Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	 203 ARL BROOKI BPL0A21 16,385 25-Oct-20 	1.000 / 13233		: 21 : 1906 / 2001 : BROOKLYN PUBLIC : NONE : 3087001	C LIBRARY
			EV 0004 0004		
CAPITAL Exterior Architec	4		FY 2021 - 2024		FY 2025 - 2030
Interior Architect			\$145,200		\$150,300
Mechanical	uic		\$664,800		\$86,900
Total			\$809,900		\$237,200
Importance Code	٨		\$145,200		
Importance Code			\$664,800		\$237,200
Total			\$809,900		\$237,200
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture	\$200	\$4,500		\$5,200
Interior Architect	ure	\$47,400	\$1,200		\$2,100
Electrical		\$200	\$400	\$200	\$4,300
Mechanical		\$4,400	\$1,400	\$2,800	\$1,500
Site Enclosure		\$3,200			
Elevators/Escalat	ors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$59,300	\$11,500	\$6,900	\$17,000
Importance Code	А	\$1,000	\$5,400	\$800	\$6,100
Importance Code		\$37,800	\$5,500	\$6,100	\$11,000
Importance Code	С	\$20,500	\$600	-	-
Total		\$59,300	\$11,500	\$6,900	\$17,000



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

Asset # : 13233

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	Priorit
xterior								
Exterior Walls								
Masonry: Brick	Effloresce Location Jnt Morta Location	: Through r Miss/Erod : Through	l, Extent : Moderat out	te, Area 2	Affected : 10%	5	\$22,700	
			xtent : Moderate, A By Elevator	Area Affe	cted : 5%			
Masonry: Limestone	10%			LIFE	* *	5	\$1,900	
Windows								
Aluminum	95%			2037	* *	5	\$5,000	
Wood	5%	Now	\$200	2037	* *	5	\$1,300	
		issing Elem : Toilet, O	ents, Extent : Mod ffice	erate, Ar	ea Affected : 2%			
Parapets								
Metal Cornice	100%			2044	* *	10		
Roof								
Asphalt Shingle	70%			2032	* *	10	\$2,000	
Modified Bitumen	30%			2034	* *	10	\$5,200	
Soffits Masonry: Limestone	100%			LIFE	* *	5		
nterior								
Floors Cast in Place Concrete	20%			LIFE	* *	5	\$9,700	
Cast in Trace Concrete	Paint Peel	ling, Extent : Basemen	: Light, Area Affeo t		%	5	\$9,700	
Ceramic Tile	5%			2032	* *	5	\$1,100	
Vinyl Tile		Now	\$30,100	2029	\$150,300	3	\$6,300	
,	Cracking/ Location Loose Uni	Crumbling, : Through	Extent : Moderate out Moderate, Area Aj		ffected : 20%			
Interior Walls								
Ceramic Tile	5%			2032	* *	5	\$1,300	
Plaster		Now	\$17,300	LIFE	* *	5	\$6,100	
	Location Water Per	: Hallway etration, E.	Extent : Moderate By Elevator, Meet xtent : Moderate, 2 By Elevator	ing Roon	n			
Wood	15%		2, 21014101	LIFE	* *	5	\$15,300	
	13%			LIFE	·. · ·	3	\$15,500	
Ceilings	10%			LIFE	* *	5	\$2,800	
	10%			LILL		5	⊅∠,oUU	
Gypsum Board Plaster	87%			LIFE	* *	5	\$12,100	

Site Enclosure

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

Asset # : 13233

Arabitaatura		0) - m - i m	Feete	. Devlessor			
Architecture		Current F			e Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ite Enclosure								
Fence/Gates								
Iron Picket		Now	\$3,200	2049	* *			
		-	ents, Extent : Mod	erate, Ar	ea Affected : 5%			
		: Front Of	-					
		-	xtent : Moderate, A	lrea Affe	cted : 10%			
		: 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	* *			
	-	-	Extent : Light, Are	ea Affecte	ed : 5%			
	Location	: Through	out					
On-Site Walkways								
Cast in Place Concrete	90%			2034	* *			
Masonry: Granite	10%			LIFE	* *			
Parking/Driveway	1000/			0004	* *			
Cast in Place Concrete	100%			2034	* *			
Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System	% of		Estimated Cost		Estimated Cost	•	Estimated Cost	Priorit
Component Type	Total	(Years)		FY		(Yrs)		
Component Type	Total	(Years)		FY		(Yrs)		
Component Type	Total	(Years)		FY		(Yrs)		
Component Type Jnder 600 Volts	Total	(Years)		FY 2039	* *	(Yrs) 5	\$100	
Component Type Jnder 600 Volts Service Equipment	100% Other Obs	ervation, E.	xtent : Light, Area	2039			\$100	
Component Type Jnder 600 Volts Service Equipment	100% Other Obs		-	2039			\$100	
Component Type Jnder 600 Volts Service Equipment	100% Other Obs Location	ervation, E. : Electrica	-	2039 Affected	: 100%	5		
Component Type Jnder 600 Volts Service Equipment Fused Disc Sw	100% Other Obs Location	ervation, E. : Electrica tion : 2- Ma	l Room	2039 Affected	: 100%	5		
Component Type Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard	100% Other Obs Location Explana Amperes	ervation, E. : Electrica tion : 2- Ma	l Room	2039 Affected nect Swit	: 100% ches Rated At 400	5 Amperes	: And 200	
Component Type Jnder 600 Volts Service Equipment Fused Disc Sw	100% Other Obs Location Explana Amperes 100%	ervation, E. : Electrica tion : 2- Ma	l Room in Service Discon	2039 Affected nect Swit 2039	: 100% ches Rated At 400 * *	5		
Component Type Jnder 600 Volts Service Equipment Fused Disc Sw	100% Other Obs Location Explana Amperes 100% Other Obs	ervation, E. : Electrica tion : 2- Ma ervation, E.	l Room iin Service Disconn xtent : Light, Area	2039 Affected nect Swit 2039	: 100% ches Rated At 400 * *	5 Amperes	: And 200	
Component Type Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard	100% Other Obs Location Explana Amperes 100% Other Obs Location	ervation, E. : Electrica tion : 2- Ma ervation, E. : Electrica	l Room iin Service Disconn xtent : Light, Area l Room	2039 Affected nect Swit 2039	: 100% ches Rated At 400 * *	5 Amperes	: And 200	
Component Type Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs	100% Other Obs Location Explana Amperes 100% Other Obs Location	ervation, E. : Electrica tion : 2- Ma ervation, E. : Electrica	l Room iin Service Disconn xtent : Light, Area	2039 Affected nect Swit 2039	: 100% ches Rated At 400 * *	5 Amperes	: And 200	
Component Type Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs	100% Other Obs Location Explana Amperes 100% Other Obs Location Explana	ervation, E. : Electrica tion : 2- Ma ervation, E. : Electrica	l Room iin Service Disconn xtent : Light, Area l Room	2039 Affected aect Swit 2039 Affected	: 100% ches Rated At 400 ** : 100%	5 Amperes 5	: And 200	
Component Type Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	100% Other Obs Location Explana Amperes 100% Other Obs Location	ervation, E. : Electrica tion : 2- Ma ervation, E. : Electrica	l Room iin Service Disconn xtent : Light, Area l Room	2039 Affected nect Swit 2039	: 100% ches Rated At 400 * *	5 Amperes	: And 200	
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards	100% Other Obs Location Explana Amperes 100% Other Obs Location Explana 100%	ervation, E. : Electrica tion : 2- Ma ervation, E. : Electrica	l Room iin Service Disconn xtent : Light, Area l Room	2039 Affected nect Swit 2039 Affected 2039	: 100% ches Rated At 400 ** : 100% **	5 Amperes 5	: And 200	
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw	100% Other Obs Location Explana Amperes 100% Other Obs Location Explana 100%	ervation, E. : Electrica tion : 2- Ma ervation, E. : Electrica	l Room iin Service Disconn xtent : Light, Area l Room	2039 Affected nect Swit 2039 Affected 2039 2037	: 100% ches Rated At 400 ** : 100% ** **	5 Amperes 5 1 5	\$400 \$400	
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	100% Other Obs Location Explana Amperes 100% Other Obs Location Explana 100%	ervation, E. : Electrica tion : 2- Ma ervation, E. : Electrica	l Room iin Service Disconn xtent : Light, Area l Room	2039 Affected nect Swit 2039 Affected 2039	: 100% ches Rated At 400 ** : 100% **	5 Amperes 5	: And 200	
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw	100% Other Obs Location Explana Amperes 100% Other Obs Location Explana 100%	ervation, E. : Electrica tion : 2- Ma ervation, E. : Electrica	l Room iin Service Disconn xtent : Light, Area l Room	2039 Affected nect Swit 2039 Affected 2039 2037	: 100% ches Rated At 400 ** : 100% ** **	5 Amperes 5 1 5	\$400 \$400	

Ground

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.

Asset # : 13233

	Current Repair	Futur	e Replacement	М	aintenance	
% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%		LIFE	* *	5	\$200	
10/				10	† • • •	
				10	\$200	
Location	-		<i>ffectea : 100%</i>			
1%		2029	\$1,700	2		
98%		2037	* *			
					\$2,000	
50%		2034	* *	1		
200/		2020	¢10.000	10		
		2029	\$19,600	10		
/0%						
Location	: Inside And Outside		* * ' : 100%	1	\$1,800	
Explana	Current Repair		e Replacement	М	aintenance	
% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
		•••		(115)		
		11		(113)		
100%		2039	* *	1		
100%			* *			
100% Other Obs Location	ervation, Extent : Light, Area : Basement Boiler Room ion : 1 Unit	2039 2034	* *		\$8,100	
100% Other Obs Location Explana	: Basement Boiler Room	2039 2034 Affected	**	1		
100% Other Obs Location	: Basement Boiler Room	2039 2034	* *	1	\$8,100	
100% Other Obs Location Explana	: Basement Boiler Room	2039 2034 Affected	**	1		
100% Other Obs Location Explanat 100%	: Basement Boiler Room	2039 2034 <i>Affected</i> 2037	* * ' : 100% * *	1 1 4	\$1,200	
100% Other Obs Location Explanat 100%	: Basement Boiler Room	2039 2034 <i>Affected</i> 2037 2027	* * ' : 100% * *	1 1 4	\$1,200	
100% Other Obs Location Explanat 100%	: Basement Boiler Room	2039 2034 <i>Affected</i> 2037	* * ' : 100% * *	1 1 4	\$1,200	
	Total 100% 1% <i>T-12 Lamp Location</i> 1% 98% 50% 50% 30% 70% 30% 70% 30% <i>Other Obs Location Explanat</i> % of	% of Total Fail Date (Years) Estimated Cost Total 100% 100% 100% 100% 1100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 10% 50% 50% 50% 50% 30% 30% 70% 30% 00ther Observation, Extent : Light, Area Location : Inside And Outside Explanation : CCTV Surveillance Can Current Repair % of Fail Date Estimated Cost	% of TotalFail Date (Years)Stimated Cost FY100%LIFE1%20241%20241.12 Lamps And Fixtures, Extent : Light, Area A Location : Boiler Room1%202998%203750%203450%203430%202970%202930%20340ther Observation, Extent : Light, Area Affected Location : Inside And Outside Explanation : CCTV Surveillance CamerasCurrent RepairFutur% ofFail DateStimated CostYear	% of TotalFail Date (Years)Estimated Cost FYYear Estimated Cost FY100%LIFE**100%LIFE**1%2024\$1,700T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100% Location : Boiler Room2029\$1,7001%2029\$1,70098%2037**50%2034**50%2034**30%2029\$19,60070%2034**30%2034**0ther Observation, Extent : Light, Area Affected : 100% Location : Inside And Outside Explanation : CCTV Surveillance Cameras**Current RepairFuture Replacement% ofFail DateYear% ofFail DateYearYearStimated CostYear	% of TotalFail Date (Years)Estimated Cost FYCycle (Yrs)100%LIFE**5100%2024\$1,70010T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100% Location : Boiler Room2029\$1,70021%2029\$1,700298%2037**1050%2034**150%2034**130%2029\$19,6001070%30%2034**10ther Observation, Extent : Light, Area Affected : 100% Location : Inside And Outside Explanation : CCTV Surveillance Cameras**1% ofFail DateFuture ReplacementM	% of TotalFail Date (Years)Estimated Cost FYCycle (Yrs)Estimated Cost (Yrs)100%LIFE**5\$2001%2024\$1,700 (York)10\$2001%2029\$11,700 (York)10\$2001%2029\$11,700 (York)2\$2001%2029\$11,700 (York)2\$2001%2029\$11,700 (York)2\$20098%2037**10\$2,00050%2034**10\$2,00050%2034**1\$1,80050%2034**1\$1,80050%2034**1\$1,80050%2034**1\$1,80050%2034**1\$1,8000/her Observation, Extent : Light, Area Affected : 100% Location : Inside And Outside Explanation : CCTV Surveillance Cameras10\$1,8000/her Observation, Extent : Light, Area Affected : 100% Location : Inside And Outside Explanation : CCTV Surveillance CamerasYearStimated CostYo ofFail DateFuture ReplacementMaintenance% ofFail DateYearEstimated CostYearYo ofFail DateYearStimated CostYear

R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : 2 Units In Basement

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.

Asset # : 13233

Mechanical		Current Repair	Futur	e Replacement	Μ	laintenance	
System Component Type		Fail Date Estimated Co (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$9,100	
Exhaust Fans							
Interior	100%		2024	\$57,800	2	\$500	
lumbing							
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater							
Electric	100%		2028	\$14,300	4	\$100	
	-	ace Evident, Extent : Lig Boiler Room	ht, Area Affe	ected : 100%			
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%	0-2 \$2,50	0 2039	* *	4	\$300	
	On Extended	d Life, Extent : Moderate	, Area Affec	eted : 100%			
	Location :	Basement					
Fixtures							
Generic	100%						
/ertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
-		vation, Extent : Light, A	rea Affected	: 100%			
		Basement To 2nd Floor					
	Explanatio	on : 1 Unit					

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

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	 7223 RID 8ROOKI 8PL0B28 16,506 21-Sep-20 	.000 / 13234	O STREET Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: 28 : 1961 / 2004 : BROOKLYN PUBLIC : NONE : 3147279	C LIBRARY
	. 3907			. 514/2/3	
CAPITAL			FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture		\$115,200		¢104.000
Mechanical					\$184,300
Total			\$115,200		\$184,300
Importance Code	А		\$115,200		
Importance Code			÷;		\$184,300
Total			\$115,200		\$184,300
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture	\$21,100	\$7,500		\$4,600
Interior Architect	ture	\$19,200	\$2,200		
Electrical		\$4,300	\$1,700	\$1,400	\$3,400
Mechanical		\$2,500	\$1,100	\$2,900	\$1,100
Site Enclosure		\$1,200			
Elevators/Escalat	tors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$52,300	\$16,500	\$8,200	\$13,000
Importance Code	A	\$21,900	\$8,300	\$800	\$5,400
Importance Code		\$24,900	\$8,200	\$7,400	\$7,600
Importance Code	C	\$5,500			
Total		\$52,300	\$16,500	\$8,200	\$13,000



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

Asset # : 13234

chitecture		Current F	ASSEL π . I		e Replacement		aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Exterior Walls	=0 (de de	-	\$7 100	
Glazed Ceramic Panel	5%	0.2	¢0.700	LIFE	* *	5	\$5,100	
Masonry: Brick		0-2 r Miss/Erod : Chimney	\$9,700 l, Extent : Modera	LIFE te, Area A		5	\$15,200	
Masonry: Limestone	Jnt Mortan Location Recent Rej	: Pilasters pair Evider	nt, Extent : N/A, Ar			5	\$800	
	Location	: Columns						
Metal Panel	5%			2049	* *	5-10	\$7,400	
Window Wall	15%	0-2	\$3,300	2049	* *	5	\$6,100	
	-	Deteriorate : Entrance	d, Extent : Moderc ?	ate, Area	Affected : 25%			
Windows Aluminum	100%			2045	* *	5	\$7,900	
Parapets Masonry: Brick	700/	Now	\$43,900	LIFE	* *	5	\$2,400	
	Location Spalling, 1 Location Water Pen	: Interior Extent : Mo : Interior 1	derate, Area Affec Face xtent : Moderate, 2	ted : 25%	6			
Masonry: Limestone	Jnt Morta	Now r Miss/Eroc : Coping	\$1,900 d, Extent : Modera	LIFE te, Area A	* * Affected : 25%	5	\$200	
Metal Panel	5%	· coping		2049	* *	5	\$700	
Metal Rail	20%			2042	* *	5-10	\$12,400	
Roof							+- <u></u> ,	
Copper/Terne Modified Bitumen	Blisters, E Location	: Over Sec	\$71,300 lerate, Area Affect cond Floor derate, Area Affec			10	\$2,200	
	Seams Op Location	: Over Sec Growth, E	tent : Moderate, A cond Floor Extent : Moderate,					
	Location	: Inrougn	out					
Skylight, Metal/Glass	Location	: Inrougn	out	2039	* *	10	\$1,200	

Interior

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

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

Asset # : 13234

Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$4,900	
Ceramic Tile	5%	0-2	\$2,300	2038	* *	5	\$600	
	Jnt Mortar Location		d, Extent : Moderat	te, Area 1	Affected : 10%			
Terrazzo	5%	0-2	\$2,700	LIFE	* *	5	\$900	
	Worn/Erod	ded, Extent	: Moderate, Area	Affected	: 25%			
	Location	: Entrance	2					
Vinyl Tile	80%			2034	* *	3	\$6,700	
Interior Walls								
Ceramic Tile	5%	0-2	\$800	2038	* *	5	\$700	
	Location	: Toilets	nents, Extent : Mod					
Concrete Masonry Unit	10% Broken/Mi	Now ssing Elem	\$1,200 hents, Extent : Mod	LIFE erate, Ar	* * ea Affected : 2%	5	\$1,100	
		: Basemen						
		etration, E : Basemen	xtent : Moderate, A nt	1rea Affe	cted : 2%			
Gypsum Board	60%			LIFE	* *	5	\$9,500	
Masonry: Brick	10%			LIFE	* *			
Plaster	5%	Now	\$2,200	LIFE	* *	5	\$400	
	Cracking/0	Crumbling,	Extent : Moderate	, Area A	ffected : 5%			
	Location	: Main Ro	om 1st And 2nd Fl	oor				
	Paint Peel	ing, Extent	: Moderate, Area	Affected	: 10%			
	Location	: Main Ro	om 1st And 2nd Fl	oor				
	-	-	, Extent : Moderate	-	ffected : 5%			
			om 1st And 2nd Fl					
			xtent : Severe, Are	00	d : 10%			
	Location	: Main Ro	om 1st And 2nd Fl	oor				
SGFT/Glazed Masonry	10%			LIFE	* *			

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

Asset # : 13234

Architecture		Current F	Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings								
AcousTileSusp.Lay-In	25%			2046	* *	5	\$5,600	
	-	-	Extent : Light, Ar		ed: 5%			
		: Main Ro	om 1st And 2nd Fl	oor				
Exposed Concrete	10%			LIFE	* *	5	\$300	
Gypsum Board		Now	\$7,200	LIFE	* *	5	\$16,700	
		-	e, Extent : Moderat	e, Area A	Affected : 10%			
			nd Basement					
			xtent : Moderate, 2	1rea Affe	ected : 25%			
	Location	: Toilets A	nd Basement					
Plaster	5%			LIFE	* *	5	\$700	
		-	e, Extent : Moderat	e, Area A	Affected : 5%			
	Location	: Toilets A	nd Basement					
			xtent : Moderate, A	1rea Affe	ected : 10%			
	Location	: Toilets A	nd Basement					
ite Enclosure								
Fence/Gates								
Iron Picket	100%			2064	* *			
Free Standing Walls								
Masonry: Brick		Now	\$1,200	2049	* *			
			ents, Extent : Mod	erate, Ar	ea Affected : 10%			
		: Rear Ga			1 100/			
			ent : Moderate, Are	ea Affecte	ed : 10%			
	Location	: Rear Ga	te					
Retaining Walls	1000/			2 064				
Cast in Place Concrete	100%			2064	* *			
Site Pavements								
Public Sidewalk	0.00/			2046	* *			
Cast in Place Concrete	90%			2046	* *			
Pavers/Stone	10%			2042				
On-Site Walkways	0.00/			20.42	* *			
Cast in Place Concrete	80% 20%			2042	* *			
Pavers/Stone	20%			2038				
Parking/Driveway	050/			2020	* *			
Asphalt	85%			2038	* *			
Cast in Place Concrete	15%			2042	-v v			
Electrical		Current F	Repair	Futur	e Replacement	Μ	laintenance	
System	% of		Estimated Cost		Estimated Cost			Duiquit
Component	% of Total	(Years)	Estimated Cost	Y ear FY	Estimated Cost	(Yrs)	Estimated Cost	Priority
Туре	IUtal	(Itals)		1,1		(113)		
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	100%			2040	* *	5	\$100	

Service Equipment					
Air Circuit Breaker	100%	2049	* *	5	\$100
Switchgear / Switchboard					
Air Circuit Breaker	100%	2049	* *	5	\$100
	10070	2049		5	\$100

