Main Servic	e Disconnec	t Switch	Rated At 400 Amp	eres.		
				\$4,300	5		
90%			2033	\$38,700	5	\$300	
80%			2033	\$29,200	1		
20%			2053	* *	1		
10%			2049	* *	5		
70%			2032	\$13,800	5	\$300	
20%			2049	* *	5	\$100	
20%			2053	* *	1		
80%			2033	\$26,400	1		
100%			2046	* *	5	\$100	
100%	2-4	\$10,300	LIFE	* *	5	\$200	
Other Obse	rvation, Extent :	Moderate, A	rea Affe	ected : 100%			
Location .	: Metal Water Pi	pe					
Explanati	on : Corroded						
	100% Other Obse Location . Explanati 10% 90% 80% 20% 10% 20% 20% 80% 100% 100% Cother Obse Location .	100% Other Observation, Extent: Location: Electrical Roon Explanation: Main Service 10% 90% 80% 20% 10% 70% 20% 100%	100% Other Observation, Extent: N/A, Area A, Location: Electrical Room Explanation: Main Service Disconnect 10% 90% 80% 20% 10% 70% 20% 20% 100% 100% 100% 100% Location: Metal Water Pipe	100% 2033 Other Observation, Extent : N/A, Area Affected : Location : Electrical Room Explanation : Main Service Disconnect Switch 10% 2033 90% 2033 80% 2033 20% 2053 10% 2049 70% 2032 20% 2049 20% 2049 20% 2033 100% 2046 100% 2-4 \$10,300 LIFE Other Observation, Extent : Moderate, Area Affected : Metal Water Pipe	100% 2033 \$43,000 Other Observation, Extent : N/A, Area Affected : 100% Location : Electrical Room Explanation : Main Service Disconnect Switch Rated At 400 Amp 10% 2033 \$4,300 90% 2033 \$38,700 80% 2033 \$29,200 20% 2053 ** 10% 2049 ** 70% 2032 \$13,800 20% 2049 ** 20% 2049 ** 20% 2033 \$26,400 100% 2046 ** 0ther Observation, Extent : Moderate, Area Affected : 100% Location : Metal Water Pipe	100% 2033 \$43,000 5 Other Observation, Extent: N/A, Area Affected: 100% Location: Electrical Room Explanation: Main Service Disconnect Switch Rated At 400 Amperes. 10% 2033 \$4,300 5 90% 2033 \$38,700 5 80% 2033 \$29,200 1 20% 2053 ** 1 10% 2049 ** 5 70% 2032 \$13,800 5 20% 2049 ** 5 20% 2049 ** 5 20% 2033 \$26,400 1 100% 2046 ** 5 Other Observation, Extent: Moderate, Area Affected: 100% Location: Metal Water Pipe	100% 2033

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 #: 13268

Electrical	Cur	Current Repair		Future Replacement		Maintenance				
System Component Type		Date Estimated Cost ars)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Lighting										
Interior Lighting										
Fluorescent	5%		2038	* *	10	\$700				
	Other Observation, Extent: N/A, Area Affected: 100%									
	Location : Me									
	Explanation:	T-8 Lamps				***				
Fluorescent	88%		2038	**	10	\$11,500				
	Other Observation, Extent: N/A, Area Affected: 100%									
	Location : Reading Areas Explanation : Compact Fluorescent Lights									
71		Compact Fluorescent L		Ф2 200	1.0	#200				
Fluorescent	2%		2028	\$3,200	10	\$300				
		Other Observation, Extent: N/A, Area Affected: 100%								
		Location : Mechanical Room Explanation : T-12 Lamps								
El .		1-12 Lamps	2022	¢4.700	1.0	# 400				
Fluorescent	3%	: F N/A A	2033	\$4,700	10	\$400				
	Other Observation, Extent : N/A, Area Affected : 100% Location : Basement									
	Explanation : T-9 Lamps									
LED	2%	1-9 Lumps	2041	* *						
Egress Lighting	270		2041							
Emergency, Battery	50%		2038	* *	10	\$1,700				
Exit, LED	50%		2061	* *	1	\$1,700				
Exterior Lighting	3070		2001		-					
HID	25%		2033	\$16,500	10					
No Component	75%			4-0,000						
Alarm										
Security System										
Generic	100%		2038	* *	1	\$5,300				
	Other Observation, Extent : N/A, Area Affected : 100%									
	Location : Reading Areas And Hallways									
	Explanation:	CCTV Surveillance Car	meras							
Fire/Smoke Detection										
Generic, Analog	100%		2038	* *	1-3	\$8,800				
	Other Observation, Extent: N/A, Area Affected: 100%									
		Location : Throughout The Building Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns								
	Explanation :	Strobe Lights, Manual I	Pull Station	s, Atarm Bells, S	moke De	tectors, Horns				

Mechanical	Curren	t Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Dat Total (Years	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source Natural Gas	100%		2053	* *	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

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Dat Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Hot Water Boiler	100% Other Observation, Location : Basem Explanation : 1 U		2046 Affected :	**	1	\$7,100	
Distribution Hot Wtr Piping/Pump	100%		2049	* *	4	\$1,100	
Terminal Devices Air Handler Convector/Radiator	60% 40%		2038 2038	* *	1 1	\$5,300 \$1,800	
Air Conditioning Energy Source Electricity	100%		2049	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	80%		2038	* *	1	\$5,300	
Exterior Pkg Unit - Cooling	Location : Second Explanation : Rej 20%	, Extent : N/A, Area A d Floor Mechanical I frigerant 410a Extent : Light, Area A	2033	\$31,000	2	\$200	
Terminal Devices Air Handler/Dir Expansion	80%		2038	* *	1		
No Component Heat Rejection Air Cooled Condenser Unit	80%		2038	* *	2	\$7,900	
No Component Ventilation	20%						
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$12,600	
Exhaust Fans Interior Plumbing	100%		2038	**	2	\$400	
H/C Water Piping Brass/Copper	100%		2053	* *	1		
Water Heater With Tanks Gas Fired	100%		2028	\$16,900	2		
Sanitary Piping Cast Iron Storm Drain Piping	100%		LIFE	* *	1		
Storm Drain Piping Cast Iron Fixtures	100%		LIFE	* *	1		
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.