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

Asset # : 13234

		A5561#.13	0234				
Electrical		Current Repair	Futur	e Replacement	М	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Raceway	1000/		• • • • •				
Conduit	100%		2049	* *	1		
Panelboards Fused Disc Sw	5%		2045	* *	5		
Molded Case Bkrs	90%		2045	* *	5 5	\$400	
Molded Case Bkrs	5%		2045	\$800	5	\$400	
Wiring	570		2020	\$600	5		
Braided Cloth	10%	2-4 \$2,900	2054	* *	1		
	Insulation	Aged, Extent : Moderate, Are	ea Affecte	ed : 100%			
	Location	: Basement					
Thermoplastic	90%		2049	* *	1		
Motor Controllers							
Locally Mounted	70%		2042	* *	5	\$100	
Locally Mounted	30%		2027	\$9,600	5		
Ground							
Grounding Devices Generic	1000/		LIEE	* *	5	\$200	
Lighting	100%		LIFE		5	\$200	
Interior Lighting							
LED	100%		2039	* *			
Egress Lighting							
Emergency, Battery	50%		2034	* *	10	\$2,000	
Exit, LED	10%		2069	* *	1		
Exit, Service	40%		2034	* *	1		
Exterior Lighting	1000/		• • • • •				
LED	100%		2039	* *			
Alarm							
Security System No Component	30%						
Generic	70%		2034	* *	1	\$4,300	
		ervation, Extent : Light, Area		! : 100%	1	\$ 1,5 0 0	
	Location	: Inside And Outside The Bu	ilding				
	Explana	tion : CCTV Surveillance Can	neras				
Fire/Smoke Detection							
Generic, Digital	100%		2034	* *	1-3	\$10,200	
Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)	FY		(Yrs)		
Heating			I				1
Energy Source							
Natural Gas	100%		2049	* *	1		
					-		

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

Asset # : 13234

			0234				
	Current F	Repair	Futur	e Replacement	Μ	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
							•
Location . Explanati	: Roof				1	\$4,900	
Other Obse Location	: Basemen	t Boiler Room			1	\$3,300	
40% 60%			2037	* *	4	\$500	
40% 60%			2042	* *	1	\$2,100	
100%			2037	* *	1		
90%			2029	\$184,300	2	\$900	
Location Other Obse Location	: Roof ervation, E : Roof	xtent : Light, Area					
			2029 Affected :	\$34,900 10%			
10% 90%			2029	\$31,100	1	\$500	
10% 90%			2029	\$8,900	2	\$1,200	
100%			LIFE	* *	2-5	\$9,200	
100%			2029	\$27,200	2	\$500	
1000/			2020	ب ب	1		
100%			2039	r *	1		
100%			2027	\$10,000	2	\$200	
	Total60%Other ObseLocationExplanati40%Other ObseLocationExplanati40%60%100%90%R-22 RefrigLocationExplanati10%R-22 RefrigLocationExplanati10%R-22 RefrigLocation10%90%10%90%	% of Total Fail Date (Years) 60% Other Observation, E Location : Roof Explanation : 3 Pace 40% 0ther Observation, E Location : Basemen Explanation : 1 Unit 40% 60% 40% 0ther Observation, E Location : Basemen Explanation : 1 Unit 40% 60% 40% 60% 40% 60% 40% 60% 100% 90% R-22 Refrigerant, Ext Location : Roof 0ther Observation, E Location : Roof 0ther Observation, E Location : Noof 10% 8-22 Refrigerant, Ext Location : 1 Unit In 10% 90% 10% 90% 10% 90% 10% 90%	Total (Years) 60% Other Observation, Extent : Light, Area Location : Roof Explanation : 3 Package Units 40% Other Observation, Extent : Light, Area Location : Basement Boiler Room Explanation : 1 Unit 40% 60% 40% 60% 40% 60% 40% 60% 40% 60% 40% 60% 100% 90% R-22 Refrigerant, Extent : Light, Area Location : Roof Other Observation, Extent : Light, Area Location : Roof Explanation : 3 Package Units 10% R-22 Refrigerant, Extent : Light, Area Location : 1 Unit In Roof 10% 90% 10% 90% 10% 90% 100% 100% 100%	% of TotalFail Date (Years)Stimated Cost FY60%2029Other Observation, Extent : Light, Area Affected Location : Roof2042Explanation : 3 Package Units40%40%2042Other Observation, Extent : Light, Area Affected Location : Basement Boiler Room Explanation : 1 Unit203740%203760%20420ther Observation, Extent : Light, Area Affected Location : Basement Boiler Room Explanation : 1 Unit203740%203790%2029R-22 Refrigerant, Extent : Light, Area Affected : Location : Roof20290ther Observation, Extent : Light, Area Affected : Location : Roof2029R-22 Refrigerant, Extent : Light, Area Affected : Location : Roof2029R-22 Refrigerant, Extent : Light, Area Affected : Location : 1 Unit In Roof202910%202990%202910%202990%202910%202990%2029	% of Total Fail Date (Years) Stimated Cost FY Year Estimated Cost FY 60% 2029 \$23,100 Other Observation, Extent : Light, Area Affected : 60% Location : Roof 2042 *** 40% 2042 *** Other Observation, Extent : Light, Area Affected : 40% Location : Basement Boiler Room Explanation : 1 Unit 2037 *** 40% 2037 *** 60% 2029 \$184,300 R-22 Refrigerant, Extent : Light, Area Affected : 90% Location : Roof 2029 \$184,300 R-22 Refrigerant, Extent : Light, Area Affected : 90% Location : Roof 2029 \$34,900 R-22 Refrigerant, Extent : Light, Area Affected : 10% Location : Roof 2029 \$34,900 R-22 Refrigerant, Extent : Light, Area Affected : 10% Location : Roof 2029 \$34,900 R-22 Refrigerant, Extent : Light, Area Affected : 10% Location : 1 Unit In Roof 2029 \$34,900 10% 2029 \$8,900 90% \$34,900 10% 2029 \$8,900 \$30% \$31,100 \$30% 100% 2029 \$8,900 \$30% \$31,100	% of Fail Date Estimated Cost Total Year (Years) Estimated Cost (Yrs) Cycle (Yrs) 60% 2029 \$23,100 1 00ther Observation, Extent : Light, Area Affected : 60% 2042 ** 1 40% 2042 ** 1 0ther Observation, Extent : Light, Area Affected : 40% 2042 ** 1 0ther Observation, Extent : Light, Area Affected : 40% 2037 ** 4 00% 2037 ** 1 40% 2037 ** 1 100% 2037 ** 1 90% 2029 \$184,300 2 <i>R-22 Refrigerant, Extent : Light, Area Affected : 90%</i> Location : Roof 1 0ther Observation, Extent : Light, Area Affected : 90% Location : Roof 1 10% 2029 \$34,900 2 <i>R-22 Refrigerant, Extent : Light, Area Affected : 10%</i> 1 1 10% 2029 \$34,900 2 <i>R-22 Refrigerant, Extent : Light, Area Affected : 10%</i> 2 2 100% <t< td=""><td>% of Fail Date Estimated Cost Total (Years) Year Estimated Cost (Yrs) Cycle Estimated Cost (Yrs) Estimated Cost (Yrs) 60% 2029 \$23,100 1 \$4,900 Other Observation, Extent : Light, Area Affected : 60% 1 \$4,900 Other Observation, Extent : Light, Area Affected : 60% 1 \$3,300 Other Observation, Extent : Light, Area Affected : 40% 1 \$3,300 Location : Basement Boiler Room Explanation : 1 Unit 40% 2037 ** 4 \$500 40% 2017 ** 1 \$2,100 60% 60% 2037 ** 1 \$2,100 60% 2017 ** 1 \$2,100 60% 500 52,100 500 52,100 500 52,100 500 52,100 500 52,100 500 52,100 500 52,100 500 534,900 2 \$900 534,900 5500 5500 50,200 51,200 500 500 500 500 500 500 500 500 500</td></t<>	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost (Yrs) Cycle Estimated Cost (Yrs) Estimated Cost (Yrs) 60% 2029 \$23,100 1 \$4,900 Other Observation, Extent : Light, Area Affected : 60% 1 \$4,900 Other Observation, Extent : Light, Area Affected : 60% 1 \$3,300 Other Observation, Extent : Light, Area Affected : 40% 1 \$3,300 Location : Basement Boiler Room Explanation : 1 Unit 40% 2037 ** 4 \$500 40% 2017 ** 1 \$2,100 60% 60% 2037 ** 1 \$2,100 60% 2017 ** 1 \$2,100 60% 500 52,100 500 52,100 500 52,100 500 52,100 500 52,100 500 52,100 500 52,100 500 534,900 2 \$900 534,900 5500 5500 50,200 51,200 500 500 500 500 500 500 500 500 500

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.

Asset # : 13234

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				
Storm Drain Piping				
Cast Iron	100% Now \$700	LIFE **	1	
	Blockage /Clogged, Extent : Severe, Ar	ea Affected : 5%		
	Location : Toilet Water Backs Up In	00	It Rains.	
Fixtures				
Generic	100%			
Vertical Transport				
Elevators				
Hydraulic	100%	LIFE **		
5	Other Observation, Extent : Light, Area	a Affected : 100%		
	Location : Basement To 2nd Floor			
	Explanation : One Unit Goes Down A	Ilmost Every Month.		

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

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

BROOKLYN PUBLIC LIBRARY - FY 2020 Print Date: 12-Sep-2019

Asset Name Address			CH LIBRARY E. @HANCOC	K ST.		
Borough	: BROOK	LYN		Agency's Number	: 22	
Program / Asset #	: BPL0B22	2.000 / 1323	5	Yr Built/Renovated	: 1905 / 2005	
Area Sq Ft	: 17,184			Project Type	: BROOKLYN PUBLI	C LIBRARY
Date of Survey	: 24-Oct-2	017		Landmark Status	: NONE	
Areas Surveyed	: Basemen	t, Roof, Flo	ors 1,2,mez			
Block	: 1997	Lot	: 32	BIN	: 3057384	
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture			\$214,300		\$38,300
Interior Architect	ure			\$40,300		
Mechanical						\$416,800
Total				\$254,600		\$455,200
Importance Code	А			\$214,300		\$38,300
Importance Code				\$40,300		\$416,800
Total				\$254,600		\$455,200
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$74,600	\$700		\$700
Interior Architect	ure		\$33,900	\$3,200	\$1,600	\$1,900
Electrical			\$9,300	\$600	\$500	\$18,800
Mechanical			\$29,900	\$1,600	\$3,700	\$1,600
Site Enclosure			\$4,600			
Site Pavements			\$1,100			
Elevators/Escalat	ors		\$3,900	\$3,900	\$3,900	\$3,900
Total			\$157,300	\$10,100	\$9,700	\$27,000
Importance Code	А		\$75,400	\$1,500	\$900	\$1,800
Importance Code	В		\$58,200	\$8,600	\$7,800	\$25,200
Importance Code	С		\$23,700		\$1,000	
Total			\$157,300	\$10,100	\$9,700	\$27,000



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

Asset # : 13235

chitecture	Current Repair Future Replacement			М			
stem Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Exterior Walls					_		
Cast Stone/Terra Cotta	15% Now		LIFE	* *	5	\$38,300	
	Cracking/Crumbling, Ex	ctent : Moderate,	Area Af	fected : 20%			
	Location : Chimney	ata Anag Affaata	1.100/				
	Crazing, Extent : Moder Location : Chimney	uie, Area Ajjecie	<i>a</i> . 1070				
	Jnt Mortar Miss/Erod, E	Trient · Moderate	Area 4	ffected · 25%			
	Location : Chimney	mouer are	, 11 <i>1 cu</i> 11	<i><i>Jjecicu</i> . 2570</i>			
Masonry: Brick	85% Now	\$177,500	LIFE	* *	5	\$27,800	
Masonry. Blick	Cracking/Crumbling, Ex			fected · 15%	5	\$27,800	
	Location : Throughout		111 cu 11 <u>1</u>				
	Jnt Mortar Miss/Erod, E		. Area A	ffected : 20%			
	Location : Throughout		,				
	Spalling, Extent : Light,		0%				
	Location : Throughout						
Windows							
Aluminum	100% Now	\$30,800	2037	* *	5	\$1,700	
	Corrosion/Rusting, Exte Location : Throughout		rea Affe	cted : 50%			
	Hardware Missing, Exte	nt : Moderate, A	rea Affe	cted : 20%			
	Location : Throughout						
	Caulking Deteriorated,		e, Area .	Affected : 100%			
	Location : Throughout						
	Unit Inoperable, Extent		ı Affecte	d : 20%			
	Location : Throughout						
	Water Penetration, Exte	nt : Moderate, Ai	rea Affe	cted : 5%			
	Location : Basement						
Parapets	100/ 1	\$4,000	LIEE	* *	5	¢ 2 000	
Cast Stone/Terra Cotta	10% Now Jnt Mortar Miss/Erod, E	¥)	LIFE		5	\$2,800	
	Location : Coping	meni . mouerale	, лгеи А	<i>yjecieu</i> . <i>257</i> 0			
	Caulking Deteriorated,	Extent · Moderat	e Area	Affected · 25%			
	Location : Coping	Batent : model at	c, 11/cu 1	1))00104 . 2070			
Masonry: Brick	80% Now	\$18,000	LIFE	* *	5	\$2,900	
Mason y. DITCK	Jnt Mortar Miss/Erod, E			ffected : 15%	5	\$2,900	
	Location : Throughout		,				
	Water Penetration, Exte		rea Affe	cted : 20%			
	Location : Over Class						

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.

Asset # : 13235

Architecture		Current	Repair	Futur	e Replacement	N	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cos	t Cycle (Yrs)	Estimated Cost	Priority
xterior								
Roof								
Asphalt Shingle	25%			2032	* :	10	\$700	
Single Ply Membrane		Now	\$20,900	2034	* :	*		
		00	ent : Moderate, Are	ea Affecte	ed : 5%			
		: Through						
	0		tent : Moderate, A	rea Affec	ted : 30%			
		: Through						
		i Growth, I : At Drair	Extent : Moderate, . as	Area Affe	ected : 2%			
	Water Per	etration, E	Extent : Moderate, A	4rea Affe	cted : 5%			
	Location	: Over 2n	d Floor					
Soffits								
Cast in Place Concrete	100%			LIFE	* :	* 5		
terior								
Floors							*	
Carpet	23%			2025	\$71,300		\$7,900	
Cast in Place Concrete	5%			LIFE	* *	5	\$2,500	
Ceramic Tile	5%			2038	* *	5	\$1,100	
Marble Panels	2%		<i>†</i> 1 0 0 0 0	LIFE	* :	5	\$300	
Vinyl Tile		Now	\$40,300	2034		5	\$5,600	
		ssing Elen : Through	nents, Extent : Mod out	erate, Ar	ea Affected : 5%			
	-	Crumbling : First Flo	, Extent : Light, Ard oor	ea Affect	ed : 15%			
			Moderate, Area A por And Mezzanine		30%			
Interior Walls								
Ceramic Tile	5%			2038	* :	* 5	\$2,100	
Concrete Masonry Unit	2%	Now	\$1,000	LIFE	* :	* 5	\$300	
		-	ients, Extent : Seve ical Room Near Au		Affected : 25%			
Gypsum Board	40%			LIFE	* :	* 5	\$10,000	
Masonry: Brick	5%			LIFE	* :			
,	Broken/M	issing Elen : At Areav	ients, Extent : Mod vavs		ea Affected : 5%			
	Water Pen	etration, E	xtent : Moderate, A ion Wall At Boiler					
Plaster		Now	\$17,000	LIFE	*:	* 5	\$6,000	
1 105101			\$17,000 Extent : Severe, Are			5	\$0,000	
			out Basement	и луесте	u . 2570			

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.

Asset # : 13235

Architecture		Current Repair Future Replacement			N			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								•
Ceilings								
AcousTileSusp.Lay-In	5%			2042	* *	5	\$1,100	
	-	-	, Extent : Light, Ar	ea Affect	ed : 2%			
	Location	: Through	out					
Gypsum Board	45%			LIFE	* *	5	\$12,900	
Plaster	50%	Now	\$15,900	LIFE	* *	5	\$7,200	
		l Cracks, E : Classroo	Extent : Moderate, 1 om 3	4rea Affe	cted : 5%			
	Staining/L	Discoloring	, Extent : Moderate	e. Area A	ffected : 5%			
		: Through			0			
		-	Extent : Moderate, 2	4rea Affe	cted : 20%			
			ne, 2nd Floor Clas					
Site Enclosure								
Fence/Gates								
Chain Link	50%			2049	* *			
Iron Picket	50%	0-2	\$4,600	2049	* *			
			Extent : Moderate, 2	Area Affe	cted : 10%			
	Location	: Through	out					
	Deteriora	ted Finish,	Extent : Moderate,	Area Af	fected : 25%			
	Location	: Through	out					
Retaining Walls								
Cast in Place Concrete	25%			2049	* *			
Masonry: Brick	75%			2039	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
On-Site Walkways								
Cast in Place Concrete	70%		.	2042	* *			
Masonry: Granite	25%	4+	\$1,100	LIFE	**			
			d, Extent : Modera	te, Area 4	Affected : 15%			
	Location	: Main En	trance					
Pavers/Stone	5%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2042	* *			
	-	-	, Extent : Light, Ar	ea Affect	ed : 2%			
	Location	: South Si	de					
Activity Yard								
Cast in Place Concrete	75%			2042	* *			
Pavers/Stone	25%			2038	* *			
Electrical		Current	Repair	Futur	e Replacement	N	laintenance	

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
TT 1 (00 TT 1)				

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 # : 13235

ASSEL # . 15255										
Electrical		Current Repair Future Replacement					Maintenance			
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit		
Jnder 600 Volts										
Service Equipment										
Molded Case Bkrs	100%			2049	* *	5	\$500			
	Location	n : Basement	ent : Light, Area							
~	Explana	tion : One 600	Amperes Main	Disconn	ect Switch					
Switchgear / Switchboard Molded Case Bkrs	100%			2049	* *	5	\$500			
Raceway										
Conduit	70%			2049	* *	1				
Conduit	30%			2029	\$9,900	1				
Panelboards						_				
Fused Disc Sw	5%			2045	* *	5				
Molded Case Bkrs	85%			2045	* *	5	\$400			
Molded Case Bkrs	10%			2028	\$1,600	5				
Wiring										
Braided Cloth		Aged, Extent	\$8,800 : Moderate, Are : The Building	2054 ea Affecte	* * d : 100%	1				
Thermoplastic	70%			2049	* *	1				
Motor Controllers	, 0, 0			2019		-				
Locally Mounted	100%			2042	* *	5	\$100			
fround										
Grounding Devices										
Generic	100%			LIFE	* *	5	\$300			
ighting										
Interior Lighting										
Fluorescent	60%			2034	* *	10	\$9,500			
	Location		ent : Light, Area The Building ps	Affected	: 100%					
Fluorescent	40%			2034	* *	10	\$6,300			
	T-5 Lamp	s And Fixtures	, Extent : Light, The Building		fected : 100%					
Egress Lighting										
Emergency, Battery	50%			2034	* *	10	\$2,100			
Exit, LED	30%			2057	* *	1				
Exit, Service	20%			2034	* *	1				
Exterior Lighting										
HID	100%			2034	* *	10	\$100			
larm										
Security System										
No Component	70%									
Generic	30%			2034	* *	1	\$1,900			
Fire/Smoke Detection										
No Component	70%									
Generic, Digital	30%			2034	* *	1-3	\$3,200			

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

Asset # : 13235

Mechanical	Current Repair Future Replacer				e Replacement	ent Maintenance		
System Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Туре	Total	(Years)		FY		(Yrs)		
leating								
Energy Source								
Natural Gas	100%			2049	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2042	* *	1	\$8,500	
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%		-	
	Location	: Sub-base	ement					
	Explana	tion : One	Unit					
Distribution								
Hot Wtr Piping/Pump	100%		\$1,300	2045	* *	4	\$800	
			loderate, Area Affe	cted : 5%	0			
		: Through						
			Extent : Moderate,	Area Aff	fected : 20%			
		: Boiler R						
			Extent : Moderate,		ected : 30%			
	Location	t : Not Eno	ugh Heat On 2nd F	loor				
Terminal Devices	200/			2020	¢71.000	1	¢2 200	
Air Handler	30%			2029	\$71,800 * *	1	\$3,200	
Convector/Radiator	70%			2042		1	\$3,900	
Air Conditioning Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment	10070			2010		-		
Interior Pkg Unit -	25%	0-2	\$8,000	2027	\$159,200	2	\$200	
Cooling			+ -)		+ <i>)</i>		• • •	
-		igerant, Ex : AC Roor	tent : Light, Area A n	Iffected :	100%			
	Other Obs	ervation, E	Extent : Moderate, .	Area Affe	cted : 100%			
		: AC Roor		00				
	Explana	tion : Ineffi	cient Units. 3 Port	able Unit	s Being Used In M	lain Floc	or.	
Exterior Pkg Unit - Cooling	60%	0-2	\$4,100	2029	\$82,700	2	\$500	
		igerant, Ex : Roof - 2	tent : Light, Area A Units	Iffected :	100%			
	Other Obs	ervation, E	Extent : Moderate, .	Area Affe	cted : 100%			
	Locatior			55				
	Explana	tion : Ineffi	cient Units					
Split Unit	15%			2029	\$54,500			
1		igerant, Ex	tent : Light, Area A					
	Location		-					
Terminal Devices								
Fan Coil - 2 Pipe	15%			2029	\$48,600	1	\$800	
No Component	85%							
Heat Rejection								
Air Cooled Condenser	15%			2029	\$5,100	2	\$1,800	
Unit	_							
No Component	85%							

Ventilation

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.