BROOKLYN PUBLIC LIBRARY - 038 STONE AVENUE BRANCH LIBRARY

Asset #: 13268

Mechanical		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

Vertical Transport

Elevators

Hydraulic 100% LIFE **

Other Observation, Extent: N/A, Area Affected: 100%

Location: Basement To 1st Floor, Mezzanine And Second 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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				\$300
Interior Architecture	\$8,600		\$1,300	\$5,800
Electrical	\$4,100	\$1,700	\$500	\$400
Mechanical	\$800	\$23,900	\$1,100	\$500
Site Pavements	\$19,100			
Total	\$32,600	\$25,700	\$2,900	\$7,000
Importance Code A	\$4,100	\$400	\$400	\$700
Importance Code B	\$9,400	\$25,300	\$2,500	\$6,300
Importance Code C	\$19,100			
Total	\$32,600	\$25,700	\$2,900	\$7,000



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 ULMER PARK BRANCH LIBRARY

Asset #: 13270

rchitecture	Current Repair Future Replacement			ent Maintenance		
rstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated (Cost	Cycle (Yrs)	Estimated Cost	Priority
terior						
Exterior Walls						
Concrete Masonry Unit	5%	LIFE	* *	5	\$300	
Masonry: Brick	70%	LIFE	* *	5	\$7,500	
	Recent Repair Evident, Extent: N/A, An Location: Throughout	rea Affected : 100%				
Stucco Cement	25%	2043	* *	5	\$6,700	
	Recent Repair Evident, Extent : N/A, An Location : Throughout	rea Affected : 100%				
Windows						
Aluminum	100%	2052	* *	5	\$600	
	Recent Replace Evident, Extent: N/A, A Location: Throughout	Area Affected : 100%				
Parapets	050/	LIPP	ب	_	4. 000	
Masonry: Brick	95%	LIFE	* *	5	\$1,000	
Pre-Cast Concrete	5%	LIFE	* *	5	\$300	
Roof						
Traffic Topping	100% Recent Replace Evident, Extent: N/A, A Location: Throughout	2038 Area Affected : 100%	* *	10	\$38,000	
Soffits						
Metal Panel	100%	2056	* *	5-10		
erior						
Floors						
Cast in Place Concrete	7% Now \$8,600 Cracking/Crumbling, Extent : Moderate Location : Boiler Room Stairs	LIFE e, Area Affected : 15%	* *	5	\$1,900	
	Water Penetration, Extent : Severe, Are	a Affected : 50%				
	Location: Basement					
	Other Observation, Extent : Moderate, Location : Boiler Room	Area Affected : 100%				
	Explanation : Concrete Pavers Appea	r To Have Been Install	ed O	ver Soil.		
Ceramic Tile	5%	2043	* *	5	\$600	
	Recent Replace Evident, Extent: N/A, A Location: Bathrooms	Area Affected : 100%				
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	
	Recent Replace Evident, Extent: N/A, A Location: Throughout			J	711,000	
Plaster	5%	LIFE	* *	5	\$400	
e Enclosure					Ψ.00	

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 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
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	\$19,100	2050	* *			
	Sinking/Si	ıbsiding, Ez	ctent : Severe, Area	Affectea	! : 100%			
	Location	: Through	out					

Electrical	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
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	4+	\$3,700	2060	* *	5		
			xtent : Light, Area	Affected	: 100%			
		: Electrica						
			200 Ampere Main 1 et Is Deteriorated A		ect Switch Shows So ed.	me Rust	And The Current	
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	Currer	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
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		Replacement	M		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated 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: N/A,	Area Affected : 1	100%			
	Location: Roof					
	Explanation: Two Gas Fired P	ackaged Rooftop	Unit. See Air Con	iditionin	g Conversion	
	Equipment.					
Air Conditioning						
Energy Source	100%	2038	* *	1		
Electricity	100%	2038		1		
Conversion Equipment	1000/	2025	* *	2	\$500	
Ext Pkg Unit - Heating/Cooling	100%	2035	* *	2	\$500	
Ventilation						
Distribution						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,500	
Exhaust Fans	10076	LIFE		2-3	\$4,500	
Roof	100%	2030	\$15,600	2	\$300	
Plumbing	10076	2030	\$15,600		\$300	
H/C Water Piping						
Brass/Copper	100%	2040	* *	1		
Water Heater With Tanks	10070	2040		1		
Electric	100%	2025	\$23,400	4		
Sanitary Piping	10070	2023	Ψ23,π00	-		
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	10070	LIFE		1		
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	10070	LIFE		1		
Sump Pump(s) Submersible	100%	2024	\$200	4	\$300	
Fixtures	100/0	2024	\$200		\$300	
Generic	100%					
Generic	10070					

Maintenance \$ are aggregated over a 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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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

Block : 2039 Lot : 1 BIN : 3058036

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Electrical		\$82,800
Mechanical		\$142,100
Total		\$224,900
Importance Code B		\$224,900
Total		\$224,900