Asset # : 13235

Mechanical		Current I	Renair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priorit
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,600	
Exhaust Fans								
Interior	40%			2029	\$24,200	2	\$200	
Roof	60%			2029	\$17,000	2	\$300	
Plumbing H/C Water Piping								
Brass/Copper	70%			2039	* *	1		
Galvanized Steel	30%	0-2	\$1,100	2027	\$22,400	1		
			loderate, Area Affe 1t Lunch Room	cted : 10				
Water Heater								
Gas Fired	100%			2027	\$10,400	2	\$300	
Sanitary Piping								
Cast Iron	100%	Now	\$12,500	LIFE	* *	1		
			Extent : Severe, Are Avenue Side	a Affecte	ed : 20%			
			r Backs Up Into Ba	som out 1	Destución Doilar D	oom Ind	Auditorium	
Starry Durin Dining	Explanal	ion : waie	r Баскs Ор Inio Ба	sement I	Kestroom, Dotter K	oom Ana	Auditorium	
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
	100%			LIFE		1		
Sump Pump(s) Submersible	100%			2021	\$600	4	\$500	
Fixtures	10070			2021	\$000	4	\$300	
Generic	100%							
	100%							
/ertical Transport								
Elevators	1000/			LIPP	* *			
Hydraulic	100%	,. .	-, , <u>-</u> -, ,	LIFE				
			Extent : Light, Area	Affected	: 100%			
			nt To 2nd Floor					
	Explanat	tion : 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.

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name	: BOROUG	GH PARK BRANCH LIB	BRARY	
Address	: 1265 43R	D ST. @13TH AVENUE		
Borough	: BROOKI	LYN	Agency's Number	: 25
Program / Asset #	: BPL0B25	5.000 / 13236	Yr Built/Renovated	: 1955 / 2003
Area Sq Ft	: 19,594		Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 21-Sep-20)17	Landmark Status	: NONE
Areas Surveyed	: Basement	t, Roof, Floors 1,2		
Block	: 5598	Lot : 48	BIN	: 3135907
CAPITAL			FY 2021 - 2024	FY 2025 - 2030
Exterior Architec	ture		\$263,700	
Interior Architect	ure			\$207,800
Flectrical			\$160,300	\$51,900

Total	\$694,600	\$401,500
Importance Code B	\$431,000	\$311,700
Importance Code A	\$263,700	\$89,800
Total	\$694,600	\$401,500
Mechanical	\$270,700	\$141,800
Electrical	\$160,300	\$51,900

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$25,400			
Interior Architecture	\$43,800		\$1,800	\$3,400
Electrical	\$7,900	\$2,300	\$1,900	\$6,600
Mechanical	\$31,600	\$2,200	\$3,200	\$52,400
Site Pavements	\$2,200			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$114,800	\$8,400	\$10,800	\$66,400
Importance Code A	\$44,000	\$1,000	\$1,000	\$1,000
Importance Code B	\$58,200	\$7,500	\$8,800	\$65,400
Importance Code C	\$12,600		\$1,100	
Total	\$114,800	\$8,400	\$10,800	\$66,400



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

Asset # : 13236

rchitecture		Current Repair Future Replacement			re Replacement	М		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls	0.40/	NT	#04.200	LIPP	* *	-	¢2(400	
Masonry: Brick	Diagonal Location	: Bulkhead	\$84,300 tent : Moderate, Ar l Stair l, Extent : Moderat		ted : 5%	5	\$26,400	
		: Through		-,				
	Water Pen	-	xtent : Moderate, A	1rea Affe	ected : 5%			
	Location	: East Side	xtent : Moderate, 2 e And Bulkhead Sta s To Prevent Water	ir				
Masonry: Granite		2-4 • Miss/Erod : Front Fa	\$5,300 d, Extent : Light, Al cade	LIFE rea Affec	* * cted : 10%	5	\$600	
Masonry: Limestone	3%			LIFE	* *	5	\$600	
Windows								
Aluminum	Unit Inope Location Water Pen	: Front Fa	xtent : Moderate, A			5	\$1,900	
Parapets								
Masonry: Brick	Jnt Mortan Location Spalling, 1 Location Water Pen Location Other Obs Location	: South Fa Extent : Mo : Interior : etration, E : Above Sa ervation, E : Through	derate, Area Affect Face xtent : Moderate, A econd Floor Windo xtent : Moderate, A	ted : 20% 1rea Affe ws 1rea Affe	6 ected : 10% ected : 25%	5	\$2,900	
					valer Infiliration **	-	¢200	
Masonry: Limestone	Jnt Mortan Location	: Through	\$3,300 d, Extent : Moderat out ixtent : Moderate, 2		Affected : 10%	5	\$200	
		: Through		55				
	Explanat	ion : Cove	red With Tarp To H	Prevent V	Vater Infiltration			

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.

Asset # : 13236

Architecture		Current F	Repair	Futur	e Replacement	N	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	t Cycle (Yrs)	Estimated Cost	Priorit
xterior						•		
Roof								
Built-Up (BUR)	Alligatorin Location Patching I Location Ponding, I Location Water Pen	: Through Evident, Ex : Through Extent : Mo : Through etration, E	tent : Moderate, An out derate, Area Affec out xtent : Moderate, 2	rea Affec ted : 5% Area Affe	ted : 5%	e		
		: Roof Fla	shing Around Stair					
Skylight, Metal/Glass	5%			2049	* *	* 10	\$3,100	
Soffits Cement-Fiber Panel	100%			2029		10		
terior	10070			2029		10		
Floors								
Cast in Place Concrete	5%			LIFE	* *	۰ 5 ۲	\$3,000	
Ceramic Tile	5%			2038	* *		\$1,400	
Terrazzo	5%			LIFE	* *		\$1,100	
Vinyl Tile	83%	0-2	\$20,800	2029	\$207,800		\$8,700	
	Location	Evident, Ex : Through	tent : Moderate, Ai out		ted : 10%		¢1.000	
Wood	2%			2044	* *	* 5	\$1,000	
Interior Walls	=0/			••••	لد مله		#2 100	
Ceramic Tile	5%			2038	* *	5	\$2,100	
Concrete Masonry Unit	5%			LIFE	* *	5	\$800	
Glass: Single Pane	2%		*	LIFE	* *	5	\$600	
Gypsum Board	Location Water Pen	ing, Extent : Office Ai etration, E	\$1,900 : Moderate, Area ad Basement xtent : Moderate, A			* 5	\$12,700	
	Locution	: Office Al	nd Basement					
Masonry: Brick	5% Effloresce Location	0-2 nce, Extent : Stair etration, E	nd Basement \$1,800 : Moderate, Area xtent : Moderate, A			\$		
	5% Effloresce Location Water Pen Location	0-2 nce, Extent : Stair etration, E	\$1,800 : Moderate, Area	Affected Area Affe	: 5%			
Marble Panels	5% Effloresce Location Water Pen Location 3%	0-2 nce, Extent : Stair etration, E : Stair	\$1,800 : Moderate, Area xtent : Moderate, A	Affected Area Affe LIFE	: 5% cted : 5%	4	\$2 200	
	5% Effloresce Location Water Pen Location 3% 25% Cracking/ Location Water Pen	0-2 nce, Extent : Stair etration, E : Stair Now Crumbling, : Staff Stat	\$1,800 : Moderate, Area xtent : Moderate, A \$9,000 Extent : Moderate r xtent : Severe, Are	Affected Area Affe LIFE LIFE e, Area A	: 5% cted : 5% ** ffected : 10%	4	\$3,200	

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

Asset # : 13236

Architecture		Current	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		Now	\$500	2042	* *	5	\$1,400	
	0	0	, Extent : Moderate	e, Area A	ffected : 2%			
		: Basemer			1 20 /			
			Extent : Moderate, A	irea Affe	cted : 2%			
		: Basemer	it					
Exposed Concrete	10%			LIFE	* *	5	\$400	
Gypsum Board	65%	0-2	\$4,000	LIFE	* *	5	\$23,100	
			Extent : Light, Area	Affected	: 2%			
		: Assembl	·					
Plaster	-	Now	\$5,900	LIFE	* *	5	\$2,700	
	-	-	, Extent : Moderate	, Area Aj	ffected : 10%			
		: Staff Sta						
			Extent : Moderate, A	1rea Affe	cted : 10%			
	Location	: Staff Sta	ir					
Site Enclosure								
Fence/Gates	1000/			20.40	* *			
Iron Picket	100%		Future Links Ann	2049				
		ea Finish, : Through	Extent : Light, Are	a Affecte	a : 5%			
Ence Stending Wells	Locuiton	. Inrougn	000					
Free Standing Walls Masonry: Brick	100%			2049	* *			
Retaining Walls	10070			2049				
Cast in Place Concrete	100%			2064	* *			
Site Pavements	10070			2004				
Public Sidewalk								
Cast in Place Concrete	100%	4+	\$2,200	2042	* *			
		•	Extent : Moderate		ffected : 5%			
	-	: Through		, <u>,</u>	0			
On-Site Walkways		3						
Cast in Place Concrete	100%			2042	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2042	* *			

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

Asset # : 13236

Electrical		Current	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
nder 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2029	\$1,400	5	\$100	
			Extent : Light, Area	Affected	1:100%			
		ı : Electrice						
	Conditio	oning	400 Amperes Main			uilding 2	And Air	
Fused Disc Sw	10%			2029	\$200	5		
	Other Ob.	servation, E	Extent : Light, Area	Affected	: 100%			
	Location	ı : Electrico	al Room					
	Explana	tion : One .	200 Amperes Main	Disconn	ect Switch For Em	ergency		
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	\$34,200	5	\$500	
Raceway								
Conduit	10%			2055	* *	1		
Conduit	90%			2029	\$29,800	1		
Panelboards								
Fused Disc Sw	5%			2028	\$800	5		
Molded Case Bkrs	75%			2051	* *	5	\$400	
Molded Case Bkrs	20%			2028	\$3,200	5	\$100	
Wiring								
Braided Cloth	20%		\$5,900	2054	* *	1		
		Aged, Extent 1 : Mechant	ent : Moderate, Are ical Room	ea Affecte	ed : 100%			
Thermoplastic	20%			2029	\$5,900	1		
Thermoplastic	60%			2055	**	1		
Motor Controllers	0070			2000		-		
Locally Mounted	100%			2027	\$32,000	5	\$100	
round	10070			2027	<i>\$52,000</i>	5	\$100	
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
ighting						-	4000	
Interior Lighting								
Fluorescent	15%			2024	\$31,100	10	\$2,700	
			tures, Extent : Ligh				*)	
		n : Basemer	-					
Fluorescent	25%			2029	\$51,900	10	\$4,500	
Thoreseem			ures, Extent : Light,			10	φτ,500	
	-		out The Building	211 cu 21jj	eeleu . 10070			
LED	60%	-	In Dunning	2039	* *			
Egress Lighting								
Emergency, Battery	50%			2029	\$14,000	10	\$2,400	
Exit, Service	50%			2029	\$1,500	1		
Exterior Lighting								
Fluorescent	100%			2024	\$66,400	10	\$1,800	

Alarm

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

Asset # : 13236

Electrical	Curren	t Repair	Future	e Replacement	М	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
larm							
Security System	1000/		2024	¢(2,700	1	¢7.200	
Generic	100% Other Observation	Extent : Light, Area	2024 Affected	\$62,700 • 100%	1	\$7,300	
		shout The Building	Ајјестеи	. 10070			
		usion Alarm Only, N	Aotion Set	nsors			
Fire/Smoke Detection	_						
Generic, Digital	100%		2034	* *	1-3	\$12,100	
Mechanical	Curren	t Repair	Futur	e Replacement	М	aintenance	
System		-					D
Component Type	% of Fail Da Total (Years	te Estimated Cost)	y ear FY	Estimated Cost	(Yrs)	Estimated Cost	Priorit
Ieating							
Energy Source							
Natural Gas	100%		2039	* *	1		
Conversion Equipment	200/		2024	* *	1	¢1.000	
Furnace	20%	Future Links Auro	2034		1	\$1,900	
	Location : Roof	Extent : Light, Area	Ajjecieu	. 20%			
	-	e Rooftop Package U	Init				
Furnace	20% 0-2	\$500	2029	\$9,100	1	\$1,700	
1 unlace		nt, Extent : Moderate			1	\$1,700	
	Location : Roof		,				
	-	Extent : Light, Area	Affected	: 20%			
	Location : Roof						
	Explanation : On	e Rooftop Package U	Init				
Hot Water Boiler	60% Now	\$18,000	2027	\$89,800	1	\$5,200	
	Corroded, Extent :	Severe, Area Affecte	d : 60%				
	Location : Basem						
		Extent : Light, Area	Affected	: 60%			
	Location : Basem						
<u></u>	Explanation : 1 U	Init					
Distribution Hot Wtr Piping/Pump	60%		2037	* *	4	\$900	
No Component	40%		2037		4	\$900	
Terminal Devices	70/0						
Convector/Radiator	50%		2027	\$52,000	1	\$3,200	
Fan Coil Unit/Heat	10%		2027	\$29,100	1	\$600	
No Component	40%		- .	+=>,100	-	4000	
Air Conditioning							
Energy Source							
Electricity	100%		2037				

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.

Asset # : 13236

	Assel # .	13230						
Mechanical	Current Repair	Future	Replacement	Μ	aintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit		
Air Conditioning								
Conversion Equipment Int Pkg Unit - Heating/Cooling	20%	2023	\$82,600	2	\$200			
6 6	R-22 Refrigerant, Extent : Light, Are Location : 1 Unit Basement Boiler		0%					
Ext Pkg Unit - Heating/Cooling	40% 0-2 \$4,90	0 2024	\$97,200	2	\$400			
	R-22 Refrigerant, Extent : Light, Area Affected : 40% Location : 1 Unit On Roof							
	Other Observation, Extent : Moderate, Area Affected : 40% Location : Roof							
	Explanation : Not Energy Efficient							
Ext Pkg Unit - Heating/Cooling	40%	2034	* *	2	\$500			
	Other Observation, Extent : Light, Area Affected : 40% Location : Roof							
	Explanation : 1 Rooftop Package U	Unit, R-410a						
Terminal Devices	2007	2024	#00.000		¢1.000			
Fan Coil - 4 Pipe	20%	2024	\$90,900	1	\$1,300			
No Component	80%							
Heat Rejection Dry Cooler	20%	2024	\$21,100	2	\$2,700			
No Component	80%	2021	\$21,100	2	\$2,700			
ventilation								
Distribution								
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$10,900			
Exhaust Fans	2007	2020	#10 000		#100			
Interior	20%	2029	\$13,800 * *	2	\$100 \$500			
Roof	80%	2034		2	\$500			
Plumbing H/C Water Piping								
Brass/Copper	100% Now \$7,20	0 2039	* *	1				
11	Leak Evident, Extent : Severe, Area							
	Location : Cold Water Pipe, Inside	e The Wall Of T	The 1st Floor Wo	ork Room	1.			
	Other Observation, Extent : Modera Location : 2nd Floor	te, Area Affect	ed : 20%					
	Explanation : There Is No Hot Wat Floor.	ter At Circulati	ion Pump, Causi	ng No H	ot Water On Top			
Water Heater Gas Fired	100%	2027	\$11,800	2	\$300			
Sanitary Piping Cast Iron	100%	LIFE	* *	1				
Storm Drain Piping Cast Iron	100%	LIFE	* *	1				
Fixtures Generic	100%							
ertical Transport								

Vertical Transport

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

Asset # : 13236

Mechanical	Current Repair	Future Re	eplacement	Μ	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport		•				
Elevators						
Hydraulic	100%	LIFE	* *			
-	Other Observation, Extent : Light, Area	Affected : 10	00%			
	Location : Basement To 2nd Floor					
	Explanation : 1 Unit Goes Down Very	Often.				

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.

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address	: BRIGHTON BEACH BRANCH LIBE : 16 BRIGHTON FIRST ROAD @BRIC	
Borough	: BROOKLYN	Agency's Number : 24
Program / Asset #	: BPL0B24.000 / 13237	Yr Built/Renovated : 1992 / 2016
Area Sq Ft	: 12,166	Project Type : BROOKLYN PUBLIC LIBRARY
Date of Survey	: 27-Oct-2017	Landmark Status : NONE
Areas Surveyed	: Roof, Floors 1	
Block	: 8680 Lot : 32	BIN : 3245028

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$9,100			\$33,500
Interior Architecture		\$8,200		
Electrical	\$400	\$500	\$300	\$500
Mechanical	\$1,600	\$1,300	\$2,800	\$1,300
Total	\$11,100	\$10,000	\$3,100	\$35,300
Importance Code A	\$9,700	\$600	\$600	\$34,100
Importance Code B	\$1,400	\$9,400	\$2,500	\$1,200
Importance Code C				
Total	\$11,100	\$10,000	\$3,100	\$35,300



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.

Asset # : 13237

Architecture		Current Repair	Futur	e Replacement	Μ		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Glass Block	2%		LIFE	* *	5	\$300	
Masonry: Brick	98%		LIFE	* *	5	\$21,100	
Windows							
Aluminum	100%		2045	* *	5	\$1,800	
Parapets	100/				_	**	
Cast Stone/Terra Cotta	10%		LIFE	**	5	\$2,900	
	-	place Evident, Extent : Light,	Area Aff	ected : 100%			
	Location	: Roof					
Concrete Masonry Unit	90%		LIFE	* *	5	\$3,900	
Roof							
Single Ply Membrane	98%		2034	* *	10	\$33,400	
	-	place Evident, Extent : Light,	Area Aff	ected : 100%			
	Location	: Roof					
Skylight, Metal/Glass	2%		2049	* *	10	\$2,300	
Soffits							
Exposed Struc: Steel	98%	4+ \$9,100	LIFE	* *	5	\$2,900	
		Rusting, Extent : Moderate,	00	cted : 50%			
	Location	: Window Lintels And Relief	Angles				
Stucco Cement	2%		2034	* *	5		
Interior							
Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$2,000	
Quarry Tile	5%		2042	* *	5	\$1,400	
Vinyl Tile	90%		2034	* *	3	\$6,100	
Interior Walls							
Concrete Masonry Unit	10%		LIFE	* *	5	\$600	
Glass: Single Pane	5%		LIFE	* *	5	\$500	
Glazed Ceramic Panel	5%		LIFE	* *			
Gypsum Board	80%		LIFE	* *	5	\$6,600	
Ceilings							
AcousTileSusp.Lay-In	60%		2042	* *	5	\$10,900	
Gypsum Board	40%		LIFE	* *	5	\$9,100	
Site Enclosure							
Fence/Gates							
Iron Picket	100%		2064	* *			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2042	* *			
Parking/Driveway							
Asphalt	100%		2038	* *			
Activity Yard							
Pavers/Stone	100%		2038	* *			

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.

Asset # : 13237

Electrical		Current Repa	air	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Service Equipment								
Fused Disc Sw	100%)		2039	* *	5	\$100	
		servation, Exter	-	Affected	: 100%			
		n : Electrical Ro						
	Explana	ition : Main Ser	vice Disconnec	t Switch	Rated At 400 Amp	peres		
Switchgear / Switchboard								
Molded Case Bkrs	100%		.	2039	**	5	\$300	
		servation, Exter	•	Affected	: 100%			
		n : Electrical Ro						
2	Explana	tion : 1- Vertice	al Section					
Raceway	0.00/			2020	* *	1		
Conduit	80%			2039	* *	1		
Conduit	20%)		2055	~ ~	1		
Panelboards	100/			2051	* *	~		
Fused Disc Sw	10%			2051	* *	5	¢200	
Molded Case Bkrs	80%			2037	* *	5	\$300	
Molded Case Bkrs	10%)		2051	• •	5		
Wiring	80%			2039	* *	1		
Thermoplastic Thermoplastic	20%			2059	* *	1 1		
Motor Controllers	2070)		2033		1		
Locally Mounted	50%			2034	* *	5		
Variable Frequency	50%			2034	* *	5		
Drive	5070)		2040				
bround								
Grounding Devices								
Not Accessible	100%)						
ighting	10070	·						
Interior Lighting								
LED	100%)		2037	* *			
	Other Ob	servation, Exter	t : Light, Area	Affected	: 100%			
	Location	n : Throughout	The Building					
	Explana	tion : LED Ligh	nt Fixtures					
Egress Lighting								
Emergency, Battery	50%)		2037	* *	10	\$1,500	
Exit, Service	50%)		2037	* *	1		
Exterior Lighting								
LED	30%)		2037	* *			
No Component	70%)						
larm								
Security System								
No Component	70%							
Generic	30%			2037	* *	1	\$1,400	
		servation, Exter	-	Affected	: 100%			
		n : Inside And C						
	Explana	tion : CCTV Su	rveillance Cam	eras				

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.

Asset # : 13237

A356(#.15257									
Electrical	Curren	Future	Replacement	Maintenance					
System Component Type	% of Fail Day Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Alarm									
Fire/Smoke Detection	7 00/								
No Component	70%		2027	* *	1.2	#2 2 00			
Generic, Digital	30%	Future Link Anna	2037		1-3	\$2,200			
		Extent : Light, Area nical Room And Rea							
		ct Smoke Detectors, I	-						
		li Smoke Deleciors, I	Jens Anu	1107/13					
Mechanical	Curren	t Repair	Future	Replacement	Μ	aintenance			
System	% of Fail Dat	te Estimated Cost	Year	Estimated Cost	Cvcle	Estimated Cost	Priority		
Component	Total (Years		FY		(Yrs)				
Туре									
Ieating									
Energy Source	1000/		2040	* *	1				
Natural Gas	100%		2049	· · ·	1				
Conversion Equipment	1000/		2046	* *	1	¢< 000			
Hot Water Boiler	100%	F () I 1 ()	2046		1	\$6,000			
		Extent : Light, Area		: 100%					
		use Mechanical Roo							
	Explanation : Two	o Gas Fired Hot Wat	er Boilers						
Distribution	1000/		2051	* *	4	Ф.COO			
Hot Wtr Piping/Pump	100%		2051	* *	4	\$600			
Terminal Devices	7 00/		0005	* *		# 5 0 00			
Air Handler	70%		2037	* *	1	\$5,300			
Convector/Radiator	25%		2046	* *	1	\$1,000			
Unit Heater - Steam	5%		2037	~ ~	4	\$100			
Air Conditioning									
Energy Source	1000/		2015	* *	1				
Electricity	100%		2045	~ ~	1				
Conversion Equipment	1000/		2022	* *	2	\$700			
Int Pkg Unit -	100%		2033	4. 4.	2	\$700			
Heating/Cooling									
/entilation Distribution									
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,800			
Exhaust Fans	10070		LIFE		2-3	\$0,000			
Interior	90%		2037	* *	2	\$300			
Roof	90% 10%		2037 2029	\$2,000		\$200			
	1070		2029	\$2,000	2				
Plumbing H/C Water Piping									
Brass/Copper	100%		2049	* *	1				
Water Heater	100/0		2047		1				
	1000/		2027	\$7,400	2	\$200			
Gas Fired	11110/2			.0/.400	7	J200			
Gas Fired	100%		2027	47,100					
Sanitary Piping									
Sanitary Piping Cast Iron	100%		LIFE	**	1	· ·			
Sanitary Piping									

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.

Asset # : 13237

Mechanical	Current Repair	Future Re	placement	Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Est FY	-	vele Estimated Cost (rs)	Priority
Plumbing					
Backflow Preventer					
Generic	100%	2029	\$3,100	\$700	
Fixtures					
Generic	100%				

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

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	 1 GRAND BROOKLY BPL0001.0 350,000 03-May-20 	00 / 2136		TERN PKWY : N/A : 1940 / 2009 : BROOKLYN PUBL : EXTERIOR LANDN : 3029665	-
CAPITAL			FY 2021 - 2024		FY 2025 - 2030
Exterior Architect	ture		\$5,404,700		\$541,300
Interior Architect	ure		\$1,068,600		\$1,023,000
Electrical			\$1,879,100		\$3,825,600
Mechanical			\$4,565,300		\$6,507,700
Total			\$12,917,700		\$11,897,600
Importance Code	A		\$5,404,700		\$541,300
Importance Code	В		\$7,270,300		\$10,756,700
Importance Code	С		\$242,800		\$599,600
Total			\$12,917,700		\$11,897,600
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architect	ture	\$37,600	\$32,300	\$3,800	
Interior Architect	ure			\$56,600	\$21,200
Electrical		\$6,400	\$43,400	\$13,100	\$5,300
Mechanical		\$150,000	\$96,800	\$209,500	\$96,800
Elevators/Escalate	ors	\$41,300	\$41,300	\$41,300	\$41,300
Total		\$235,300	\$213,700	\$324,300	\$164,500
Importance Code	А	\$72,200	\$67,000	\$43,000	\$34,700
Importance Code Importance Code	В	\$163,100	\$146,700	\$281,200	\$129,900
Total		\$235,300	\$213,700	\$324,300	\$164,500



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.

BROOKLYN PUBLIC LIBRARY - 038 BROOKLYN CENTRAL LIBRARY

Asset # : 2136

rchitecture	Current Repair	Maintenance				
vstem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
terior						
Exterior Walls						
Bronze/Brass	2%	LIFE	* *	_	* 1 0 0 0 0	
Masonry: Brick	5%	LIFE	* *	5	\$10,900 \$8,200	
Masonry: Granite	5% Now \$1 Cracking/Crumbling, Extent :	48,600 LIFE		5	\$8,200	
	Location : Throughout	Ligni, Area Ajjecie	u.1070			
	Jnt Mortar Miss/Erod, Extent	: Light. Area Affect	ted : 10%			
	Location : Throughout					
Masonry: Limestone		02,100 LIFE	* *	5	\$101,600	
masoni j. Ennestone	Jnt Mortar Miss/Erod, Extent		ted : 10%	5	\$101,000	
	Location : Throughout	0 10				
Metal Panel	5%	2047	* *	5-10	\$75,100	
Metal Coiling Doors	2% Now \$	57,000 2032	* *	5	\$6,800	
C C	Broken/Missing Elements, Ext Location : Throughout	ent : Light, Area Aj	ffected : 10%			
Pre-Cast Concrete	10% Now \$	83,100 LIFE	* *	5	\$71,000	
	Deteriorated Finish, Extent :		ected : 25%	-	4, -,	
	Location : Throughout					
	Staining/Discoloring, Extent :	Moderate, Area Aj	fected : 20%			
	Location : Throughout					
Stucco Cement	9% Now \$	65,500 2040	* *	5	\$24,600	
	Other Observation, Extent : L					
	Location : At Overhead Doo		Area			
<u></u>	Explanation : Corroded Stee	el Lintels				
Windows Aluminum	15%	2043	* *	5	\$7,500	
Bronze/Brass		17,800 2035	* *	5	\$94,100	
Diolize/Diass	Air Infiltration, Extent : Mode		: 20%	5	φ94,100	
	Location : Throughout					
	Ctrwt/Balnc Not Funct, Exten Location : Throughout	t : Moderate, Area	Affected : 20%			
	Hardware Missing, Extent : M	Indovata Arag Affa	etad · 200%			
	Location : Throughout	ioueruie, Areu Ajje	cieu . 2070			
Glass Block		86,400 LIFE	* *	5	\$3,100	
Glass Block	Jnt Mortar Miss/Erod, Extent	· · · · · · · · · · · · · · · · · · ·	Iffected · 50%	5	\$5,100	
	Location : South Facade Fa					
	Other Observation, Extent : S	-	•			
	Location : South Facade Fa	cing Second Floor	Roof			
	Explanation : Corroded Stee	el Support				
Steel	15% 0-2 \$4	52,200 2052	* *	5	\$47,000	
	Corrosion/Rusting, Extent : M	loderate, Area Affe	cted : 15%		-	
	Location : Stairs, Sections C	of South Facades				
	Deteriorated Finish, Extent :		ected : 50%			
	Location : Stairs, Sections C	-				
	Thermally Inefficient, Extent :		ffected : 50%			
	Location : Stairs, Sections C	<i>If South Facades</i>				

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

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

BROOKLYN PUBLIC LIBRARY - 038 BROOKLYN CENTRAL LIBRARY

Asset # : 2136

Architecture	Current Repair Future Replacement					N		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Parapets			** * * * *			_		
Masonry: Brick	Cracking/ Locatior Jnt Morta	: Through	l, Extent : Light, A			5	\$4,800	
Masonry: Limestone	65%	Now	\$150,200	LIFE	* *	5	\$15,700	
	Location Jnt Morta	: Through	l, Extent : Light, A					
Stucco Cement	Cracking/	Now Crumbling, : Through	\$5,700 Extent : Light, Ar out	2040 ea Affect	* * ed : 10%	5	\$2,500	
Roof								
Asphalt Macadam		place Evide : Through	ent, Extent : Light, out 2015	2037 Area Aff	* * ected : 100%	5	\$23,700	
Modified Bitumen		place Evide : Through	ent, Extent : Light, out 2015	2037 Area Aff	* * ected : 100%	10	\$173,000	
Plaza Roof: Stone Pane	ls 10%			2047	* *			
Skylight, Metal/Glass	Locatior Glazing B	/Rusting, E : At Third roken/Crac	\$241,700 xtent : Moderate, 2 Floor Roof Over 2 ked, Extent : Mode Floor Roof Over 2	Art And N erate, Are	Iusic Areas ea Affected : 10%			
terior								
Floors	1 60 /			2026	ф1 100 <i>с</i> оо	2	¢115.000	
Carpet	15%			2026	\$1,133,600	3 5	\$115,800	
Cast in Place Concrete Ceramic Tile	7% 10%	Now	\$114,700	LIFE 2036	* *	5 5	\$78,800 \$25,700	
Cerainic The	Cracking/		Extent : Light, Ar		ed : 10%	5	\$25,700	
Terrazzo	5%			LIFE	* *	5	\$20,100	
Terrazzo	2%			LIFE	* *	5	\$8,000	
Vinyl Tile	33%Now\$664,5002032**3\$63,700Adhesion Failure, Extent : Moderate, Area Affected : 35%Location : Language Literature, Social Science, Book Storage Areas							
	Location Loose Uni	t : Languag ts, Extent :	Extent : Moderate e Literature, Socia Moderate, Area A e Literature, Socia	al Science ffected :	e, Book Storage Aı 20%			
Vine 1 T'1			е пистините, 50СШ		e, book storage Al		<i>ФЕЛООО</i>	
Vinyl Tile	28%			2032	* *	3	\$54,000	

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

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

BROOKLYN PUBLIC LIBRARY - 038 BROOKLYN CENTRAL LIBRARY

Asset # : 2136

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
terior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Concrete Masonry Unit	5%			LIFE	* *	5	\$18,500	
Glass: Single Pane	5%			LIFE	* *	5	\$34,600	
Gypsum Board	20%			LIFE	* *	5	\$110,900	
Masonry: Brick Marble Panels	5%	Marri	¢160.400	LIFE	* *			
Marble Panels	2% Broken/M		\$169,400 ents, Extent : Mod	LIFE				
		: At Audite		eruie, Ar	eu Affecieu . 1070			
			Extent : Moderate	Area A	ffected · 10%			
	-	: At Audit		, 11 cu 11	<i>fjeeleu</i> : 1070			
Plaster	-	Now	\$73,300	LIFE	* *	5	\$119,200	
Flaster			\$75,500 Extent : Moderate			3	\$119,200	
	-	-	Corridor Facing L	-	<i>ffected</i> . 570			
	10%	. Duicony		-	* *	5	\$260.600	
Wood		nlaca Evid	ent, Extent : Light,	LIFE		3	\$369,600	
	-	: New Auc	-	лгеи луу	ecieu . 1070			
Ceilings	Location	. 1101/1140	mortum					
AcousTileConcealSpLn	15%			2040	* *	5	\$94,000	
AcousTileConcealSpLn	20%	0-2	\$46,600	2032	* *	5	\$62,600	
r	Cracking/		Extent : Light, Are		ed : 10%	-	<i> </i>	
AcousTileSusp.Lay-In	10%			2040	* *	5	\$50,100	
Exposed Concrete	10%			LIFE	* *	5	\$7,800	
Gypsum Board	15%			LIFE	* *	5	\$94,000	
Plaster	30%			LIFE	* *	5	\$94,000	
ectrical		Current I	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Prior
der 600 Volts								
Service Equipment								
Molded Case Bkrs	50%			2053	* *	5	\$4,600	
			Extent : Moderate, A	4rea Affe	ected : 100%			
		: Electrica						
		tion : 4000	Ampere Main Disc	connect S				
Molded Case Bkrs	50%			2053	* *	5	\$4,600	
			Extent : Moderate, A	4rea Affe	ected : 100%			
		: Electrica			×			
	Explana	tion : 4000	Ampere Main Disc	connect S	<i>witch</i>			
Transformers	1000/			2044	* *	F	¢1 200	
Dry Type	100%	amation L	rtout · Madauata	2044 Area Aff		5	\$1,300	
		ervation, E : Electrica	Extent : Moderate, 2 al Room	пеи Ајје	. 10070			
			u Koom 500 Kilovolt-ampei	ra 208/11	00 Pri - 180 Sac			
	Explana	uon : 1WO .	лоо киоvout-ampel	e 200/12	.0 F H - 400 Sec			

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.
Asset # : 2136

Electrical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	50%			2053	* *	5	\$4,600	
Molded Case Bkrs	50%			2053	* *	5	\$4,600	
Raceway								
Conduit	80%			2027	\$207,200	1		
Conduit	20%			2053	* *	1		
Panelboards						_		
Fused Disc Sw	10%			2026	\$15,500	5	\$800	
Molded Case Bkrs	60%			2026	\$92,800	5	\$5,500	
Molded Case Bkrs	30%			2049	* *	5	\$2,800	
Wiring Braided Cloth	30%	2-4	\$77,900	2052	* *	1		
		Aged, Exte : Through	ent : Moderate, Are out	a Affecte	ed : 100%			
Thermoplastic	50%			2027	\$129,900	1		
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2025	\$486,600	5	\$1,700	
Variable Frequency Drive	30%			2044	* *			
bround								
Grounding Devices	1000/			TIPE	* *	-	\$5.100	
Generic	Location			LIFE Area Affe		5	\$5,100	
ighting								
Interior Lighting								
Fluorescent	Location	ervation, E : Through	Extent : Light, Area out The Building g T-8 Lamps	2027 Affected	\$2,620,200 1 : 100%	10	\$208,700	
Fluorescent	20% Other Obs Location		Extent : Light, Area out	2035 Affected	* * ' : 100%	10	\$64,200	
Fluorescent	5%		-	2035	* *	10	\$16,100	
	T-5 Lamp.	s And Fixtu	res, Extent : Mode out The Building		a Affected : 100%		. ,	
Fluorescent	5%			2022	\$201,600	10	\$16,100	
	Other Obs Locatior	ervation, E : Through	Extent : Light, Area out The Building				. ,	
LED			g T-12 Lamps	2025	* *			
LED	5%			2035	~ ^			

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.

Asset # : 2136

Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Service	40%		2022	\$79,200	1		
Emergency, Battery	10%		2035	* *	10	\$8,400	
Exit, LED	10%		2062	* *	1		
Exit, Service	40%		2022	\$23,000	1		
Exterior Lighting							
HID	100%		2022	\$1,520,400	10	\$1,100	
Alarm							
Security System							
No Component	90%						
Generic	10%		2035	* *	1	\$13,100	
Fire/Smoke Detection							
No Component	90%						
Generic, Digital	10%		2032	* *	1-3	\$21,600	

Mechanical	Current Repair	Future F	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Interruptible Gas/Dual Fuel	100%	2047	* *	1		
	Other Observation, Extent : Lig	ght, Area Affected : I	00%			
	Location : Basement					
	Explanation : One Tank Of 15	5,000 Gallons				
Conversion Equipment						
Steam Boiler	100%	2040	* *	1	\$346,600	
	Other Observation, Extent : Lig	ht, Area Affected : I	00%			
	Location : Basement					
	Explanation : 3 Boilers					
Distribution						
Central Plant Steam	100%	2037	* *	4	\$25,900	
Piping/Pmp						
Terminal Devices						
Air Handler	60%	2022	\$3,181,400	1	\$129,900	
Convector/Radiator	40%	2032	* *	1	\$45,200	
Air Conditioning						
Energy Source						
Electricity	30%	2035	* *	1		
Steam/HW System	70%	2037	* *	1		

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

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

Asset # : 2136

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment Reciprocating Compr/Chiller	85%			2035	* *	1	\$138,000	
I		frigerant, I : Chillers	Extent : Light, Area Penthouse	a Affected	d : 100%			
Exterior Pkg Unit - Cooling	15%			2027	\$458,000	2	\$3,200	
	Location	ervation, E : Various tion : Split		Affected	: 15%			
Distribution CW & CHW Wtr Pipe/Pump	100%		-	2037	* *	4	\$25,900	
Terminal Devices Air Handler/Cool/Ht	100%			2027	\$4,229,100	1	\$216,400	
Heat Rejection Air Cooled Condenser Unit	15%			2027	\$114,000	2	\$36,600	
Water Cooling Tower	Leak Evid		\$24,300 : Severe, Area Affe The Cooling Tower		\$1,216,300	2	\$239,500	
entilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$195,200	
Exhaust Fans	10070			LIIL		20	\$190,200	
Interior	Noisy/Vib	Now rating, Exte : Fan Roo	\$63,700 ent : Moderate, Are m	2022 va Affecte	\$1,274,500 ed : 5%	2	\$8,100	
Roof	5%			2027	\$31,300	2	\$500	
lumbing					-			
H/C Water Piping Galvanized Steel	100%			2032	* *	1		
Water Heater Gas Fired	100%			2025	\$230,000	2	\$5,100	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Non-Submersible	100%			2027	\$57,500	4	\$7,400	
Sewage Ejector(s) Compressed Air	100%			2027	\$70,300	4	\$3,500	
Fixtures Generic Vertical Transport	100%							

Vertical Transport

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

Asset # : 2136

Mechanical	Current Repair	Future Repla	cement	Μ	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			
	Other Observation, Extent : Ligh	t, Area Affected : 100%	,)			
	Location : Various Locations					
	Explanation : Seven Units					
Escalators						
Under 20' Rise	100%	LIFE	* *			
	Other Observation, Extent : Ligh	t, Area Affected : 100%	,)			
	Location : 1-2					
	Explanation : Two Units					
Fire Suppression						
Standpipe						
Generic	100%	2047	* *	1-5	\$176,500	
Sprinkler						
No Component	60%					
Generic	40%	2047	* *	1-2	\$39,200	

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.

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block		MORE AV LYN 7.000 / 13238)17	-		: 27 : 1908 / 2012 : BROOKLYN PUBL : NONE : 3080669	JC LIBRARY
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Interior Architect Electrical Mechanical	ure			\$124,900 \$114,200 \$175,200		\$75,100
Total				\$414,300		\$75,100
Importance Code	В			\$414,300		\$75,100
Total				\$414,300		\$75,100
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$13,900			\$17,100
Interior Architect	ure		\$24,400		\$1,100	\$1,700
Electrical			\$12,000	\$400	\$400	\$10,200
Mechanical			\$9,400	\$2,100	\$3,100	\$36,500
Site Enclosure			\$800			
Elevators/Escalat	ors		\$3,900	\$3,900	\$3,900	\$3,900
Total			\$64,600	\$6,400	\$8,700	\$69,500
Importance Code	А		\$14,500	\$500	\$500	\$17,700
Importance Code	В		\$35,400	\$5,900	\$7,500	\$51,700
Importance Code	С		\$14,800		\$700	



\$6,400

\$8,700

\$69,500

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.

\$64,600

Total

Asset # : 13238

rchitecture		Current	Repair	Futur	e Replacement	Μ	laintenance	
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior						8		
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$21,000	
			: Light, Area Affec	eted : 5%	Ó			
		: Through						
	-	-	, Extent : Light, Ar	ea Affect	ed : 20%			
		: Through	out					
Masonry: Granite	5%			LIFE	* *	5	\$900	
Masonry: Limestone		Now	\$5,700	LIFE	* *	5	\$1,900	
			nents, Extent : Mod	erate, Ar	ea Affected : 5%			
	Location	: Rear Wi	ndow Sills					
Windows	1000/			0045		_	#2 000	
Aluminum	100%			2045	* *	5	\$2,900	
Parapets	500/			LIEE	* *	5	¢1 500	
Masonry: Brick Metal Rail	50% 40%			LIFE 2046	* *	5 5-10	\$1,500	
Pre-Cast Concrete	40% 10%			2046 LIFE	* *	5-10 5	\$21,000 \$1,800	
Roof	1070			LIFE		5	\$1,800	
Modified Bitumen	100%			2034	* *	10	\$17,100	
Soffits	10070			2031		10	\$17,100	
Masonry: Brick	100%			LIFE	* *	5		
erior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	\$8,100	
Ceramic Tile	5%			2038	* *	5	\$900	
Vinyl Tile		Now	\$124,900	2039	* *	3	\$5,200	
			Extent : Moderate	, Area Aj	ffected : 10%			
		: Through						
			: Moderate, Area	Affected	: 25%			
T . 1 TTT 11	Location	: Through	out					
Interior Walls	50/			2020	* *	F	Φ1 400	
Ceramic Tile	5%			2038	* *	5	\$1,400	
Concrete Masonry Unit	5%			LIFE	* *	5	\$500 \$8,200	
Gypsum Board	50%	Now	\$11,200	LIFE LIFE	* *	5	\$8,200	
Masonry: Brick			\$11,300 Extent : Moderate					
			out Basement	, лгеи лј	<i>fjecieu</i> . 1070			
		-	xtent : Moderate, 2	1rea Affe	ected · 10%			
			out Basement		cica : 1070			
Plaster		Now	\$3,500	LIFE	* *	5	\$2,500	
1 105101			5,500 Extent : Moderate			5	\$2,500	
			out Basement	, 11 си Ај	yeerea . 570			
			xtent : Moderate, 2	1rea Affe	cted : 5%			
			out Basement					

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.