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture			\$1,500	
Interior Architecture	\$300		\$900	
Electrical	\$500	\$1,400	\$400	\$400
Mechanical	\$1,700	\$17,500	\$2,400	\$600
Site Pavements	\$3,100			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$9,500	\$22,800	\$9,100	\$4,900
Importance Code A	\$400	\$400	\$1,900	\$400
Importance Code B	\$6,000	\$22,400	\$7,200	\$4,600
Importance Code C	\$3,100			
Total	\$9,500	\$22,800	\$9,100	\$4,900



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 #: 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: N/A, A Location: Throughout Elevations	rea Affected : 30%			
Masonry: Limestone	25%	LIFE **	5 \$2,600		
	Staining/Discoloring, Extent : Modera Location : Cornice	te, Area Affected : 20%			
Windows	1000/	2016	5 A2 100		
Aluminum	100%	2046 **	5 \$3,100		
Roof Slate	100%	LIFE **			
State	Recent Replace Evident, Extent: N/A, .				
	Location: Throughout	Area Affected : 10070			
Interior	0				
Floors					
Cast in Place Concrete	30%	LIFE **	5 \$6,900		
Ceramic Tile	5%	2039 * *	5 \$500		
Vinyl Tile	65%	2035 **	3 \$2,600		
Interior Walls					
Gypsum Board	20%	LIFE **	5 \$1,600		
Masonry: Brick	5%	LIFE **			
Plaster	75%	LIFE **	5 \$3,000		
Ceilings	200/	2043 **	σ φ1 000		
AcousTileSusp.Lay-In	20% 10%	2043 ** LIFE **	5 \$1,800		
Exposed Struc: Steel	Other Observation, Extent : Light, Area				
	Location: Book Stacks	a Affectea . 10070			
	Explanation : Underside Of Book Sta	ick Floor			
Gypsum Board	15%	LIFE **	5 \$1,700		
Plaster	55%	LIFE **	5 \$3,100		
Site Enclosure	3370	LIIL	3 \$3,100		
Fence/Gates					
Iron Picket	100%	2050 **			
Free Standing Walls					
Masonry: Fieldstone	100%	2040 **			
•	Other Observation, Extent: N/A, Area	Affected : 100%			
	Location : Front Entry				
	Explanation: This Is Actually Granit	te			
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 Repair		Future Replacement		Maintenance			
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	\$1,200	2035	* *				
	U	Cracking/Crumbling, Extent : Moderate, Area Affected : 10% Location : Side Yard Walkways							
Masonry: Granite	50%			LIFE	* *				
Parking/Driveway									
Asphalt	100%	Now	\$2,000	2033	\$39,000				
-	Cracking/	Crumbling,	Extent: Moderate	, Area Aj	ffected : 30%				
	Location	i: Through	out						

Electrical	Current Repair	Future R	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2030	\$3,700	5		
	Other Observation, Extent : Lig	ght, Area Affected : 10	00%			
	Location : Electrical Room					
	Explanation : Main Service S	witches Rated At 200	Amperes Each			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2030	\$43,000	5	\$200	
Raceway						
Conduit	100%	2030	\$36,500	1		
Panelboards						
Molded Case Bkrs	25%	2038	* *	5	\$100	
Molded Case Bkrs	75%	2029	\$14,800	5	\$100	
Wiring						
Thermoplastic	100%	2040	* *	1		
Motor Controllers						
Locally Mounted	100%	2028	\$23,700	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
ighting						
Interior Lighting						
Fluorescent	50%	2030	\$41,400	10	\$3,400	
	T-8 Lamps And Fixtures, Extend		ed : 100%			
	Location : Throughout The Bu	uilding				
Fluorescent	5%	2030	\$4,100	10	\$300	
	Compact Fluorescent Light, Ex	tent : Light, Area Affe	ected : 100%			
	Location: Basement					
Fluorescent	45%	2030	\$37,200	10	\$3,100	
1 Idoloscom	T-12 Lamps And Fixtures, Exter			10	ψ3,100	
	Location: Throughout The Bi					

Maintenance \$ are aggregated over a 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 Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	timated 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	\$17,300	10		
	Other Observation, Exter	it : Light, Area Affected	: 100%			
	Location : Perimeter					
	Explanation : Controlle	d Via Photocell				
No Component	50%					
Alarm						
Security System						
No Component	50%					
Generic	50%	2030	\$7,000	1	\$1,400	
	Other Observation, Exter Location : Inside Only	nt : Light, Area Affected	: 100%			
	Explanation : Surveilla	nce Cameras And Intru	sion Alarm System			
Fire/Smoke Detection						
No Component	50%					
Generic, Analog	50%	2030	\$9,600	1-3	\$2,400	
	Other Observation, Exter	it : Light, Area Affected	: 100%			
	Location: Throughout	The Building				
	Explanation: Smoke De	etectors, Alarm Bells Ai	nd Manual Pull Sta	tion		

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
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%	2040	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2035	* *	1	\$3,700	
	Other Observation, Extent:	Light, Area Affected	: 100%			
	Location : Basement Boile	er Room				
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2038	* *	4	\$400	
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 Repair Future Replacement Mainte		aintenance			
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Terminal Devices						
Air Handler/Dir	100%	2030	\$142,100	1		
Expansion		f 1 , 1 , 1 , 1 , 1 , 1 , 1 , 1 , 1 , 1	. 1 200/			
	Other Observation, Extent: M	loderate, Area Affe	cted : 20%			
	Location: Basement					
H (D ' ('	Explanation : Hot Water Hea	ating Coil				
Heat Rejection Air Cooled Condenser	100%	2030	\$21,500	2	\$5,200	
Unit	10076	2030	\$21,300	2	\$3,200	
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,200	
Exhaust Fans	10070				ψ.,=00	
Interior	100%	2030	\$32,900	2	\$200	
Plumbing			· · · · · · · · · · · · · · · · · · ·		<u> </u>	
H/C Water Piping						
Brass/Copper	100%	2040	* *	1		
Water Heater With Tanks						
Gas Fired	100%	2025	\$16,900	2		
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, Extent : L	0	: 100%			
	Location: Basement To 1st I	Floor				
	Explanation : One Unit					