Asset # : 13238

Architecture		Current Repair	Futur	re Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Ceilings							
Gypsum Board	25%		LIFE	* *	5	\$5,800	
Plaster		Now \$9,600	LIFE	**	5	\$8,700	
	0	Crumbling, Extent : Moderate : Throughout Basement	?, Area Aj	ffected : 5%			
ite Enclosure							
Fence/Gates	1000/		2064	* *			
Iron Picket	100%		2064	* *			
Retaining Walls	250/		2040	* *			
Cast in Place Concrete	25%	NT (0000	2049	* *			
Masonry: Brick		Now \$800	2049				
	Location	issing Elements, Extent : Mod	erate, Ar	ea Affectea : 5%			
	Location	. Kump					
ite Pavements							
Public Sidewalk Cast in Place Concrete	100%		2042	* *			
Cast in Place Concrete		Crumbling, Extent : Light, Ar					
	-	e : Throughout	eu Affecti	ea . 570			
O C'+ W 1	Location	. Inrougnoui					
On-Site Walkways Cast in Place Concrete	75%		2042	* *			
Pavers/Stone	25%		2042	* *			
Parking/Driveway	2370		2038				
Cast in Place Concrete	100%		2034	* *			
Cast III I lace Collefete	10070		2034				
Electrical		Current Repair	Futur	re Replacement	Μ	aintenance	
System Component	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Туре		(
		(2 2					
		()	<u> </u>				
Under 600 Volts	100%		2029	\$1,600	5	\$300	
Inder 600 Volts Service Equipment	Other Obs	ervation, Extent : Light, Area			5	\$300	
Inder 600 Volts Service Equipment	Other Obs				5	\$300	
Jnder 600 Volts Service Equipment Molded Case Bkrs	Other Obs Location	ervation, Extent : Light, Area	Affected		5	\$300	
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard	Other Obs Location Explana	rervation, Extent : Light, Area : Electrical Room tion : One 200 Amperes Each	ı Affected	1 : 100%			
Jnder 600 Volts Service Equipment Molded Case Bkrs	Other Obs Location	rervation, Extent : Light, Area : Electrical Room tion : One 200 Amperes Each	Affected		5	\$300 \$300	
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway	Other Obs Location Explana 100%	rervation, Extent : Light, Area : Electrical Room tion : One 200 Amperes Each	Affected	\$34,200			
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	Other Obs Location Explana	rervation, Extent : Light, Area : Electrical Room tion : One 200 Amperes Each	ı Affected	1 : 100%			
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards	Other Obs Location Explana 100%	ervation, Extent : Light, Area : Electrical Room tion : One 200 Amperes Each	2029 2029	\$34,200 \$33,200	5		
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw	Other Obs Location Explana 100% 100%	rervation, Extent : Light, Area : Electrical Room tion : One 200 Amperes Each	2029 2029 2029 2028	\$34,200 \$33,200 \$800	5	\$300	
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards	Other Obs Location Explana 100%	rervation, Extent : Light, Area : Electrical Room tion : One 200 Amperes Each	2029 2029	\$34,200 \$33,200	5		
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring	Other Obs Location Explana 100% 100% 5%	rervation, Extent : Light, Area : Electrical Room tion : One 200 Amperes Each	2029 2029 2028 2028 2028	\$34,200 \$33,200 \$800 \$15,000	5 1 5 5	\$300	
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Other Obs Location Explana 100% 100% 5% 95%	ervation, Extent : Light, Area : Electrical Room tion : One 200 Amperes Each 2-4 \$11,700	2029 2029 2029 2028 2028 2028 2028	1: 100% \$34,200 \$33,200 \$800 \$15,000 * *	5 1 5	\$300	
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring	Other Obs Location Explana 100% 100% 5% 95% 40% Insulation	ervation, Extent : Light, Area : Electrical Room tion : One 200 Amperes Each 2-4 \$11,700 Aged, Extent : Moderate, Area	2029 2029 2029 2028 2028 2028 2028	1: 100% \$34,200 \$33,200 \$800 \$15,000 * *	5 1 5 5	\$300	· · · · · · · · · · · · · · · · · · ·
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring	Other Obs Location Explana 100% 100% 5% 95% 40% Insulation	ervation, Extent : Light, Area : Electrical Room tion : One 200 Amperes Each 2-4 \$11,700	2029 2029 2029 2028 2028 2028 2028	1: 100% \$34,200 \$33,200 \$800 \$15,000 * *	5 1 5 5	\$300	

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

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

Asset # : 13238

Electrical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2027	\$32,000	5	\$100	
Ground						
Grounding Devices	1000/	LIPP	* *	-	#200	
Generic	100%	LIFE		5	\$200	
Lighting Interior Lighting Fluorescent	65% Other Observation, Extent : Light, Area Location : Throughout The Building	2024 Affected	\$72,300 7 : 100%	10	\$6,300	
	Explanation : T-12 Lamps					
Fluorescent	30%	2034	* *	10	\$2,900	
	Other Observation, Extent : Light, Area Location : Throughout The Building Explanation : T-8 Lamps	ı Affected	2 : 100%			
Fluorescent	5%	2034	* *	10	\$500	
	Other Observation, Extent : Light, Area Location : Basement Explanation : Compact Fluorescent L					
Egress Lighting	· F · · · · · · · · · · · · · · · · · ·	8				
Emergency, Battery	50%	2029	\$7,500	10	\$1,300	
Exit, Service	50%	2029	\$800	1		
Exterior Lighting						
HID	100%	2024	\$41,900	10		
Alarm						
Security System No Component Generic	70% 30% Other Observation, Extent : Light, Area Location : Inside And Outside Explanation : CCTV Surveillance Car			1 Motion S	\$1,200 Sensor	
Fire/Smoke Detection					, ensor	
No Component	70%					
Generic, Digital	30%	2034	* *	1-3	\$1,900	
Mechanical	Current Repair	Futur	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%	2049	* *	1		
Conversion Equipment	10070	2017		1		
Hot Water Boiler	100% Other Observation, Extent : Light, Area Location : Basement Boiler Room Explanation : 1 Unit	2042 Affected	* * ! : 100%	1	\$5,200	

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

Asset # : 13238

Mechanical		Current R	lepair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
leating								
Distribution								
Hot Wtr Piping/Pump	100%			2037	* *	4	\$800	
Terminal Devices							· · ·	
Air Handler	40%			2024	\$58,500	1	\$2,600	
Convector/Radiator	60%			2034	* *	1	\$2,000	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	85%	Now	\$7,500	2029	\$75,100	1	\$3,700	
	Not in Serv	vice, Extent	: Severe, Area Aff	fected : 1	00%			
			n Back Yard (Not					
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%			
		: 1st And M	-	00				
	Explanat	ion : 4 Por	table Units Being	Used				
Window/Wall Unit	15%			2024	\$3,300	1		
Distribution	10,0			_0	<i>\$6,600</i>	-		
CW & CHW Wtr	100%			2039	* *	4	\$500	
Pipe/Pump	10070			2007		•	<i>QQQQQ</i>	
Terminal Devices								
Air Handler/Cool/Ht	100%			2024	\$116,700	1	\$6,500	
Heat Rejection								
Not Accessible	100%							
entilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,900	
Exhaust Fans								
Interior	70%			2024	\$25,900	2	\$200	
Roof	30%			2024	\$5,200	2	\$100	
lumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater								
Gas Fired	100%			2027	\$6,300	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%	–		LIFE	* *			
			xtent : Light, Area	Affectea	: 100%			
			t, 1st, Mezzanine					
	Explanat	ion : One U	Init					

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.

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.

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address	BUSHWICK BRANCH LIBRARY340 BUSHWICK AVE. @SEIGEL ST.		
Borough	: BROOKLYN	Agency's Number	: 29
Program / Asset #	: BPL0B29.000 / 13239	Yr Built/Renovated	: 1908 / 2004
Area Sq Ft	: 10,640	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 25-Oct-2017	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,mz		
Block	: 3098 Lot : 19	BIN	: 3071470

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	\$161,500	
Interior Architecture		\$103,100
Electrical	\$78,900	
Mechanical	\$82,500	\$88,900
Total	\$322,900	\$192,100
Importance Code A	\$161,500	
Importance Code B	\$161,400	\$192,100
Total	\$322,900	\$192,100

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture		\$22,100		\$17,200
Interior Architecture	\$37,800	\$300	\$800	\$1,900
Electrical	\$23,800	\$300	\$400	\$46,600
Mechanical	\$3,500	\$2,500	\$2,300	\$59,700
Site Pavements	\$2,800			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$71,800	\$29,300	\$7,400	\$129,400
Importance Code A	\$500	\$22,600	\$500	\$17,800
Importance Code B	\$53,800	\$6,600	\$6,400	\$111,600
Importance Code C	\$17,500		\$500	
Total	\$71,800	\$29,300	\$7,400	\$129,400



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

Asset # : 13239

chitecture	Current Repair	Future Replaceme	ent	М	aintenance	
stem Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated (FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
erior						
Exterior Walls Cast Stone/Terra Cotta	10% Now \$38,90 Cracking/Crumbling, Extent : Moder Location : Columns At Main Entra Jnt Mortar Miss/Erod, Extent : Mode Location : Main Entrance	rate, Area Affected : 5% nce	**	5	\$17,700	
Masonry: Brick	85% 0-2 \$122,60 Efflorescence, Extent : Moderate, An Location : Throughout Spalling, Extent : Moderate, Area Ag Location : Throughout Water Penetration, Extent : Moderate : Moderate Location : Throughout	ea Affected : 30% fected : 10%	* *	5	\$19,200	
Metal Panel	5% Corrosion/Rusting, Extent : Light, A. Location : Equipment Screen	2039 rea Affected : 5%	* *	5-10	\$7,800	
Windows						
Wood	100%	2037	* *	5	\$44,200	
Parapets Cast Stone/Terra Cotta	10% Recent Repair Evident, Extent : N/A, Location : Throughout	LIFE Area Affected : 10%	* *	5	\$1,400	
Masonry: Brick	90% Recent Repair Evident, Extent : N/A, Location : Throughout	LIFE Area Affected : 75%	* *	5	\$1,600	
Roof	-					
Modified Bitumen	95% Drains Clogged, Extent : Moderate, Location : Throughout Patching Evident, Extent : Moderate Location : Throughout		* *	10	\$14,400	
Single Ply Membrane	5%	2034	* *	10	\$800	
Soffits Cast Stone/Terra Cotta	100%	LIFE	* *	5		

Interior

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

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

Asset # : 13239

			A3561#.13	233				
Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nterior								
Floors Cast in Place Concrete		Now ad/Misposn	\$1,500 , Extent : Moderate	LIFE e, Area A	* * ffected : 10%	5	\$1,500	
		-	nt Mechanical Room					
Ceramic Tile		ded, Extent : Through	: Light, Area Affec out	2038 cted : 259	**	5	\$700	
Sheet Vinyl/Rubber	5%			2034	* *	5	\$1,000	
Vinyl Tile	Broken/M Location	: Through				3	\$4,300	
	-	Crumbling, 1 : Through	Extent : Moderate	, Area A	ffected : 25%			
Interior Walls	Locuitor	. Inrough	011					
Ceramic Tile	5%			2038	* *	5	\$900	
Plaster		Now	\$14,700	LIFE	* *	5	\$5,200	
			Extent : Moderate		ffected : 10%			
	Location	: Basemen	t Corridor, Mezzar	nine Offi	ce			
	Staining/L	Discoloring,	Extent : Moderate	e, Area A	ffected : 15%			
	Locatior	: Mezzani	ne Floor					
	Water Per	etration, E	xtent : Moderate, A	1rea Affe	cted : 5%			
	Locatior	: Basemen	t Corridor, Mezzar	nine Offi	се			
Ceilings								
AcousTileConcealSpLn		Now	\$10,400	2046	**	5	\$7,600	
			Extent : Moderate	, Area A	ffected : 15%			
		: South W			<i>cc</i> 1 500 <i>/</i>			
	-	-	Extent : Moderate	e, Area A	ffected : 50%			
		a : First Flo		4 4.00	1 250/			
			xtent : Moderate, A	area Affe	ctea : 25%			
		: Through	oui : Moderate, Area .	Affaatad	. 500/			
		iea, Extent : First Flo		Ајјестей	. 3070			
AcousTileSusp.Lay-In	5%			2042	* *	5	\$700	
Plaster	5%	Now	\$900	LIFE	* *	5	\$400	
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 20%			
	Locatior	: Mezzani	ne Floor					
	Staining/L	Discoloring,	Extent : Moderate	e, Area A	ffected : 15%			
	Location	ı : Mezzani	ne Floor					
ite Enclosure								
Fence/Gates	0.00 /			20.40	* *			
Iron Picket	90% 10%			2049 2039	* *			
Masonry: Brick	10%			2039	-11-			
Free Standing Walls Masonry: Fieldstone	100%			2049	* *			
Retaining Walls	10070			2049				
Concrete Masonry Unit	100%			2039	* *			
Concrete Masonry Unit	10070			2039				

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.

Asset # : 13239

			ASSet # . 13					
rchitecture		Current			e Replacement		aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
e Pavements								
Public Sidewalk	1000/			0004	* *			
Cast in Place Concrete	-	Crumbling : Through	r, Extent : Light, Ar hout	2034 ea Affect				
On-Site Walkways				• • • •				
Cast in Place Concrete	75%	4.	\$1.2 00	2034	* *			
Pavers/Stone			\$1,300 d, Extent : Modera hout	2032 te, Area 2				
Parking/Driveway								
Asphalt	Location Sinking/Si	Crumbling : Through	xtent : Light, Area					
lectrical		Current	Renair	Futur	e Replacement	м	aintenance	
vstem	0/ C							D • •/
Component Type	% of Total	(Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts								
Service Equipment Fused Disc Sw	50%	amation	Extent : Light, Area	2029	\$800	5		
		ervanon, 1 : Electric		лујестец	. 100/0			
			n Service Disconne	ct Switch	Rated At 200 Amp	eres		
Molded Case Bkrs	50%			2029	\$800	5	\$100	
Wolded Case DRIS		ervation.	Extent : Light, Area			5	\$100	
		: Electric	0	55				
	Explana	tion : Main	n Service Disconne	ct Switch	Rated At 350 Amp	eres		
Switchgear / Switchboard	^				*			
Molded Case Bkrs	100%			2029	\$34,200	5	\$300	
Raceway								
Conduit	20%			2049	* *	1		
Conduit	80%			2029	\$26,500	1		
Panelboards				• • • =		_		
Fused Disc Sw	5%			2045	* *	5	*~ ^ ^	
Molded Case Bkrs	75%			2028	\$11,900	5	\$200 \$100	
Molded Case Bkrs	20%			2045	* *	5	\$100	
Wiring Draided Clath	000/	2.4	¢00 500	2054	* *	1		
Braided Cloth		Aged, Ext	\$23,500 ent : Moderate, Ard hout The Building	2054 ea Affecte		1		
		0	0	2049	* *	1		
Thermoplastic	20%			2049		1		
Thermoplastic Motor Controllers	20%			2049		1		
-	20%			2049	\$25,600	5	\$100	

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

Asset #: 13239

Electrical	Curre	ent Repair	Futur	e Replacement	М	laintenance	
ystem Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
round							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
ighting							
Interior Lighting	700/		2024	\$78,000	10	¢< 900	
Fluorescent	70% T-12 Lamps And Location : Read	Fixtures, Extent : Ligh ling Areas	2024 t, Area A	\$78,900 ffected : 100%	10	\$6,800	
Fluorescent	25%		2037	* *	10	\$2,400	
		ixtures, Extent : Light, ment		fected : 100%	-	•) • •	
LED	5%		2037	* *			
Egress Lighting							
Emergency, Battery	50%		2037	* *	10	\$1,300	
Exit, Service	50%		2037	* *	1		
Exterior Lighting	100/		2024	10		
HID	10%		2024	\$4,300	10		
LED	20%		2037	· · ·			
No Component	70%						
larm Security System	700/						
No Component Generic	70% 30%		2034	* *	1	\$1,200	
Generie	Other Observatio Location : Insia	n, Extent : Light, Area e And Outside CTV Surveillance Can	Affected	! : 100%	1	\$1,200	
Fire/Smoke Detection							
No Component	70%						
Generic, Analog	30%		2024	\$35,000	1-3	\$2,000	
		n, Extent : Light, Area	Affected	! : 100%			
	Location : Base Explanation : S	ment moke Detector And Fil	re Alarm	Control Panel			
lechanical	Curre	ent Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
eating	ł						
Energy Source Natural Gas	100%		2039	* *	1		
Conversion Equipment					-		
Hot Water Boiler	Location : Base	n, Extent : Light, Area ment Boiler Room	2034 Affected	* * ! : 100%	1	\$5,300	
Distribution	Explanation : C						
Hot Wtr Piping/Pump	100%		2037	* *	4	\$800	
	100/0		2007		•	Ψ000	

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

Asset # : 13239

Mechanical		Current Repai	ir Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Esti (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ieating							
Terminal Devices							
Air Handler	60%		2029	\$88,900	1	\$4,000	
Convector/Radiator	40%		2034	* *	1	\$1,400	
Air Conditioning							
Energy Source							
Electricity	100%		2037	* *	1		
Conversion Equipment							
Reciprocating Compr/Chiller	70%		2034	* *	1	\$3,500	
-	Other Obs	ervation, Extent	: Light, Area Affected	: 70%			
	Location	: Mezzanine Ro	oof				
	Explana	tion : 2 Units, R-	-410a				
Exterior Pkg Unit - Cooling	30%		2024	\$25,600	2	\$200	
6		igerant, Extent : : 1 Unit, Mezza	Light, Area Affected : mine Roof	30%			
Terminal Devices							
Air Handler/Dir	70%		2024	\$82,500	1		
Expansion							
No Component	30%						
Heat Rejection							
Air Cooled Condenser	70%		2034	* *	2	\$5,200	
Unit							
No Component	30%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,900	
Exhaust Fans							
Interior	70%		2024	\$26,300	2	\$200	
Roof	30%		2024	\$5,300	2	\$100	
lumbing							
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater				.	-	.	
Gas Fired	100%		2027	\$6,400	2	\$200	
Sanitary Piping							
Cast Iron		Now	\$1,500 LIFE	* *	1		
	-	Clogged, Extent : Basement Staj	t : Severe, Area Affecto ff Restroom	ed : 3%			
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sewage Ejector(s)							
Electric	100%		2029	\$3,000	4	\$600	
Fixtures	100%						

Vertical Transport

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

Asset # : 13239

Mechanical	Current Repair	Future Replacem	ent	N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
-	Other Observation, Extent : Light, Area	Affected : 100%				
	Location : Basement To 2nd 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.

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Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name	: CANARSIE BRANCH LIBRARY		
Address	: 1580 ROCKAWAY PKWY @AVE J		
Borough	: BROOKLYN	Agency's Number	: 34
Program / Asset #	: BPL0C00.000 / 13620	Yr Built/Renovated	: 1960 / 2008
Area Sq Ft	: 9,470	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 19-Mar-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Floors 1		
Block	: 8204 Lot : 68	BIN	: 3230120

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture		\$173,000
Total		\$173,000
Importance Code A		\$173,000
Total		\$173,000

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$38,100			\$7,100
Interior Architecture	\$6,700		\$2,100	
Electrical	\$500	\$10,200	\$400	\$1,900
Mechanical	\$600	\$28,300	\$1,200	\$500
Total	\$45,900	\$38,500	\$3,600	\$9,500
Importance Code A	\$38,600	\$500	\$500	\$9,100
Importance Code B	\$7,300	\$38,100	\$3,000	\$400
Importance Code C			\$100	
Total	\$45,900	\$38,500	\$3,600	\$9,500



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.

BROOKLYN PUBLIC LIBRARY - 038 CANARSIE BRANCH LIBRARY

Asset # : 13620

		ASSet # 113	020				
Architecture		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Masonry: Brick	Diagonal Location Horizonta	Now \$9,700 Cracks, Extent : Moderate, An : East Facade, North Facade Cracks, Extent : Moderate, A : North Facade	2		5	\$3,000	
Stucco Cement	65%		2029	\$173,000	5	\$14,100	
Windows							
Aluminum	50%		2046	* *	5	\$600	
Aluminum	50%	Now \$28,100	2049	* *	5	\$300	
	Location Caulking I	ed Finish, Extent : Moderate, : East Facade Deteriorated, Extent : Moderc : East Facade					
Parapets							
Not Accessible	100%						
Roof							
Not Accessible	100%						
nterior	10070						
Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$1,600	
Ceramic Tile	5%		2033	* *	5	\$700	
Vinyl Tile	90%		2032	* *	3	\$4,800	
Interior Walls	,,,,,		2002		0	\$ 1,000	
Ceramic Tile	5%		2033	* *	5	\$200	
Concrete Masonry Unit	10%		LIFE	* *	5	\$200	
Gypsum Board	85%		LIFE	* *	5	\$2,400	
Ceilings	0570		LIIL		5	φ2,400	
AcousTileSusp.Lay-In	95%		2041	* *	5	\$13,500	
Exposed Concrete	5%		LIFE	* *	5	\$100	
Exposed Concrete	570		LIFE		5	\$100	
Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2024	\$1,600	5		
	Other Obs Location	ervation, Extent : Moderate, . : Electrical Room tion : Main Service Switch Ra	Area Affe	ected : 100%	-		
<u>a ita (a itala a</u>	7			*			
Switchgear / Switchboard							
Switchgear / Switchboard Molded Case Bkrs	100%		2050	* *	5	\$300	
Molded Case Bkrs	100%		2050	* *	5	\$300	
Molded Case Bkrs Raceway				* *		\$300	
Molded Case Bkrs	100% 100%		2050 2050		5	\$300	