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

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

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

Print Date: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$207,700	
Interior Architecture	\$70,800	
Mechanical		\$249,400
Total	\$278,500	\$249,400
Importance Code A	\$207,700	
Importance Code B		\$249,400
Importance Code C	\$70,800	
Total	\$278,500	\$249,400

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$5,500		\$1,800	
Interior Architecture	\$44,800			\$1,100
Electrical	\$27,100	\$44,500	\$200	\$200
Mechanical	\$2,400	\$17,800	\$3,300	\$900
Site Enclosure	\$13,600			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$97,400	\$66,300	\$9,300	\$6,200
Importance Code A	\$5,900	\$500	\$2,200	\$500
Importance Code B	\$79,400	\$65,800	\$7,100	\$5,700
Importance Code C	\$12,100			
Total	\$97,400	\$66,300	\$9,300	\$6,200



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

Architecture	Current Repair Future Replac		lacement	ement Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls	050/ N	¢1.4.4.000	LIEE	* *	5	¢17.700	
Masonry: Brick	95% Now Joint Mortar Miss/Er Location: Through Vegetation Growth, E Location: West Fac Water Penetration, E Location: South Fac	out Xtent : Severe, Ared Cade xtent : Moderate, A	a Affected : 50%	ted : 15%	5	\$17,700	
Masonry: Limestone	5% Now Cracking/Crumbling, Location: Front En Joint Mortar Miss/En Location: Through Water Penetration, E Location: South Fo	ntrance vod, Extent : Moder out xtent : Moderate, A	rate, Area Affect	ted : 15%	5	\$700	
Windows							
Aluminum	100%		2046	* *	5	\$3,500	
Roof							
Slate	Gut/DS Non Func/M. Location: Over Me Water Penetration, E Location: Mezzani 68%	zzanine xtent : Moderate, A					
terior	0070		LIFE				
Floors							
Cast in Place Concrete	10% Paint Peeling, Extent Location : Basemen	0 00	LIFE cted : 50%	* *	5	\$2,200	
Ceramic Tile	5%		2039	* *	5	\$500	
Vinyl Tile	85% 0-2 Cracking/Crumbling, Location : Main Flo		2035	**	3	\$3,300	
Interior Walls							
Ceramic Tile	5%		2039	* *	5	\$900	
Masonry: Brick	5%		LIFE	* *			
Plaster	40% Now Broken/Missing Elem Location: South Si		**	* * ected : 25%	5	\$2,200	
	Cracking/Crumbling, Location: South Si Water Penetration, E	Extent : Severe, A de Of Main Floor A	rea Affected : 5 And Basement				
	Location : South Si	de Of Main Floor A	And 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 #: 13272

Architecture	Current Repair Future Replacement		e Replacement	nt Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Concret				LIFE	* *	5	\$200	
Plaster		Now	\$39,300	LIFE	**	5	\$1,600	
	-	-	Extent : Moderate	-				
			de Of Main Floor A					
			xtent : Moderate, A					
		i : South Si	de Of Main Floor A	Ind Base				
Plaster	65%			LIFE	* *	5	\$4,200	
Site Enclosure								
Fence/Gates								
Chain Link	25%		\$2,400	2040	**			
		_	xtent : Moderate, A	lrea Affe	cted: 20%			
			out Rear Lot Line					
Iron Picket		Now	\$7,800	2050	* *			
		-	xtent : Moderate, A	lrea Affe	cted : 10%			
		i : Through						
	0		Moderate, Area Aff		0%			
	Location	ı : Main En	trance And Throug	hout				
Free Standing Walls								
Masonry: Brick		Now	\$1,400	2040	* *			
	-	-	Extent: Moderate	, Area Aj	ffected : 15%			
		i : Through						
			od, Extent : Moder	ate, Arec	a Affected : 10%			
	Location	: Through	out					
Retaining Walls								
Cast in Place Concrete	100%		\$2,000	2050	* *			
	_	_	Extent: Moderate	, Area Aj	ffected : 10%			
	Location	: Rear Wa	lk					
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 \$3,700	5	
	Other Observation, Extent: Moderate, A	Area Affected : 100%		
	Location: Electrical Room			
	Explanation: One 200 Ampere Main I	Disconnect Switch		
Switchgear / Switchboard				
Molded Case Bkrs	100%	2030 \$43,000	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

Electrical		Current F	Current Repair Future Replacement		M	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	90%			2030	\$32,800	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	\$1,000	5		
Molded Case Bkrs	70%			2029	\$13,800	5	\$200	
Molded Case Bkrs	25%			2055	* *	5	\$100	
Wiring			***					
Braided Cloth	50%		\$16,500	2055	**	1		
			ent : Moderate, Are oor And Upper Lev		ed : 10%			
Thermoplastic	40%			2030	\$13,200	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	\$23,700	5	\$100	
Ground								
Grounding Devices								
Generic	100%		\$10,300	LIFE	* *	5	\$100	
			Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Water M						
	Explana	tion : Corre	oded					
Lighting								
Interior Lighting	1000/			• • • • •	de de			
LED	100%			2040	* *			
Egress Lighting					de de	4.0	44.400	
Emergency, Battery	50%			2035	* *	10	\$1,100	
Exit, Service	50%			2035	* *	1		
Exterior Lighting	1000/				4.	4.0		
HID	100%			2025	\$42,900	10		
Alarm								
Security System	2007							
No Component	30%			2020	* *	1	02.402	
Generic	70%			2038		1	\$2,400	
			Extent : Light, Area	Affected	: 10%			
		ı : Mechani		. ,	1.CCTV.C			
	Explana	tion : Inclu	des Fire Alarm Dev	nces And	a CCTV System			