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

BROOKLYN PUBLIC LIBRARY - 038 CANARSIE BRANCH LIBRARY

Asset # : 13620

Electrical	Current Repair	Future	Replacement	Μ	laintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts		•				
Wiring						
Thermoplastic	100%	2050	* *	1		
bround Grounding Devices						
Grounding Devices Not Accessible	100%					
lighting	10070					
Interior Lighting						
Fluorescent	100%	2032	* *	10	\$8,700	
	T-8 Lamps And Fixtures, Extent .		Affected : 100%			
	Location : Throughout The Bui	lding				
Egress Lighting	500/	2022	* *	10	¢1 100	
Emergency, Battery Exit, Service	50% 50%	2032 2032	* *	10 1	\$1,100	
Exterior Lighting	5070	2032		1		
HID	100%	2032	* *	10		
Jarm				-		
Security System						
Generic	100% Other Observation, Extent : Mod	2032	* *	1	\$3,500	
Mechanical	Current Repair	Future	Replacement	М	aintenance	
	Current Repair % of Fail Date Estimated Total (Years)		Replacement Estimated Cost		aintenance Estimated Cost	Priorit
System Component Type	% of Fail Date Estimated	Cost Year		Cycle		Priorit
System Component Type leating Energy Source	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle		Priorit
System Component Type leating Energy Source Natural Gas	% of Fail Date Estimated	Cost Year		Cycle		Priorit
System Component Type Heating Energy Source <u>Natural Gas</u> Conversion Equipment	% of Fail Date Estimated Total (Years)	Cost Year FY 2044	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type leating Energy Source Natural Gas	% of Fail Date Estimated Total (Years) 100% 100%	Cost Year FY 2044 2032	Estimated Cost * * * *	Cycle		Priorit
System Component Type leating Energy Source Natural Gas Conversion Equipment	% of Fail Date Estimated Total (Years) 100% 100% Other Observation, Extent : Ligh	Cost Year FY 2044 2032 t, Area Affected	Estimated Cost * * * *	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Ieating Energy Source Natural Gas Conversion Equipment	% of Fail Date Estimated Total (Years) 100% 100%	Cost Year FY 2044 2032 t, Area Affected	Estimated Cost * * * *	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace	% of Fail Date Estimated Total (Years) 100% 100% Other Observation, Extent : Ligh Location : Basement Equipmen	Cost Year FY 2044 2032 t, Area Affected	Estimated Cost * * * *	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Ieating Energy Source Natural Gas Conversion Equipment Furnace	% of Fail Date Estimated Total (Years) 100% 100% Other Observation, Extent : Ligh Location : Basement Equipmen Explanation : 2 Units	Cost Year FY 2044 2032 t, Area Affected t t Room	Estimated Cost * * : 100%	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace	% of Fail Date Estimated Total (Years) 100% 100% Other Observation, Extent : Ligh Location : Basement Equipmen	Cost Year FY 2044 2032 t, Area Affected	Estimated Cost * * * *	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment	% of Fail Date Estimated Total (Years) 100% 100% Other Observation, Extent : Ligh Location : Basement Equipmen Explanation : 2 Units 100%	Cost Year FY 2044 2032 t, Area Affected t Room 2040	Estimated Cost	Cycle (Yrs) 1 1	Estimated Cost	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit	% of Fail Date Estimated Total (Years) 100% 100% Other Observation, Extent : Ligh Location : Basement Equipmen Explanation : 2 Units	Cost Year FY 2044 2032 t, Area Affected t t Room	Estimated Cost * * : 100%	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit Ventilation	% of Fail Date Estimated Total (Years) 100% 100% Other Observation, Extent : Ligh Location : Basement Equipmen Explanation : 2 Units 100%	Cost Year FY 2044 2032 t, Area Affected t Room 2040	Estimated Cost	Cycle (Yrs) 1 1	Estimated Cost	Priorit
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit Ventilation Distribution	% of Fail Date Estimated Total (Years) 100% 100% Other Observation, Extent : Ligh Location : Basement Equipmen Explanation : 2 Units 100%	Cost Year FY 2044 2032 t, Area Affected t Room 2040	Estimated Cost	Cycle (Yrs) 1 1	Estimated Cost	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit Ventilation	% of Fail Date Estimated Total (Years) 100% 100% Other Observation, Extent : Ligh Location : Basement Equipment Explanation : 2 Units 100% 100%	Cost Year FY 2044 2032 t, Area Affected t Room 2040 2022	Estimated Cost	Cycle (Yrs) 1 1 1	Estimated Cost \$4,700	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit /entilation Distribution Ductwork/Diffusers	% of Fail Date Estimated Total (Years) 100% 100% Other Observation, Extent : Ligh Location : Basement Equipment Explanation : 2 Units 100% 100%	Cost Year FY 2044 2032 t, Area Affected t Room 2040 2022	Estimated Cost	Cycle (Yrs) 1 1 1	Estimated Cost \$4,700	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit Ventilation Distribution Distribution Ductwork/Diffusers Exhaust Fans Not Accessible	% of Fail Date Estimated Total (Years) 100% 100% 00her Observation, Extent : Ligh Location : Basement Equipmen Explanation : 2 Units 100% 100% 100% 100% 100%	Cost Year FY 2044 2032 t, Area Affected t Room 2040 2022	Estimated Cost	Cycle (Yrs) 1 1 1	Estimated Cost \$4,700	Priority
Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit Ventilation Distribution Ductwork/Diffusers Exhaust Fans Not Accessible Plumbing H/C Water Piping	% of Tail Date Estimated Total 100% 100% 00her Observation, Extent : Ligh Location : Basement Equipment Explanation : 2 Units 100% 100% 100% 100% 100% 100% 100% 100%	CostYear FY20442032t, AreaAffected20402022LIFE	Estimated Cost	Cycle (Yrs) 1 1 1	Estimated Cost \$4,700	Priority
System Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit Ventilation Distribution Distribution Distribution Exhaust Fans Not Accessible	% of Fail Date Estimated Total (Years) 100% 100% 00her Observation, Extent : Ligh Location : Basement Equipmen Explanation : 2 Units 100% 100% 100% 100% 100%	Cost Year FY 2044 2032 t, Area Affected t Room 2040 2022	Estimated Cost	Cycle (Yrs) 1 1 1	Estimated Cost \$4,700	Priori

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.

BROOKLYN PUBLIC LIBRARY - 038 CANARSIE BRANCH LIBRARY

Asset # : 13620

lechanical	Current Repair		Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing						
Water Heater						
Electric	100%	2022	\$8,300	4	\$100	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2029	\$1,400	4	\$300	
Fixtures						
Generic	100%					

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address	 CARROLL GARDENS BRANCH LIBRARY 396 CLINTON ST. @UNION ST. 				
Borough	: BROOKLYN	Agency's Number	: 31		
Program / Asset #	: BPL0C31.000 / 13241	Yr Built/Renovated	: 1905 / 2012		
Area Sq Ft	: 14,075	Project Type	: BROOKLYN PUBLIC LIBRARY		
Date of Survey	: 23-Oct-2017	Landmark Status	: NONE		
Areas Surveyed	: Basement, Sub Basement, Floors 1,Mez				
Block	: 338 Lot : 33	BIN	: 3004336		

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	\$209,700	
Interior Architecture		\$117,300
Electrical	\$56,200	
Mechanical		\$107,500
Total	\$266,000	\$224,800
Importance Code A	\$209,700	\$107,500
Importance Code B	\$56,200	\$117,300
Total	\$266,000	\$224,800

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$46,800	\$7,900		
Interior Architecture	\$17,700	\$800	\$2,200	
Electrical	\$12,100	\$500	\$600	\$4,400
Mechanical	\$1,300	\$1,100	\$2,100	\$900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$81,900	\$14,300	\$8,800	\$9,300
Importance Code A	\$47,500	\$8,600	\$700	\$900
Importance Code B	\$17,600	\$5,700	\$7,500	\$8,400
Importance Code C	\$16,800		\$600	
Total	\$81,900	\$14,300	\$8,800	\$9,300



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.

Asset # : 13241

rchitecture		Current F	tepair	Futur	e Replacement	Maintenance		
ystem Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	Location : Spalling, Ex Location :	Various I ctent : Ligi Various I Growth, E	\$209,700 !, Extent : Modera Locations Through ht, Area Affected : Locations Through Extent : Moderate, ! Side	nout 15% nout	-	5	\$32,900	
Masonry: Limestone	5%			LIFE	* *	5	\$1,300	
Masonry: Sandstone	3% Cracking/C Location :	Base Thr	-	LIFE e, Area A	-	5	\$800	
	Location : Other Obse Location :	Base Thr rvation, E. Building	xtent : Light, Area	Affected				
Windows								
Aluminum	80%			2037	* *	5	\$3,900	
Steel	20%			2037	* *	5	\$12,000	
Parapets Masonry: Brick	70% Spalling, Ex Location :	tent : Mo	\$20,700 derate, Area Affec Face	LIFE ted : 30%	* * 0	5	\$1,700	
Masonry: Limestone	30%			LIFE	* *	5	\$900	
Roof	5070			LIIL		5	\$700	
Copper/Terne	5%			2057	* *	10	\$1,500	
Modified Bitumen	95%			2037	* *	10	\$11,400	
Moumen Brumen			nt, Extent : Light, out, 2012		ected : 100%	10	\$11,400	
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
erior Floors								
Cast in Place Concrete	2%			LIFE	* *	5	\$600	
Ceramic Tile	3%	0-2	\$900	2032	* *	5	\$200	
	Broken/Mis Location :	-		lerate, Ar	ea Affected : 20%			
Marble Panels	5%			LIFE	* *	5	\$500	
Vinyl Tile	90%			2029	\$117,300	3	\$4,900	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	\$1,100	
Gypsum Board	5%			LIFE	* *	5	\$700	
Plaster	90%	0-2	\$16,800	LIFE	* *	5	\$6,000	
		rumbling,	Extent : Light, Ar		ed : 10%	5	\$0,000	

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

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

Asset # : 13241

		/	Set # 132					
Architecture		Current Repa	ir	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Esti (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nterior								
Ceilings								
AcousTileConcealSpLn	5%			2042	* *	5	\$900	
AcousTileSusp.Lay-In	5%			2042	* *	5	\$700	
Plaster	90%		.	LIFE	* *	5	\$8,300	
		pair Evident, Ex 1 : Throughout, 2	-	ea Affec	cted : 75%			
ite Enclosure								
Fence/Gates								
Iron Picket	100%			2064	* *			
Free Standing Walls								
Masonry: Brick	100%			2039	* *			
Retaining Walls								
Masonry: Brick	98%			2049	* *			
Masonry: Fieldstone	2%			2039	* *			
ite Pavements								
Public Sidewalk	1000/			2042	* *			
Cast in Place Concrete	100%			2042				
On-Site Walkways Cast in Place Concrete	95%			2042	* *			
Pavers/Stone	93% 5%			2042	* *			
	570			2050				
Electrical		Current Repa	ir	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Esti (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Component Type			imated Cost		Estimated Cost	•	Estimated Cost	Priorit
Component Type Jnder 600 Volts			imated Cost		Estimated Cost	•	Estimated Cost	Priorit
Component Type			imated Cost		Estimated Cost \$1,600	•	Estimated Cost \$400	Priorit
Component Type Inder 600 Volts Service Equipment	Total			FY 2029	\$1,600	(Yrs)		Priorit
Component Type Inder 600 Volts Service Equipment	Total 100% Other Obs	(Years)	t : Light, Area 2	FY 2029	\$1,600	(Yrs)		Priorit
Component Type Under 600 Volts Service Equipment Molded Case Bkrs	Total 100% Other Obs Location	(Years)	t : Light, Area A om	FY 2029 Affected	\$1,600 1 : 100%	(Yrs)		Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard	Total 100% Other Obs Location Explana	(Years) eervation, Extent : Electrical Roo	t : Light, Area A om	FY 2029 Affected Disconn	\$1,600 ' : 100% ect Switch	(¥rs)	\$400	Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs	Total 100% Other Obs Location	(Years) eervation, Extent : Electrical Roo	t : Light, Area A om	FY 2029 Affected	\$1,600 1 : 100%	(Yrs)		Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway	Total 100% Other Obs Location Explana 100%	(Years) ervation, Extent : Electrical Roo tion : One 500 A	t : Light, Area A om	FY 2029 Affected Disconn 2029	\$1,600 1 : 100% ect Switch \$34,200	(Yrs) 5 5	\$400	Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	Total 100% Other Obs Location Explana 100%	(Years) eervation, Extent : Electrical Roo tion : One 500 A	t : Light, Area A om	FY 2029 <i>Affected</i> <i>Disconn</i> 2029 2049	\$1,600 5 : 100% ect Switch \$34,200 * *	(Yrs) 5 5 1	\$400	Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit	Total 100% Other Obs Location Explana 100%	(Years) eervation, Extent : Electrical Roo tion : One 500 A	t : Light, Area A om	FY 2029 Affected Disconn 2029	\$1,600 1 : 100% ect Switch \$34,200	(Yrs) 5 5	\$400	Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards	Total 100% Other Obs Location Explana 100% 5% 95%	(Years) ervation, Extent : Electrical Roo tion : One 500 A	t : Light, Area A om	FY 2029 Affected Disconn 2029 2049 2029	\$1,600 1 : 100% ect Switch \$34,200 * * \$31,500	(Yrs) 5 5 1 1	\$400	Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw	Total 100% Other Obs Location Explana 100% 5% 5% 5%	(Years) ervation, Extent : Electrical Roo tion : One 500 A	t : Light, Area A om	FY 2029 <i>Affected</i> <i>Disconn</i> 2029 2049 2029 2028	\$1,600 : 100% ect Switch \$34,200 * * \$31,500 \$800	(Yrs) 5 5 1 1 5	\$400	Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Total 100% Other Obs Location Explana 100% 5% 95%	(Years) ervation, Extent : Electrical Roo tion : One 500 A	t : Light, Area A om	FY 2029 Affected Disconn 2029 2049 2029	\$1,600 1 : 100% ect Switch \$34,200 * * \$31,500	(Yrs) 5 5 1 1	\$400	Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Total 100% Other Obs Location Explana 100% 5% 95%	(Years) ervation, Extent : Electrical Roo tion : One 500 A	t : Light, Area A om Imperes Main I	FY 2029 <i>Affected</i> Disconn 2029 2029 2029 2028 2028	\$1,600 : 100% ect Switch \$34,200 ** \$31,500 \$800 \$15,000	(Yrs) 5 5 1 1 5 5	\$400	Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Total 100% Other Obs Location Explana 100% 5% 95% 40%	(Years) ervation, Extent : Electrical Roo tion : One 500 A	t : Light, Area A om Imperes Main I \$11,700	FY 2029 Affected Disconn 2029 2029 2029 2028 2028 2028 20254	\$1,600 2: 100% ect Switch \$34,200 ** \$31,500 \$800 \$15,000 **	(Yrs) 5 5 1 1 5	\$400	Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Total 100% Other Obs Location Explana 100% 5% 95% 5% 95% 40% Insulation	(Years) eervation, Extent : Electrical Roo tion : One 500 A 2-4 Aged, Extent : 1	t : Light, Area A om Imperes Main I \$11,700 Moderate, Area	FY 2029 4 <i>ffected</i> Disconn 2029 2029 2029 2028 2028 2028 2028	\$1,600 2: 100% ect Switch \$34,200 ** \$31,500 \$800 \$15,000 **	(Yrs) 5 5 1 1 5 5	\$400	Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth	Total 100% Other Obs Location Explana 100% 5% 95% 5% 95% 40% Insulation Location	(Years) ervation, Extent : Electrical Roo tion : One 500 A 2-4 Aged, Extent : 1 2 : Throughout T	t : Light, Area A om Imperes Main I \$11,700 Moderate, Area	FY 2029 <i>Affected</i> <i>Disconn</i> 2029 2029 2028 2028 2028 2028 2054 <i>Affecte</i>	\$1,600 :: 100% ect Switch \$34,200 ** \$31,500 \$800 \$15,000 ** ** ed : 100%	(Yrs) 5 5 1 1 5 5 1 1	\$400	Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth Thermoplastic	Total 100% Other Obs Location Explana 100% 5% 95% 5% 95% 40% Insulation Location 50%	(Years) ervation, Extent : Electrical Roo tion : One 500 A 2-4 Aged, Extent : 1 : Throughout T	t : Light, Area A om Imperes Main I \$11,700 Moderate, Area	FY 2029 <i>Affected</i> <i>Disconn</i> 2029 2029 2028 2028 2028 2028 2054 <i>Affecte</i> 2029	\$1,600 :: 100% ect Switch \$34,200 ** \$31,500 \$800 \$15,000 ** ed : 100% \$14,700	(Yrs) 5 5 1 1 5 5 1 1 1	\$400	Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth Thermoplastic Thermoplastic	Total 100% Other Obs Location Explana 100% 5% 95% 5% 95% 40% Insulation Location	(Years) ervation, Extent : Electrical Roo tion : One 500 A 2-4 Aged, Extent : 1 : Throughout T	t : Light, Area A om Imperes Main I \$11,700 Moderate, Area	FY 2029 <i>Affected</i> <i>Disconn</i> 2029 2029 2028 2028 2028 2028 2054 <i>Affecte</i>	\$1,600 :: 100% ect Switch \$34,200 ** \$31,500 \$800 \$15,000 ** ** ed : 100%	(Yrs) 5 5 1 1 5 5 1 1	\$400	Priorit
Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth Thermoplastic	Total 100% Other Obs Location Explana 100% 5% 95% 5% 95% 40% Insulation Location 50%	(Years) eervation, Extent : Electrical Roo tion : One 500 A 2-4 Aged, Extent : 1 : Throughout T	t : Light, Area A om Imperes Main I \$11,700 Moderate, Area	FY 2029 <i>Affected</i> <i>Disconn</i> 2029 2029 2028 2028 2028 2028 2054 <i>Affecte</i> 2029	\$1,600 :: 100% ect Switch \$34,200 ** \$31,500 \$800 \$15,000 ** ed : 100% \$14,700	(Yrs) 5 5 1 1 5 5 1 1 1	\$400	Priorit

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.

Asset # : 13241

	ASSEL	#.13241				
Electrical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)		Estimated Cost		Estimated Cost	Priorit
Ground		•				
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Lighting						
Interior Lighting						
Fluorescent	10%	2034	* *	10	\$1,300	
	Other Observation, Extent : Light	ht, Area Affected :	100%			
	Location : Mezzanine					
	Explanation : T-8 Lamps					
Fluorescent	5%	2034	* *	10	\$600	
	Compact Fluorescent Light, Ext	ent : Light, Area A	Iffected : 100%			
	Location : Throughout The Bu	ilding				
LED	85%	2037	* *			
Egress Lighting						
Emergency, Battery	50%	2034	* *	10	\$1,700	
Exit, Service	50%	2034	* *	1		
Exterior Lighting						
HID	100%	2024	\$56,200	10		
larm						
Security System						
No Component	70%					
Generic	30%	2034	* *	1	\$1,600	
Fire/Smoke Detection						
No Component	70%					
Generic, Digital	30%	2034	* *	1-3	\$2,600	
Wechanical	Current Repair	Future	Replacement	М	aintenance	
System	% of Fail Date Estimated	d Cost Vear	Estimated Cost	Cycle	Estimated Cost	Priorit
Component	Total (Years)	FY	Estimated Cost	(Yrs)	Estimated Cost	1110110
Туре				()		
leating						
Energy Source		• • • •	ale ale			
Natural Gas	100%	2039	* *	1		
	Other Observation, Extent : Light	ht, Area Affected :	100%			
	Location : Sub-basement					
	Explanation : Old Oil Tank Ab	andoned In Place				
Conversion Equipment	1000/	2027	¢107.500	1	#7 000	
Hot Water Boiler	100%	2027	\$107,500	1	\$7,000	
	Other Observation, Extent : Light	nt, Area Affected :	100%			
	Location : Sub-basement					
	Explanation : One Gas Fired I	101 Water Boiler				
Distribution	1000/	2025	* *	4	#1 000	
Hot Wtr Piping/Pump	100%	2037	* *	4	\$1,000	
Terminal Devices	500/	A A A A	-11-		AA A A A A A A A A 	
Convector/Radiator	50%	2042	* *	1	\$2,300	
Not Accessible	50%					
Air Conditioning						

Air Conditioning

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

Asset # : 13241

Mechanical	Current Repair	Current Repair Future Replacement Maintenance				
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2045	* *	1		
Conversion Equipment						
Not Accessible	100%					
Heat Rejection						
Not Accessible	100%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$7,800	
Exhaust Fans						
Not Accessible	100%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2039	* *	1		
Water Heater	1000/	• • • •	* ~ * ~		* •••	
Gas Fired	100%	2029	\$8,500	2	\$200	
	Recent Replace Evident, Exte Location : Boiler Room	ent : Light, Area Affec	ted : 100%			
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2034	* *	4	\$400	
Backflow Preventer						
Not Accessible	100%					
Fixtures						
Generic	100%					
/ertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent :		100%			
	Location : Basement To Me	ezzanine				
	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 : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block		000 / 13240 019		: 33 d : 1990 / 1991 : BROOKLYN PUBLI : NONE : 3327822	C LIBRARY
CAPITAL			FY 2021 - 2024		FY 2025 - 2030
Electrical					\$42,700
Mechanical			\$59,600		\$256,700
Total			\$59,600		\$299,500
Importance Code	А		\$59,600		
Importance Code					\$299,500
Total			\$59,600		\$299,500
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture	\$45,700		\$4,700	
Interior Architect	ure	\$12,500		\$1,800	\$100
Electrical		\$600	\$400	\$500	\$400
Mechanical		\$3,000	\$1,200	\$1,500	\$1,000
Site Pavements		\$600			
Total		\$62,400	\$1,500	\$8,400	\$1,600
Importance Code	A	\$45,700	\$400	\$5,100	\$400
Importance Code	В	\$6,600	\$1,100	\$3,300	\$1,200
Importance Code	C	\$10,100			



\$1,500

\$8,400

\$1,600

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

\$62,400

Total

BROOKLYN PUBLIC LIBRARY - 038 CLARENDON BRANCH LIBRARY

Asset # : 13240

Architecture	Current Rep	air Future R	eplacement	М		
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Exterior Walls						
Masonry: Brick	92%	LIFE	* *	5	\$24,200	
Metal Panel	5%	2050	* *	5-10	\$4,500	
Pre-Cast Concrete	3%	LIFE	* *	5	\$2,600	
Windows						
Aluminum	90%	2046	* *	5	\$300	
Glass Block	10%	LIFE	* *	5		
Parapets						
Masonry: Brick	80%	LIFE	* *	5-10	\$37,700	
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	
Interior						
Floors						
Cast in Place Concrete	5%	LIFE	* *	5	\$1,200	
	-	ight, Area Affected : 25%				
	Location : Mechanical	Room				
Ceramic Tile	5%	2039	* *	5	\$300	
Vinyl Tile	90%	2035	* *	3	\$1,900	
Interior Walls					-	
Concrete Masonry Unit	20%	LIFE	* *	5	\$1,700	
Gypsum Board	80%	LIFE	* *	5-10	\$14,200	
Ceilings						
AcousTileSusp.Lay-In	40%	2043	* *	5	\$2,300	
Exposed Struc: Steel	5%	LIFE	* *	10	\$600	
Fiber Board	45%	2035	* *			
	Other Observation, Externation	nt : Light, Area Affected : 1	00%			
	Location : Main Seatin	g Area				
	Explanation : Actual M	aterial Is Fabric Panel				
Gypsum Board	10%	LIFE	* *	5-10	\$2,000	
Site Enclosure	-				+)	
Fence/Gates						
Iron Picket	100%	2065	* *			
		ent : Light, Area Affected : .	5%			
	Location : Along Nostr					
Site Pavements	<u> </u>					
Public Sidewalk						
Cast in Place Concrete	100% 4+	\$600 2043	* *			
		ent : Light, Area Affected : .	5%			
	Location : Along Nostr					
On-Site Walkways	0					
Pavers/Stone	100%	2039	* *			
	100/0	2007				

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.