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 In	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 Futu		Replacement	Maintenance			
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating Conversion Equipment Hot Water Boiler	100% Other Observation, Extent : L Location : Basement Boiler Explanation : 1 Unit		** 100%	1	\$4,600		
Distribution Hot Wtr Piping/Pump	100%	2038	* *	4	\$500		
Terminal Devices Air Handler	60% Other Observation, Extent : L Location : Basement Explanation : With Electric			1	\$3,500		
Convector/Radiator Fan Coil Unit/Heat	30% 10% Other Observation, Extent : L Location : Basement Explanation : Electric Unit	2035 2030 .ight, Area Affected :	* * \$22,800	1 1	\$900 \$300		
Air Conditioning	Explanation . Electric Onli	Heuters					
Energy Source Electricity	100%	2046	* *	1			
Conversion Equipment Interior Pkg Unit - Cooling	100%	2028	\$145,500	2	\$600		
	R-22 Refrigerant, Extent: Lig Location: Basement Equip Other Observation, Extent: L Location: Basement Equip Explanation: 1 Unit Servea	nent Room .ight, Area Affected : nent Room	100%				
Heat Rejection Air Cooled Condenser Unit	100%	2030	\$26,600	2	\$6,500		
	Other Observation, Extent : L Location : Basement Explanation : 2 Interior Uni	-		itioner.			
Ventilation							
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,200		
Exhaust Fans Interior	100%	2030	\$40,800	2	\$300		
Plumbing H/C Water Piping Brass/Copper	100%	2040	* *	1			
Water Heater With Tanks Gas Fired	100% Other Observation, Extent : L Location : Basement Explanation : 50 Gallon Sto		\$16,900 100%	2			

Maintenance \$ are aggregated over a 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	Maintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Estin		ycle Estimated Cost Yrs)	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 2nd	d 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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 01-Oct-2021 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2189 Lot : 1 BIN : 3060090

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$480,700	\$90,200
Interior Architecture	\$70,700	\$70,700
Electrical		\$211,900
Mechanical		\$489,800
Total	\$551,400	\$862,600
Importance Code A	\$480,700	\$90,200
Importance Code B		\$701,600
Importance Code C	\$70,700	\$70,700
Total	\$551,400	\$862,600

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$83,400		_	
Interior Architecture	\$69,600		\$9,100	\$2,300
Electrical	\$8,300	\$2,100	\$2,300	\$2,700
Mechanical	\$9,700	\$3,600	\$3,800	\$3,000
Site Enclosure	\$15,200			
Site Pavements	\$27,900			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$218,100	\$9,700	\$19,200	\$12,000
Importance Code A	\$84,500	\$1,100	\$1,100	\$1,100
Importance Code B	\$96,300	\$8,600	\$18,100	\$9,400
Importance Code C	\$37,200			\$1,500
Total	\$218,100	\$9,700	\$19,200	\$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	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior	,						
Exterior Walls							
Copper/Terne	2%		2068	* *	10	\$5,100	
Masonry: Brick	15% 4+ Graffiti, Extent : Lig Location : Rodney Vegetation Growth,	Street Extent : Moderate, A		* * cted : 30%	5	\$16,300	
	Location: Rodney	Street					
Masonry: Brick	68%		LIFE	* *	5	\$147,900	
Masonry: Limestone	15%		LIFE	* *	5	\$24,500	
Windows	1000/ 37	# 40 < 000	20.50		_	0.46.600	
Wood	100% Now Air Infiltration, Exte Location: 2nd Flo Ctrwt/Balnc Not Fu	or North Facing Wi	ndows		5	\$46,600	
	Location: Through	hout					
	Deteriorated Finish,		Area Aff	ected: 25%			
	Location: Window			100 1 50/			
	Glazing Broken/Cra		rate, Are	a Affected : 5%			
	Location : Adult R			CC . 1 1000/			
	Thermally Inefficien		, Area Aj	јестеа : 100%			
	Location: Through		1.CC4-J	. 100/			
	Split/Cracked, Exter Location : Through		4јјестеа .	10%			
D	Location . Through	тош					
Parapets Masonry: Brick	30%		LIFE	* *	5-10	\$13,600	
Masonry: Brick Cavity	60%		LIFE	* *	5-10	\$27,100	
Masonry: Limestone	10%		LIFE	* *	5-10	\$8,100	
Roof	1070		LIFE		3-10	\$6,100	
Copper/Terne	25%		2061	* *	10	\$14,000	
Modified Bitumen	75%		2038	* *	10	\$16,800	
nterior	7370		2000		10	Ψ10,000	
Floors	10%		2032	\$66,100	3	\$5.200	
Floors Carpet	10% 5%		2032	\$66,100 * *	3 5	\$5,200 \$1,700	
Floors Carpet Ceramic Tile	5%		2042		5	\$1,700	
Floors Carpet	5% 10%	Extent : N/A, Area A	2042 2038	* *		·	
Floors Carpet Ceramic Tile	5%		2042 2038	* *	5	\$1,700	
Floors Carpet Ceramic Tile	5% 10% Other Observation, Location : 2nd Flo	or Dance Studio	2042 2038	* *	5	\$1,700	
Floors Carpet Ceramic Tile Sheet Vinyl/Rubber	5% 10% Other Observation, Location : 2nd Flo Explanation : Rub	or Dance Studio	2042 2038 (ffected :	* *	5 5	\$1,700 \$5,200	
Floors Carpet Ceramic Tile Sheet Vinyl/Rubber Vinyl Tile	5% 10% Other Observation, Location: 2nd Flo Explanation: Rub	or Dance Studio	2042 2038 ffected:	** ** 100%	5 5	\$1,700 \$5,200 \$7,700	
Floors Carpet Ceramic Tile Sheet Vinyl/Rubber Vinyl Tile Wood	5% 10% Other Observation, Location : 2nd Flo Explanation : Rub	or Dance Studio	2042 2038 (ffected :	**	5 5	\$1,700 \$5,200	
Floors Carpet Ceramic Tile Sheet Vinyl/Rubber Vinyl Tile Wood Interior Walls	5% 10% Other Observation, Location: 2nd Flo Explanation: Rub 60% 15%	or Dance Studio	2042 2038 ffected : 2038 2061	**	5 5 5	\$1,700 \$5,200 \$7,700 \$9,700	
Floors Carpet Ceramic Tile Sheet Vinyl/Rubber Vinyl Tile Wood Interior Walls Ceramic Tile	5% 10% Other Observation, Location: 2nd Flo Explanation: Rub 60% 15%	or Dance Studio	2042 2038 ffected: 2038 2061 2042	** ** 100%	5 5 5	\$1,700 \$5,200 \$7,700 \$9,700 \$2,900	
Floors Carpet Ceramic Tile Sheet Vinyl/Rubber Vinyl Tile Wood Interior Walls	5% 10% Other Observation, Location: 2nd Flo Explanation: Rub 60% 15%	or Dance Studio	2042 2038 ffected : 2038 2061	** ** 100% ** **	5 5 5	\$1,700 \$5,200 \$7,700 \$9,700	