BROOKLYN PUBLIC LIBRARY - 038 CLARENDON BRANCH LIBRARY

Asset # : 13240

Electrical		Current Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2040	* *	5	\$200	
		ervation, Extent : Light, Area	Affected	: 100%			
		: Electrical Room					
	Explanat	tion : Main Service Disconned	ct Rated A	4t 500 Amperes			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2040	* *	5	\$200	
Raceway	1000/		• • • • •				
Conduit	100%		2040	* *	1		
Panelboards	100/			ala ala	-		
Fused Disc Sw	10%		2038	* *	5	*2 00	
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							
Grounding Devices Generic	100%		LIFE	* *	5	\$200	
	10070		LIFE		3	\$200	
ighting Interior Lighting							
LED	100%		2035	* *			
Egress Lighting	10070		2035				
Emergency, Battery	50%		2030	\$5,600	10	\$900	
Exit, Service	50%		2030	\$600	1	φνου	
Exterior Lighting	5070		2030	\$000	1		
LED	50%		2035	* *			
		ervation, Extent : Light, Area		: 100%			
		: Perimeter	55				
	Explanat	tion : Operated Via Photocell					
No Component	50%	1					
Alarm	2070						
Security System							
No Component	50%						
Generic	50%		2035	* *	1	\$1,500	
		ervation, Extent : Light, Area		: 100%		÷)	
		: Throughout The Building					
		tion : Surveillance Cameras					
Fire/Smoke Detection	<u>^</u>						
No Component	50%						
Generic, Analog	50%		2030	\$42,700	1-3	\$2,500	
-		ervation, Extent : Light, Area	Affected	: 100%			
	Location	: Throughout The Building					
	Explanat	ion : Alarm Bells, Manual Pu	ll Station	ı, Strobe Lights			

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.

BROOKLYN PUBLIC LIBRARY - 038 CLARENDON BRANCH LIBRARY

Asset # : 13240

% of Fail Date Estimated Cos Total (Years)	FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%					
100%					
100%					
	2040	* *	1		
100%0-2\$59,600On Extended Life, Extent : Severe, Are Location : Boiler Room	2050 ea Affectea	* * ! : 100%	1	\$3,500	
			4	\$600	
Location : Boiler Room	, Area Affe	ected : 20%			
85%	2025	\$92,400	1	\$4,100	
		* *	1		
1009/	2016	* *	1		
100%	2040		1		
100%	2028	\$164,400	2	\$500	
R-22 Refrigerant, Extent : Light, Area Location : Equipment Room	Affected :	100%			
100%	LIFE	* *	2-5	\$6,900	
100%	2030	\$12,800	2	\$200	
1000/	2040	ىك باب	1		
100%	2040	<u> </u>	1		
1000/	2025	¢ 4, 700	2	¢100	
100%	2025	\$4,700	2	\$100	
1009/	LIDD	* *	1		
10070	LIFE		1		
100%		* *	1		
10070	LIFE		1		
100%					
	Location : Boiler Room 100% Other Observation, Extent : Moderate Location : Boiler Room Explanation : Pump Controls Issues 85% 15% 100% R-22 Refrigerant, Extent : Light, Area	Location : Boiler Room100%2038Other Observation, Extent : Moderate, Area Affe Location : Boiler Room Explanation : Pump Controls Issues85%2025 15%100%2046100%2028R-22 Refrigerant, Extent : Light, Area Affected : Location : Equipment Room100%LIFE100%2030100%2040100%LIFE100%LIFE100%LIFE100%LIFE100%LIFE100%LIFE100%LIFE100%LIFE100%LIFE100%LIFE	100% 2038 ** Other Observation, Extent : Moderate, Area Affected : 20% Location : Boiler Room Explanation : Pump Controls Issues 85% 2025 \$92,400 15% 2035 ** 100% 2046 ** 100% 2028 \$164,400 R-22 Refrigerant, Extent : Light, Area Affected : 100% LIFE ** 100% LIFE ** 100% 2030 \$12,800 100% 2040 ** 100% LIFE ** 100% 2040 ** 100% LIFE ** 100% LIFE ** 100% LIFE **	Location : Boiler Room 100% 2038 *** 4 Other Observation, Extent : Moderate, Area Affected : 20% 1 1 Location : Boiler Room 2025 \$92,400 1 Explanation : Pump Controls Issues 2035 *** 1 100% 2046 *** 1 100% 2046 *** 1 100% 2028 \$164,400 2 <i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i> 2 2 100% LIFE ** 2 100% 2030 \$12,800 2 100% 2025 \$4,700 2 100% LIFE ** 1 100% 2025 \$4,700 2 100% LIFE ** 1	Location : Boiler Room 100% 2038 ** 4 \$600 Other Observation, Extent : Moderate, Area Affected : 20% Location : Boiler Room Explanation : Pump Controls Issues 85% 2025 \$92,400 1 \$4,100 15% 2035 ** 1 \$400 100% 2046 ** 1 \$400 100% 2028 \$164,400 2 \$500 <i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i> Location : Equipment Room 2030 \$12,800 2 \$200 100% 2030 \$12,800 2 \$200 100% 2025 \$4,700 2 \$100 100% 2025 \$4,700 2 \$100 100% 2025 \$4,700 2 \$100 100% LIFE ** 1 100 100 1

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

BROOKLYN PUBLIC LIBRARY - FY 2020 Print Date: 12-Sep-2019

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	: 380 WAS : BROOKI	HINGTON A LYN 3.000 / 13242)19	ANCH LIBRA AVE. BTWN (ARY GREENE AVE - LAFA Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	YETTE AVE : 83 : 1974 / 2000 : BROOKLYN PUBI : HISTORICAL LAN : 3055495	-
CAPITAL Exterior Architect Interior Architect Electrical				FY 2021 - 2024 \$63,700		FY 2025 - 2030 \$318,500 \$81,400 \$117,900
Total				\$63,700		\$517,800
Importance Code Importance Code				\$63,700		\$318,500 \$199,300
Total				\$63,700		\$517,800
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$38,600			
Interior Architect	ure		\$21,000		\$500	\$1,000
Electrical			\$2,000	\$400	\$400	\$600
Mechanical			\$11,700	\$800	\$5,000	\$800
Site Enclosure			\$1,900			
Total			\$75,200	\$1,200	\$5,900	\$2,500
Importance Code	A		\$39,000	\$400	\$400	\$400
Importance Code	В		\$29,400	\$900	\$5,300	\$2,100
Importance Code	C		\$6,900		\$200	
Total			\$75,200	\$1,200	\$5,900	\$2,500



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.

Asset # : 13242

Architecture		Current			o Poplacement		aintananee	
		Current F			e Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	\$19,900	
Stucco Cement	30%	Now	\$28,400	2043	* *	5	\$5,300	
		-	e, Extent : Moderat					
			out Lower Portion					
			Extent : Moderate, A		ected : 100%			
			ous Band At Top O					
	Explana	tion : Expo	sed Aggregate Fin	ish				
Windows	1000/			• • • • •	at at	_	* < • •	
Aluminum	100%			2046	* *	5	\$600	
Roof	1000/	NT	¢(2 , 7 00	2020	¢210.500			
Modified Bitumen	100%		\$63,700	2030	\$318,500			
			xtent : Moderate, A					
a	Location	: various	Locations In The N	iain Rea	aing koom			
Soffits Stucco Cement	1000/			2025	* *	5		
Stucco Cement	100%	omution E	utout Light Aug	2035		5		
			Extent : Light, Area	Ајјестеа	1. 100%			
			And Door Soffits					
terior	Ехріана	non : This I	Is Actually An Exp	osea Agg	regale Finish			
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$4,600	
Ceramic Tile	5%			2033	* *	5	\$500	
Panel/Paver: Cer/Brk	5%			2046	* *	5	\$1,200	
Vinyl Tile	80%			2030	\$81,400	3	\$4,200	
Interior Walls					. ,		. ,	
Ceramic Tile	5%			2033	* *	5	\$500	
Concrete Masonry Unit	70%			LIFE	* *	5	\$5,100	
Gypsum Board	25%			LIFE	* *	5-10	\$3,900	
Ceilings								
AcousTileSusp.Lay-In	80%	4+	\$7,700	2043	* *	5	\$4,200	
	-	-	Extent : Moderate					
	Location	: Perimete	er Of South Wall O	f Main R	eading Room			
			xtent : Moderate, A					
	Location	a : Perimete	er Of South Wall O	f Main R	eading Room			
Exposed Struc: Steel	10%			LIFE	* *	10	\$2,100	
Gypsum Board	10%			LIFE	* *	5-10	\$3,600	
ite Enclosure								
Fence/Gates								
Chain Link		Now	\$1,900	2050	* *			
		-	ents, Extent : Mod	erate, Ar	rea Affected : 10%			
	Location	a : North Al	leyway					
Iron Picket	40%			2065	* *			
ite Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			

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.

Asset # : 13242

			A5561#. 13	242				
Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Electrical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)		· ·
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2030	\$1,700	5	\$200	
	Other Obse	ervation, E	xtent : Light, Area	Affected				
	Location	: Electrica	al Room					
	Explanat	ion : One -	400 Ampere Main I	Disconne	ect Switch			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2030	\$37,200	5	\$200	
Raceway	1000/			• • • • •	** < 1 < >			
Conduit	100%			2030	\$36,100	1		
Panelboards	50/			2020	¢000	~		
Fused Disc Sw	5% 95%			2029	\$900	5	¢200	
Molded Case Bkrs Wiring	93%			2029	\$16,300	5	\$200	
Thermoplastic	100%			2030	\$31,900	1		
Motor Controllers	10070			2030	\$51,700	1		
Locally Mounted	100%			2028	\$17,400	5	\$100	
Ground	10070			2020	\$17,000	0	\$100	
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	20%			2025	\$17,300	10	\$1,400	
	-		ures, Extent : Light	t, Area A	ffected : 100%			
		: Mechani	cal Room					
LED	80%			2035	* *			
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	\$900	
Exit, Service	50%			2035	* *	1		
Exterior Lighting	500/			2025	¢16 200	10		
HID	50%	omention L	Extent : Light, Area	2025	\$16,300	10		
		ervation, E : Perimete	0	луесией	. 100/0			
			ated Via Timer					
No Component	50%	ion . Oper						
Alarm	5070							
Security System								
Security System No Component	30%							

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.

Asset # : 13242

			A55el # . 13	242				
Electrical		Current I	Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	50%							
Generic, Analog	50%			2025	\$44,700	1-3	\$2,400	
Maakaal			_					
Mechanical		Current I	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Furnace	100%			2035	* *	1	\$3,700	
			Extent : Light, Area	Affectea	! : 100%			
	Location	e e						
	Explana	tion : 2 Un	its					
Air Conditioning								
Energy Source	1000/			0046	* *			
Electricity	100%			2046	* *	1		
Distribution	1000/			LIPP	* *	2	¢12 200	
Ductwork/Diffusers	100%			LIFE	· · ·	2	\$12,200	
Terminal Devices	1000/			2025	* *	1	¢4.600	
Air Handler/Cool/Ht	100%			2035	-11-	1	\$4,600	
Heat Rejection	1000/			2025	* *	2	¢5 200	
Air Cooled Condenser	100%			2035		2	\$5,200	
Unit								
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,600	
Exhaust Fans	10070			LIFE		2-3	\$0,000	
Roof	100%			2035	* *	2	\$200	
Plumbing	10070			2033		2	\$200	
H/C Water Piping								
Galvanized Steel	100%			2043	* *	1		
Water Heater	10070			2045		1		
Gas Fired	100%	Now	\$4,900	2030	\$4,900	2	\$100	
Gustinea			ere, Area Affected :		\$1,900	2	ψ100	
			r Mechanical Roon					
			Extent : Light, Area		!: 100%			
			r Mechanical Roon					
		tion : 40 G						
Sanitary Piping	Trana							
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping						-		
Cast Iron	100%			LIFE	* *	1		

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

Asset # : 13242

Mechanical	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
Plumbing						
Backflow Preventer						
No Component	90%					
Generic	10%	2035	* *	1	\$100	
Fixtures						
Generic	100%					
	Obsolete Fixtures, Extent :	Moderate, Area Affec	cted : 100%			
	Location : Main Floor					

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.

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address		ISLAND BRANC RMAID AVE. W.				
Autress Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed	: BROOKI	LYN 2.000 / 13243 19	Agency's Number Yr Built/Renovated Project Type Landmark Status	: 32 : 1957 / 2013 : BROOKLYN PUBLIC LIBRARY : NONE		
Block	: 7019	Lot : 4	BIN	: 3189001		
CAPITAL			FY 2021 - 2024	FY 2025 - 2030		
Exterior Architec Electrical	ture		\$294,300	\$283,200 \$14,800		
Total			\$294,300	\$298,000		
Importance Code Importance Code			\$294,300	\$283,200 \$14,800		
Total			\$294,300	\$298,000		

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$26,200			
Interior Architecture	\$68,800	\$3,700	\$1,700	\$1,400
Electrical	\$800	\$700	\$800	\$700
Mechanical	\$10,300	\$1,500	\$6,900	\$1,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$110,200	\$9,900	\$13,300	\$7,200
Importance Code A	\$26,900	\$700	\$700	\$700
Importance Code A Importance Code B	\$26,900 \$66,200	\$700 \$9,200	\$700 \$12,000	\$700 \$6,500
-				



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.
Asset # : 13243

rchitecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls	0.00/					_		
Masonry: Brick		Now	\$43,600	LIFE	* *	5	\$27,300	
			nt : Moderate, Are					
		: At Rear I	Facade And Stair I		-			
Masonry: Granite	5%			LIFE	* *	5	\$2,600	
Metal/Glass Curt Wall	15%	• 00 .		LIFE	* *	5	\$19,200	
			Extent : Light, Ar	ea Affect	ed : 100%			
	Location	: Main En	trance					
Windows	7.50/	N.T.	¢1.000	2046	* *	-	\$700	
Aluminum		Now	\$1,200	2046		5	\$700	
			xtent : Moderate, 2 r Office Rear Wind		cieu : 5%			
		. 151 F1001	Office Kear wind	OW				
Under Construction	25%							
Parapets	1.50/	NT	Φ 7 0 100	TIPP	* *	_	¢ / 000	
Cast Stone/Terra Cotta		Now	\$70,100	LIFE		5	\$4,000	
			: Light, Area Affeo	ctea : 100)%0			
		: Through		a Affaats	1. 1000/			
			xtent : Severe, Are	a Affecte	2a : 100%			
		: Through		Single	Dh. Dubbar Dua Ta	Damag	2	
	-			-	Ply Rubber Due To	-		
Masonry: Brick		Now	\$180,600	LIFE	* *	5	\$3,000	
			ht, Area Affected : arapet Wall Base (Zlashina			
			xtent : Severe, Are					
		: Through		u Ajjecie	a. 10070			
		-		s Sinale	Ply Rubber Due To	Damag	2	
Roof	Елріаниі			e Single I	l ly Rubber Due 10	Dumug	2	
Modified Bitumen	95%	Now	\$14,200	2030	\$283,200			
Tribunited Brianten			nt, Area Affected :		\$203,200			
		-	To Mechanical Ed		On Main Roof			
Skylight, Metal/Glass	5%	5		2040	**	10	\$3,500	
Skynght, Wetal/Glass		ed Finish	Extent : Light, Are		$d \cdot 100\%$	10	φ5,500	
			khead Roof And M					
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
erior						-		
Floors								
Carpet	10%			2031	* *	3	\$3,100	
Cast in Place Concrete	10%			LIFE	* *	5	\$9,200	
Ceramic Tile	10%			2043	* *	5	\$2,100	
Terrazzo	15%			LIFE	* *	5	\$4,900	
Vinyl Tile	55%	Now	\$10,400	2035	* *	3	\$4,300	
	Broken/Mi	ssing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 20%			
	Location	· Through	out 1st And 2nd Fl	oors				

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.

Asset # : 13243

Architecture	(Current Re	epair	Futur	e Replacement	Μ	aintenance	
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
iterior								
Interior Walls						_		
Ceramic Tile	5%			2043	* *	5	\$1,300	
Glass: Single Pane	5%			LIFE	* *	5	\$1,900	
Gypsum Board	50% 15%			LIFE LIFE	* *	5-10	\$21,400 \$1,100	
Masonry: Brick Plaster	25%	Now	\$1,100	LIFE	* *	10 5	\$1,100 \$1,900	
Tlaster	-		Extent : Moderate		ffected · 5%	5	\$1,900	
	-	-	4t Roof Bulkhead	, eu,	jeeleu i eye			
			Light, Area Affec	cted : 109	%			
			At Roof Bulkhead					
Ceilings			U U					
AcousTileSusp.Lay-In	30%			2047	* *	5	\$5,400	
Gypsum Board	35%			LIFE	* *	5-10	\$21,600	
Plaster	25%			LIFE	* *	5-10	\$7,700	
		0	Light, Area Affec	cted : 109	%			
	Location :	Stairwell						
Wood	10%			LIFE	* *	5	\$31,400	
ite Enclosure								
Fence/Gates								
Iron Picket	100%			2065	* *			
ite Pavements								
Public Sidewalk	1000/			2025	* *			
Cast in Place Concrete	100% Other Obser	wation Fr	tent : Light, Area	2035 Affected				
			rmaid Avenue An					
		-	Construction	<i>a 17th St</i>				
On-Site Walkways	Liptuntito		construction					
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	95%			2039	* *			
			tent : Light, Area	Affected	: 100%			
	Location :	North Side	e Of Building					
	Explanatio	n : For N	C Zipcars					
Cast in Place Concrete	5%			2043	* *			
Electrical	(Current Re	epair	Futur	e Replacement	M	aintenance	
System Component	% of F	ail Date	Estimated Cost		Estimated Cost	Cycle	Estimated Cost	Priorit
Туре	Total ((Years)		FY		(Yrs)		
Inder 600 Volts	1			1				
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	\$100	
		vation, Ex	tent : Light, Area		: 100%			
	Location :	Boiler Roo	om					
	Explanatio	n : 600 An	nperes Service					
Switchgear / Switchboard					-			
	100%			2050	* *		\$100	

Estimates are rounded to the nearest hundred dollars.

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

Asset # : 13243

	A3300	.#.10240				
Electrical	Current Repair	Future R	eplacement	M	aintenance	
System	% of Fail Date Estimat	ed Cost Year Es	timated Cost	Cycle	Estimated Cost	Priority
Component Type	Total (Years)	FY		(Yrs)		-
Under 600 Volts						
Raceway						
Conduit	100%	2050	* *	1		
Panelboards	10070	2000		-		
Molded Case Bkrs	100%	2046	* *	5	\$400	
Wiring						
Thermoplastic	100%	2050	* *	1		
Motor Controllers						
Locally Mounted	100%	2043	* *	5	\$100	
Ground						
Grounding Devices						
Not Accessible	100%					
Lighting						
Interior Lighting	000/	2025	* *	10	¢10.200	
Fluorescent	80% T-8 Lamps And Fixtures, Exter	2035		10	\$10,300	
	Location : Throughout The B	0 00	ea : 100%			
	-		¢14.000	10	¢1.200	
Fluorescent	10%	2030	\$14,800	10	\$1,300	
	T-8 Lamps And Fixtures, Exter Location : Basement	it : Light, Area Ajjecio	ea : 100%			
.		2020	\$14000			
Incandescent	10%	2030	\$14,800	2		
Egress Lighting	500/	2020	¢2 (00	1		
Emergency, Service Exit, LED	50% 50%	2030 2058	\$3,600 * *	1		
-	30%	2038		1		
Alarm Security System						
No Component	50%					
Generic	50%	2035	* *	1	\$2,600	
	Other Observation, Extent : Li		00%	-	<i><i><i></i></i></i>	
	Location : First And Second					
	Explanation : Cameras					
Fire/Smoke Detection						
No Component	50%					
Generic, Digital	50%	2035	* *	1-3	\$4,300	
Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component	% of Fail Date Estimat	ed Cost Year Es	timated Cost		Estimated Cost	Priority
Туре	Total (Years)	FY		(Yrs)		
Heating						
10001115						
Energy Source Natural Gas	100%	2050	* *	1		
Energy Source Natural Gas	100%	2050	* *	1		
Energy Source	100%	2050 2043	* *	1	\$6,900	
Energy Source Natural Gas Conversion Equipment					\$6,900	
Energy Source Natural Gas Conversion Equipment Hot Water Boiler					\$6,900 \$1,000	
Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution	100%	2043	* *	1	-	

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

Asset # : 13243

Mechanical	Current Repair	Future Repl	acement	Μ	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin FY	nated 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	\$22,800	
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$12,400	
Exhaust Fans				-	*	
Roof	100%	2035	* *	2	\$400	
Plumbing						
H/C Water Piping	1000/	2050	* *			
Brass/Copper	100%	2050	* *	1		
Water Heater	1000/	2020	#0.500	2	#2 00	
Gas Fired		2028	\$8,500	2	\$200	
	Other Observation, Extent : Light, Area Location : 1st Floor Mechanical	a Affectea : 100%	0			
	Explanation : One 50 Gallon Unit					
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
	100%	LIFE		1		
Storm Drain Piping	100%	LIFE	* *	1		
Cast Iron	100%	LIFE		1		
Fixtures	1000/					
Generic	100%					
Vertical Transport						
Elevators	100%	LIFE	* *			
Hydraulic	100% Other Observation, Extent : Light, Area					
	Location : 1st To 2nd Floor	и Ајјестей . 1007	<i>r0</i>			
	Explanation : One Unit					
	Explanation: One Onli					

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.