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 F	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated (Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior									
Ceilings	100/	NI	¢1 200	2046		* *	-	¢1.700	
AcousTileSusp.Lay-In	10% Water Pen		\$1,200 xtent : Moderate, A	2046	atad · 50/	* *	5	\$1,700	
			nt 826 NYC Space	теи Ајје	.iea . 5/0				
Plaster	70%		\$39,800	LIFE		* *	5	\$15,000	
Taster			Extent : Light, Are		ed · 5%		3	\$15,000	
			out 2nd Floor, Stair			ectri	cal Room	S	
Plaster	20%			LIFE		* *	5-10	\$11,800	
Site Enclosure								4,	
Fence/Gates									
Iron Picket	100%		\$13,900	2053		* *			
		_	xtent : Moderate, A	1rea Affe	cted : 10%				
	Location	: Through	out						
Free Standing Walls	1000/	3.7	#1 200	20.42		* *			
Masonry: Brick		Now	\$1,300 ents, Extent : Mode	2043	an Affantad :				
		issing Liem i : Through		eruie, Ar	еи Ајјестеи . 2	2/0			
		_	od, Extent : Moder	ate. Area	Affected : 10)%			
		i : Through		,	33				
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%				
	Location	i : Through	out						
	Explana	tion : Limes	stone Masonry						
Retaining Walls									
Concrete Masonry Unit	100%			2053		* *			
Site Pavements Public Sidewalk									
Cast in Place Concrete	100%	0-2	\$26,900	2046		* *			
Cast III I face Concrete			Extent : Moderate		fected : 10%				
	_	i : Through		<i>y</i>	,				
	Sinking/Si	ıbsiding, Ex	ctent : Light, Area A	Affected .	10%				
	Location	i : Through	out						
	Tripping I	Hazard, Ext	ent : Moderate, Are	ea Affect	ed : 5%				
	Location	i : Rodney S	Street						
On-Site Walkways									
Cast in Place Concrete	50%		#1.000	2046		* *			
Pavers/Stone	50%		\$1,000	2042	natad . 50/	<i>ተ</i> ቸ			
		tar Miss/Er 1 : Through	od, Extent : Light, .	Area Aff	eciea : 5%				
	Locuitor	i. Inrough	Jui						

Electrical		Current F	Repair	Futu	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

Maintenance \$ are aggregated over a 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 R	epair Fu	ıture Repl	acement	M	aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost Yes		nated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%	20:	33	\$47,100	5	\$600		
	Other Observation, Ex	tent : N/A, Area Affecte	ed: 100%					
	Location : Electrical	Room						
	Explanation : Main S	Service Disconnect Swi	tch Rated	At 1,200 An	iperes.			
Switchgear / Switchboard	-							
Fused Disc Sw	30%	20:	53	* *	5			
Molded Case Bkrs	70%	20:		\$33,000	5	\$400		
Raceway	, , , , ,			400,000		4.00		
Conduit	90%	20-	13	* *	1			
Conduit	10%	20:		* *	1			
Panelboards	10/0	20.	, ,		1			
Molded Case Bkrs	25%	20:	22	\$8,100	5	\$200		
	50%	20.		\$0,100 * *				
Molded Case Bkrs				**	5	\$300		
Molded Case Bkrs	25%	20-	41	* *	5	\$200		
Wiring	0.00 /	• •		de de				
Thermoplastic	90%	204		* *	1			
Thermoplastic	10%	20:	53	* *	1			
Motor Controllers								
Locally Mounted	100%	203	31	\$77,800	5	\$200		
Ground								
Grounding Devices								
Generic	100%	LII	FΕ	* *	5	\$700		
Lighting								
Interior Lighting								
Fluorescent	30%	203	38	* *	10	\$6,300		
	Other Observation, Ex	tent : N/A, Area Affecte	ed: 100%					
	Location : Reading A	lreas						
	Explanation : T-8 La							
Fluorescent	25%	202	70	\$69,700	10	\$5,300		
Fluorescent	Other Observation, Ex			\$09,700	10	\$3,300		
			ea . 10070					
	Location: Throughout	-						
	Explanation: T-8 La	<u> </u>						
Fluorescent	35%	203	-	* *	10	\$7,400		
	Other Observation, Ex	tent : N/A, Area Affecto	ed: 100%					
	Location : Reading A	reas, Hallways						
	Explanation: Compo	act Fluorescent Lights						
LED	10%	204	41	* *				
LED								
	1070							
Egress Lighting Emergency, Battery	50%	20:	33	\$20,900	10	\$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 #: 4201

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Exterior Lighting						
Fluorescent	20%	2033	\$19,900	10	\$400	
	Other Observation, Extent :	N/A, Area Affected : 1	00%			
	Location : Outside Perimet	er				
	Explanation : Compact Flu	orescent Lights				
No Component	80%					
Alarm						
Security System						
Generic	100%	2038	* *	1	\$8,600	
	Other Observation, Extent:	N/A, Area Affected : 1	00%			
	Location : Hallways And C	utside Perimeter				
	Explanation : CCTV Surve	illance Cameras				
Fire/Smoke Detection						
Generic, Analog	100%	2033	\$64,400	1-3	\$14,600	
,	Other Observation, Extent:	N/A, Area Affected : 1	00%			
	Location: Throughout The	Building				
	Explanation : Strobe Lights	-	s, Alarm Bells. S	moke De	tectors, Horns	

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2038	* *	1	\$11,400	
	Other Observation, Extent: N/.	A, Area Affected : 1	100%			
	Location : Boiler Room					
	Explanation: 1 Boiler					
Distribution						
Hot Wtr Piping/Pump	100%	2041	* *	4	\$1,700	
Terminal Devices						
Convector/Radiator	100%	2038	* *	1	\$7,400	
Air Conditioning						
Energy Source						
Electricity	100%	2041	* *	1		
Conversion Equipment						
Exterior Pkg Unit -	80%	2033	\$218,900	2	\$1,100	
Cooling						
	R-22 Refrigerant, Extent : Ligh	t, Area Affected : 1	100%			
	Location : 6 Rooftop Package	Units On Roof				
Split Unit	20%	2033	\$118,500			
•	Other Observation, Extent: N/2	A, Area Affected : I	100%			
	Location : Roof					
	Explanation: 4 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 #: 4201

Mechanical	Current Repair	Futur	Future Replacement		aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Terminal Devices						
Fan Coil - 2 Pipe	20%	2033	\$152,300	1	\$1,500	
No Component	80%					
Heat Rejection						
Dry Cooler	20%	2033	\$22,900	2	\$3,200	
No Component	80%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$20,300	
Exhaust Fans						
Interior	20%	2033	\$22,100	2	\$100	
Roof	80%	2033	\$38,700	2	\$600	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2043	* *	1		
Water Heater With Tanks						
Gas Fired	100%	2031	\$18,600	2		
	Other Observation, Extent : N	VA, Area Affected :	100%			
	Location: Basement					
	Explanation: 40 Gallons					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2028	\$5,000	4	\$700	
Fixtures						
Generic	100%					
	Abandoned in Place, Extent:	Severe, Area Affect	ed : 10%			
	Location: 2nd Floor Restro	om				
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
•	Other Observation, Extent : N		100%			
	Location: Basement To 2nd					
	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: 14-Oct-2022 BROOKLYN PUBLIC LIBRARY - FY 2023

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 : 09-Dec-2021 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 5318 Lot : 10 BIN : 3124000

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$32,000			
Interior Architecture	\$29,000	\$4,700	\$1,100	
Electrical	\$20,300	\$400	\$600	\$400
Mechanical	\$2,700	\$500	\$900	\$500
Site Pavements	\$22,800			
Total	\$106,700	\$5,700	\$2,600	\$900
Importance Code A	\$32,300	\$400	\$400	\$400
Importance Code B	\$36,800	\$5,300	\$2,300	\$600
Importance Code C	\$37,600			
Total	\$106,700	\$5,700	\$2,600	\$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 #: 13273

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of I Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls						_		
Cast in Place Concrete	5%			LIFE	**	5	\$7,800	
Glass Block	5%			LIFE	**	5	\$1,000	
Masonry: Brick Cavity	65%		3.7/4.4	LIFE	**	5	\$20,300	
	Other Obse Location .		Extent : N/A, Area A	lffected :	100%			
		_	oui ling Is Above Subw	av Ruild	lina Vibratas Whan	Trains P	Pass Ralow	
Motel Commission	15%	on . Duna	ing is Above Suow	2053	**	1	uss below	
Metal, Corrugated Pre-Cast Concrete	10%			LIFE	* *	5	\$10,100	
Windows	1070			LIFE			\$10,100	
Aluminum	100%			2049	* *	5	\$800	
Roof	10070			2049			\$600	
Single Ply Membrane	100%			2038	* *	10	\$21,300	
Single Try Weinstane		vident. Ex	tent : Moderate, Ai		ted : 10%	10	Ψ21,300	
	-		Locations Through					
	Other Obse	rvation, E	Extent : N/A, Area A	Iffected :	45%			
	Location :			55				
	Explanati	on : Plant	ed Material On To	p Of Exis	sting Roof Within C	Concrete .	Paver Curbs	
Soffits								
Cast in Place Concrete	90%	Now	\$8,000	LIFE	* *	5	\$6,800	
	Cracking/C Location .	-	Extent : Light, Are hroughout	ea Affecte	ed : 15%			
Metal Panel	10%	Now	\$4,000	2063	* *	5	\$300	
	Broken/Mis	sing Elem	ents, Extent : Seve	re, Area .	Affected : 100%			
	Location .	: Above Tr	rash Storage					
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$4,600	
Terrazzo		Now	\$9,800	LIFE	* *	5	\$400	
			Extent : Moderate,	Area Aff	fected : 5%			
	Location .	-	-					
			tent : Moderate, A	rea Affec	ted : 15%			
	Location .	: Entry Fo	yer					
Vinyl Tile	85%			2041	* *	3	\$3,400	
Interior Walls								
Concrete Masonry Unit	35%		\$7,400	LIFE	* *	5	\$1,600	
	Patching Example Location .		tent : Light, Area A out	Iffected :	15%			
			nt : Severe, Area A ehind Computer Se	-	2%			
			Extent : Light, Area		: 30%			
	Location .		-	5,5 = = = = = =				
		_	ing Vibrates As Su	bwav Tra	ins Pass Below			
Glass: Single Pane	5%			LIFE	**	5	\$800	
Gypsum Board	55%			LIFE	* *	5-10	\$10,500	
Masonry: Brick	5%			LIFE	* *	10	\$200	
widsom y. Dilek	370			PII.D		10	Ψ 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 #: 13273

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	90%			2050	* *	5	\$9,500	
Exposed Struc: Steel	10%			LIFE	* *	10	\$2,100	
ite Enclosure								
Fence/Gates								
Cast Iron Rail	100%			2053	* *	5		
ite Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	\$2,100	2046	* *			
	Misaligne	d/Bulging,	Extent : Moderate,	Area Aff	ected : 10%			
	Location	: Adjacent	Driveway And Par	king Lot				
	Tripping H	Iazard, Ext	ent : Moderate, Are	ea Affecte	ed : 10%			
	Location	: Adjacent	Driveway					
Parking/Driveway								
Asphalt	100%	Now	\$20,700	2036	* *			
	Cracking/	Crumbling,	Extent: Light, Are	a Affecte	ed : 10%			
	Location	: Drivewa	y And Parking Lot					
	Misaligne	d/Bulging,	Extent : Moderate,	Area Aff	ected : 10%			
	Location	: Drivewa	y					
	Sinking/Su	bsiding, E	ctent : Moderate, A	rea Affec	rted : 10%			
	Location	: Drivewa	y					

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2033	\$43,000	5	\$200	
	Other Observation, Extent: N/A, Area	Affected :	100%			
	Location : Electrical Room					
	Explanation : Main Service Disconn	ect Switch	Rated At 350 Amp	eres.		
Switchgear / Switchboard						
Molded Case Bkrs	100%	2033	\$43,000	5	\$200	
Raceway						
Conduit	80%	2043	* *	1		
Conduit	20%	2059	* *	1		
Panelboards						
Fused Disc Sw	10%	2041	* *	5		
Molded Case Bkrs	70%	2041	* *	5	\$100	
Molded Case Bkrs	20%	2055	* *	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 #: 13273

Electrical		Current Repair Future Replacement		e Replacement	M			
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	60%	2-4	\$19,800	2058	* *	1		
	Insulation 2	Aged, Exte	ent : Moderate, Are	a Affecte	d : 100%			
	Location	: Through	out The Building					
Thermoplastic	20%			2033	\$6,600	1		
Thermoplastic	20%			2059	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	\$900	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2041	* *	1-3	\$4,400	
			Extent : N/A, Area A out The Building	ffected :	100%			
	Explanati Horns	ion : Strob	e Lights, Manual P	ull Statio	ons, Alarm Bells, Si	moke De	tectors And	

Mechanical	Current Repair	Future Rep	Future Replacement		Maintenance					
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Heating										
Energy Source										
Natural Gas	100%	2053	* *	1						
Conversion Equipment										
Furnace	100%	2043	* *	1	\$3,500					
	Recent Installation, Extent: N/A, A	rea Affected : 100%								
Location: 1 Brand New Rooftop Package Unit On Roof										
Air Conditioning										
Energy Source										
Electricity	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 #: 13273

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									
Conversion Equipment	0.50/			20.42	* *	2	0.400		
Ext Pkg Unit -	95%			2043	* *	2	\$400		
Heating/Cooling	D 110a D	fuicanant	Extent : Light Awar	Affaataa	1 . 1000/				
	R-410a Refrigerant, Extent : Light, Area Affected : 100% Location : 1 Brand New Rooftop Unit On Roof.								
		. 1 Drana	wew Koojiop Onii (* *				
Split Unit	5%	<i>C</i> :	F 1: 1 . 4	2043					
		-	Extent : Light, Area	Ајјестеа	1: 100%				
	Location	: 1 Unit O	п коој						
Terminal Devices	5%			2043	* *	1	\$100		
Fan Coil - 2 Pipe	5% 95%			2043	* *	1	\$100		
No Component	9370								
Heat Rejection Air Cooled Condenser	5%			2043	* *	2	\$200		
Unit	3/0			2043		2	\$200		
No Component	95%								
Ventilation Ventilation	7570								
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,300		
Exhaust Fans							· · · · · · · · · · · · · · · · · · ·		
Roof	100%			2043	* *	2	\$200		
Plumbing									
H/C Water Piping									
Brass/Copper	100%			2053	* *	1			
Water Heater With Tanks									
Gas Fired	100%			2032	\$16,900	2			
			Extent : N/A, Area A	ffected :	100%				
			r Equipment Room						
-	Explana	tion : One :	55 Gallon Unit						
Sanitary Piping	10007								
Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping	10007			TIPE	مان بان				
Cast Iron	100%			LIFE	* *	1			
Fixtures	1000/								
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.