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address	: CORTELYOU BRANCH LIBRARY : 1305 CORTELYOU RD. @ARGYLE RD.								
Borough	: BROOKLYN	Agency's Number	: 87						
Program / Asset #	: BPL0C87.000 / 13244	Yr Built/Renovated	: 1983 / 2005						
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 2021 - 2024	FY 2025 - 2030
Exterior Architecture		\$128,900
Interior Architecture		\$38,400
Electrical		\$79,400
Total		\$246,700
Importance Code A		\$128,900
Importance Code B		\$117,800
Total		\$246,700

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$32,800		\$200	
Interior Architecture	\$7,700		\$100	\$500
Electrical	\$10,500	\$400	\$500	\$400
Mechanical	\$7,100	\$1,300	\$5,200	\$1,100
Site Pavements	\$1,700			
Total	\$59,800	\$1,700	\$6,000	\$2,100
Importance Code A	\$33,200	\$400	\$500	\$400
Importance Code B	\$20,400	\$1,400	\$5,500	\$1,700
Importance Code C	\$6,200			
Total	\$59,800	\$1,700	\$6,000	\$2,100



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.

Asset # : 13244

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	\$19,800	
Windows								
Aluminum	100%			2038	* *	5	\$300	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	\$11,800	
Metal Panel	5%			2050	* *	5	\$400	
Roof	1000/	NT	¢12 000	2020	¢1 2 0.000			
Modified Bitumen	Alligatorii Locatior	: Seams	\$12,900 Moderate, Area A	-				
		xtent : Moo : Through	lerate, Area Affect out	ed : 40%				
		on Func/Mi : Through	iss, Extent : Moder out	ate, Area	Affected : 60%			
	0		tent : Moderate, Al out Main Roof	rea Affec	ted : 15%			
	Water Per	netration, E	xtent : Light, Area	Affected	: 5%			
	Location	: Over Me	eting Room And K	itchen				
nterior								
Floors								
Ceramic Tile	5%			2033	* *	5	\$200	
Vinyl Tile	95%			2030	\$38,400	3	\$2,100	
Interior Walls	0.50/			TIPE	* *	-	#0.000	
Concrete Masonry Unit	95%			LIFE	* *	5	\$8,000	
Glass: Single Pane	2% 3%			LIFE LIFE	* *	5 5-10	\$300 \$500	
Gypsum Board	570			LIFE		3-10	\$300	
Ceilings AcousTileSusp.Lay-In	-	Discoloring,	\$1,700 Extent : Light, Ar		* * ed : 5%	5	\$2,000	
		-	Room And Kitcher					
			xtent : Light, Area		: 5%			
			Room And Kitcher					
Exposed Struc: Steel	5%			LIFE	* *	10	\$400	
Gypsum Board	5%			LIFE	* *	5-10	\$800	
ite Enclosure								
Fence/Gates Iron Picket	100%			2065	* *			
ite Pavements	10070			2005				
Public Sidewalk								
Cast in Place Concrete	100%			2035	* *			
On-Site Walkways	10070			2000				
Cast in Place Concrete	100%	Now	\$1,700	2035	* *			
	Cracking/		Extent : Moderate		ffected : 15%			
		-	ent : Moderate, Ar	ea Affect	ted : 5%			
		i : Entry Co						

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.

Asset # : 13244

Electrical	Current Re	pair Fut	ure Replacement	Μ	laintenance	
System Component Type	% of Fail Date H Total (Years)	Estimated Cost Year FY	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2040	**	5		
	Other Observation, Ext	ent : Moderate, Area A <u>j</u>	fected : 100%			
	Location : Electrical					
	Explanation : Two 20	0 Ampere Main Discon	nect Switches			
Switchgear / Switchboard						
Fused Disc Sw	100%	2040	**	5		
Raceway						
Conduit	90%	2040		1		
Conduit	10%	2050	**	1		
Panelboards						
Fused Disc Sw	5%	2038		5		
Molded Case Bkrs	65%	2038		5	\$100	
Molded Case Bkrs	30%	2046	**	5	\$100	
Wiring						
Thermoplastic	20%	2050		1		
Thermoplastic	80%	2040	**	1		
Motor Controllers						
Locally Mounted	100%	2035	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100% 2-4	\$10,100 LIFE		5	\$100	
	Other Observation, Ext		fected : 100%			
	Location : Water Mai					
	Explanation : Corrod	ed				
Lighting						
Interior Lighting	700/	2020	\$55.COO	10	¢ 4,000	
Fluorescent	70% T % Lawrag And Einterna	2030 a Eutant : Light Aug	. ,	10	\$4,800	
	T-8 Lamps And Fixture		Iffected : 100%			
	Location : Throughou					
Fluorescent	30%	2030	. ,	10	\$2,100	
	T-12 Lamps And Fixtur	-	Affected : 100%			
	Location : Throughou	t				
Egress Lighting					* ~ ~ -	
Emergency, Battery	50%	2035		10	\$900	
Exit, LED	50%	2058	**	1		
Exterior Lighting	a a (
Incandescent	25%	2030		2		
LED	25%	2035	**			
No Component	50%					
Alarm						
Security System	2007					
No Component	30%	• • •			*~ ~ ~ ~	
Generic	70%	2035	**	1	\$2,000	

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

Asset # : 13244

			A3361#.1J	~~~				
Electrical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
larm Fire/Smoke Detection								
No Component	50%							
Generic, Analog	50%			2035	* *	1-3	\$2,300	
Mechanical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating								
Energy Source Natural Gas	100%			2050	* *	1		
Conversion Equipment	10070			2030		1		
Hot Water Boiler	100%			2043	* *	1	\$3,700	
			Extent : Light, Area	Affected	: 100%			
			r Boiler Room					
Distribution	Explana	tion : 1 Un	11					
Hot Wtr Piping/Pump	100%			2046	* *	4	\$600	
Terminal Devices								
Air Handler	70%			2035	* *	1	\$3,300	
Convector/Radiator	30%			2043	* *	1	\$700	
Air Conditioning Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment	10070			2010				
Reciprocating Compr/Chiller	100%			2035	* *	1	\$3,500	
I			Extent : Light, Area	a Affected	d : 100%			
	Location	a : Roof						
Distribution	1000/			LIEE	* *	2	¢12 200	
Ductwork/Diffusers Terminal Devices	100%			LIFE		2	\$12,200	
Air Handler/Dir	100%			2035	* *	1		
Expansion						-		
Heat Rejection								
Air Cooled Condenser	100%			2035	* *	2	\$5,200	
Unit								
Ventilation Distribution								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,600	
Exhaust Fans	20070						\$0,000	
Interior	70%			2035	* *	2	\$200	
Roof	30%			2035	* *	2	\$100	
Plumbing								
H/C Water Piping	100%			2040	* *	1		
Brass/Copper	100%			2040		1		

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

Asset # : 13244

echanical	Current Repair	Futur	e Replacement	М		
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Imbing						
Water Heater						
Gas Fired	100%	2028	\$4,500	2	\$100	
	Other Observation, Extent : Light, Area	Affected	: 100%			
	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%					

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 : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name	: CYPRESS HILLS BRANCH LIBI	RARY							
Address	: 1197 SUTTER AVENUE @ CRYSTAL ST.								
Borough	: BROOKLYN	Agency's Number	: N/A						
Program / Asset #	: BPL0C88.000 / 14460	Yr Built/Renovated	: 1995 /						
Area Sq Ft	: 6,999	Project Type	: BROOKLYN PUBLIC LIBRARY						
Date of Survey	: 28-Feb-2019	Landmark Status	: NONE						
Areas Surveyed	: Basement, Roof, Floors 1								
Block	: 4247 Lot : 33	BIN	: 3252993						
CAPITAL		FY 2021 - 2024	FY 2025 - 2030						
Exterior Architec	ture	\$35,600							
Total		\$35,600							
Importance Code	A	\$35,600							
Total		\$35,600							

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$33,000			
Interior Architecture	\$34,000			\$1,100
Electrical	\$400	\$200	\$300	\$200
Mechanical	\$5,300	\$800	\$3,500	\$900
Total	\$72,700	\$1,000	\$3,800	\$2,200
Importance Code A	\$33,400	\$300	\$300	\$300
Importance Code B	\$28,600	\$700	\$3,400	\$1,700
Importance Code C	\$10,800			\$100
Total	\$72,700	\$1,000	\$3,800	\$2,200



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

Asset # : 14460

Architecture		Current I	Repair	Futur	e Replacement	М	laintenance	
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		4+ • Miss/Erod : East Side	\$29,800 d, Extent : Light, A e Exit	LIFE rea Affec	* * ted : 10%	5	\$8,600	
Metal Panel	5%			2050	* *	5-10	\$5,000	
Windows Aluminum	100%			2046	* *	5	\$1,200	
Parapets	10070			2010			¢1,=00	
Concrete Masonry Unit Pre-Cast Concrete	90% 10%			LIFE LIFE	* *	5-10 5	\$2,000 \$500	
Roof	1070			<u> </u>		5	4500	
Metal Panel		ed Finish, : Through	Extent : Light, Are out	2043 a Affecte	* * d : 5%	10	\$35,600	
Modified Bitumen	Location Ponding, 1	: Through	oderate, Area Affec					
Soffits Exposed Struc: Steel	100%			LIFE	* *	5		
nterior								
Floors Cast in Place Concrete		-	: Light, Area Affec at Boiler Room	LIFE cted : 159	* *	5	\$9,000	
Ceramic Tile		4+ • Miss/Eroo : Public T	\$200 d, Extent : Light, A foilets	2039 rea Affec	* * ted : 5%	5	\$300	
Vinyl Tile	Location Patching I	: Through	tent : Light, Area A			3	\$2,900	
Interior Walls								
Cast in Place Concrete Ceramic Tile Concrete Masonry Unit	20% 3% 2%			LIFE 2039 LIFE	* * * * * *	10 5 5	\$5,000 \$300 \$200	
Gypsum Board	30%			LIFE	* * *	5-10	\$5,100	
Plaster	45%			LIFE	~ ^	5-10	\$3,800	

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

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

Asset # : 14460

Architecture		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings AcousTileSusp.Lay-In	20% Broken/Mi	4+ \$1,900 ssing Elements, Extent : Light	2043 t Area A	* * ffected · 5%	5	\$1,100	
	Location Staining/D	: Back Office Areas Discoloring, Extent : Moderate : Throughout	-	-			
Gypsum Board	30%		LIFE	* *	5-10	\$11,200	
Plaster	50%		LIFE	* *	5-10	\$9,400	
Site Enclosure							
Fence/Gates	1000/						
Iron Picket	100%		2065	* *			
		ed Finish, Extent : Light, Area : Main Entrance	a Affected	a : 5%			
Site Pavements							
Public Sidewalk Cast in Place Concrete	100%		2043	* *			
On-Site Walkways	10070		2043				
Cast in Place Concrete	100%		2043	* *			
	10070		2015				
Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System	o () o	Eath Data Eather at al Coat	Veen	E.C.	C II	Estimated Cost	Priority
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Y ear FY	Estimated Cost	(Yrs)	Estimated Cost	THOTHY
Component Type				Estimated Cost		Estimated Cost	THOTRy
Component				Estimated Cost		Estimated Cost	THOTHY
Component Type Under 600 Volts	Total	(Years)	FY 2050	* *		Estimated Cost	l nonty
Component Type Under 600 Volts Service Equipment	Total 100% Other Obs	(Years) ervation, Extent : Light, Area	FY 2050	* *	(Yrs)	Estimated Cost	Thorny
Component Type Under 600 Volts Service Equipment	Total 100% Other Obs Location	(Years) ervation, Extent : Light, Area : Electrical Room	FY 2050 Affected	**	(Yrs)	Estimated Cost	THORAY
Component Type Under 600 Volts Service Equipment Fused Disc Sw	Total 100% Other Obs Location	(Years) ervation, Extent : Light, Area	FY 2050 Affected	**	(Yrs)	Estimated Cost	THORAY
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard	Total 100% Other Obs Location Explanat	(Years) ervation, Extent : Light, Area : Electrical Room	FY 2050 Affected Disconne	**	(Yrs)		
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs	Total 100% Other Obs Location	(Years) ervation, Extent : Light, Area : Electrical Room	FY 2050 Affected	* * : 100% ct Switch	(Yrs)	\$200	
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway	Total 100% Other Obs Location Explanat 100%	(Years) ervation, Extent : Light, Area : Electrical Room	FY 2050 Affected Disconne 2050	* * : 100% ct Switch	(Yrs) 5 5		THOREY
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	Total 100% Other Obs Location Explanat	(Years) ervation, Extent : Light, Area : Electrical Room	FY 2050 Affected Disconne	* * : 100% ct Switch * *	(Yrs)		
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway	Total 100% Other Obs Location Explanat 100%	(Years) ervation, Extent : Light, Area : Electrical Room	FY 2050 Affected Disconne 2050	* * : 100% ct Switch * *	(Yrs) 5 5		
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards	Total 100% Other Obs Location Explanat 100%	(Years) ervation, Extent : Light, Area : Electrical Room	FY 2050 <i>Affected</i> Disconne 2050 2050	* * : 100% ct Switch * * * *	(Yrs) 5 5 1		
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw	Total 100% Other Obs Location Explanat 100% 100%	(Years) ervation, Extent : Light, Area : Electrical Room	FY 2050 <i>Affected</i> Disconne 2050 2050 2046	* * : 100% ct Switch * * * *	(Yrs) 5 5 1 5	\$200	
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring	Total 100% Other Obs Location Explanat 100% 100% 100% 90%	(Years) ervation, Extent : Light, Area : Electrical Room	FY 2050 <i>Affected</i> 2050 2050 2046 2046	** : 100% ct Switch ** ** **	(Yrs) 5 5 1 5 5 5	\$200	
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic	Total 100% Other Obs Location Explanat 100% 100% 100% 90%	(Years) ervation, Extent : Light, Area : Electrical Room	FY 2050 <i>Affected</i> 2050 2050 2046 2046	** : 100% ct Switch ** ** **	(Yrs) 5 5 1 5 5 5	\$200	
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Motor Controllers Locally Mounted Ground	Total 100% Other Obs Location Explanat 100% 100% 100% 100% 100% 100% 100%	(Years) ervation, Extent : Light, Area : Electrical Room	FY 2050 Affected Disconne 2050 2050 2046 2046 2046 2050	* * : 100% ct Switch * * * * * * * * * *	(Yrs) 5 5 1 5 5 1	\$200	
Component Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Motor Controllers	Total 100% Other Obs Location Explanat 100% 100% 100% 100% 100% 100% 100%	(Years) ervation, Extent : Light, Area : Electrical Room	FY 2050 Affected Disconne 2050 2050 2046 2046 2046 2050	* * : 100% ct Switch * * * * * * * * * *	(Yrs) 5 5 1 5 5 1	\$200	

Lighting

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

Asset # : 14460

Electrical		Current Repair	Futu	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	20%		2035	* *	10	\$1,300	
		ps And Fixtures, Extent : Lig a : Throughout The Building	ht, Area A	ffected : 100%			
Fluorescent	80%		2035	* *	10	\$5,100	
	-	s And Fixtures, Extent : Ligh 9 : Throughout 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	Entra	e Replacement	M	laintenance	
		Current Repair	Fulu	e Replacement	IVI	laintenance	
0							
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Туре				Estimated Cost		Estimated Cost	Priorit
Component Type				Estimated Cost		Estimated Cost	Priorit
Component Type Heating				Estimated Cost		Estimated Cost	Priorit
Component Type Heating Energy Source Natural Gas	Total		FY		(Yrs)	Estimated Cost	Priorit
Component Type Heating Energy Source	Total		FY		(Yrs)	Estimated Cost \$3,500	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment	Total 100% 100% Other Obs Location	(Years) ervation, Extent : Light, Are : Basement	FY 2050 2035	**	(Yrs)		Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	Total 100% 100% Other Obs Location	(Years)	FY 2050 2035	**	(Yrs)		Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	Total 100% 100% Other Obs Location Explana	(Years) ervation, Extent : Light, Are : Basement	FY 2050 2035 a Affected	**	(Yrs) 1 1	\$3,500	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	Total 100% 100% Other Obs Location	(Years) ervation, Extent : Light, Are : Basement	FY 2050 2035	* * * * ! : 100%	(Yrs)		Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	Total 100% 0ther Obs Location Explana 100%	(Years) ervation, Extent : Light, Are : Basement	FY 2050 2035 a Affected 2038	* * * * ! : 100%	(Yrs) 1 1 4	\$3,500	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Convector/Radiator	Total 100% 100% Other Obs Location Explana 100% 50%	(Years) rervation, Extent : Light, Are : Basement tion : 3 Units	FY 2050 2035 <i>a Affected</i> 2038 2043	** ** !: 100% **	(Yrs) 1 1 4 1	\$3,500 \$500 \$1,100	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Convector/Radiator Fan Coil Unit/Heat	Total 100% 0ther Obs Location Explana 100%	(Years) rervation, Extent : Light, Are : Basement tion : 3 Units	FY 2050 2035 a Affected 2038	** ** 1:100% **	(Yrs) 1 1 4	\$3,500	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Convector/Radiator Fan Coil Unit/Heat	Total 100% 100% Other Obs Location Explana 100% 50%	(Years) rervation, Extent : Light, Are : Basement tion : 3 Units	FY 2050 2035 <i>a Affected</i> 2038 2043	** ** 1:100% **	(Yrs) 1 1 4 1	\$3,500 \$500 \$1,100	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Convector/Radiator Fan Coil Unit/Heat Air Conditioning Energy Source	Total 100% 00% 00% 00% 00% 100% 50% 50%	(Years) ervation, Extent : Light, Are : Basement tion : 3 Units	FY 2050 2035 a Affected 2038 2043 2035	** ** 1:100% **	(Yrs) 1 1 1 4 1 1 1	\$3,500 \$500 \$1,100	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Convector/Radiator Fan Coil Unit/Heat Air Conditioning Energy Source Electricity	Total 100% 100% Other Obs Location Explana 100% 50%	(Years) ervation, Extent : Light, Are : Basement tion : 3 Units	FY 2050 2035 <i>a Affected</i> 2038 2043	** ** !: 100% ** ** **	(Yrs) 1 1 4 1	\$3,500 \$500 \$1,100	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Convector/Radiator Fan Coil Unit/Heat Air Conditioning Energy Source	Total 100% 00% 00% 00% 00% 100% 50% 50%	(Years) ervation, Extent : Light, Are : Basement tion : 3 Units	FY 2050 2035 a Affected 2038 2043 2035	** ** !: 100% ** ** **	(Yrs) 1 1 1 4 1 1 1	\$3,500 \$500 \$1,100	Priorit

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.

Asset # : 14460

Mechanical	Current Repa	air Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2	\$11,400	
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$6,200	
Exhaust Fans						
Roof	30%	2035	* *	2	\$100	
No Component	70%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2050	* *	1		
Water Heater						
Gas Fired	100%	2028	\$4,200	2	\$100	
	Other Observation, Exten Location : 1st Floor Me	at : Light, Area Affected : 10 cchanical Room	0%			
	Explanation : 40 Gallor	ı Unit				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2024	\$200	4	\$200	
Backflow Preventer						
Generic	100%	2035	* *	1	\$400	
Fixtures						
Generic	100%					

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

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	 790 BUSH[*] BROOKL[*] BPL0D35.0 12,584 25-Oct-201 	000 / 13245	AVE. Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: 35 : 1905 / 2013 : BROOKLYN PUBL : EXTERIOR LAND! : 3073751	
CAPITAL Exterior Architect Interior Architect			FY 2021 - 2024 \$378,800 \$140,000		FY 2025 - 2030 \$37,200
Electrical Mechanical			\$17,400 \$167,900		\$62,400
Total			\$704,100		\$99,600
Importance Code Importance Code			\$378,800 \$325,300		\$37,200 \$62,400
Total			\$704,100		\$99,600
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture	\$7,300			
Interior Architect	ure	\$22,600	\$900		\$4,700
Electrical		\$800	\$1,100	\$1,000	\$13,400
Mechanical		\$1,500	\$1,600	\$2,200	\$68,200
Site Enclosure		\$11,300			
Site Pavements		\$1,500			
Elevators/Escalat	ors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$48,900	\$7,500	\$7,100	\$90,300
Importance Code		\$7,900	\$600	\$600	\$800
Importance Code		\$26,800	\$6,500	\$6,500	\$89,500
Importance Code	С	\$14,200	\$400		



\$7,500

\$7,100

\$90,300

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.

\$48,900

Total

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BROOKLYN PUBLIC LIBRARY - 038

DEKALB BRANCH LIBRARY

Asset # : 13245

chitecture	Cur	rent Repair	Futur	e Replacement	М	aintenance	
stem Component Type		Date Estimated ars)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Exterior Walls Cast Stone/Terra Cotta	15% No Jnt Mortar Miss	w \$57 s/Erod, Extent : M	,900 LIFE Aoderate, Area 2	* * Affected : 25%	5	\$24,100	
	Location : Con	rnice					
Masonry: Brick	Location : The	bling, Extent : Se oughout	vere, Area Affec		5	\$17,100	1
	Jnt Mortar Miss Location : Thi	/Erod, Extent : N	<i>Ioderate, Area</i>	<i>Iffected : 20%</i>			
	Sidewalk Shed i	n Use, Extent : M		ffected : 30%			
Maaanna San Istana		ng Bushwick Ave		* *	5	\$200	1
Masonry: Sandstone	2% No Broken/Missing Location : Win	Elements, Extent	,300 LIFE t : Severe, Area		5	\$300	1
	Jnt Mortar Miss Location : Wit	:/Erod, Extent : S ndow Sills	evere, Area Affe	cted : 25%			
Windows							
Wood	Location : The	Extent : Moderat oughout Extent : Moderate	e, Area Affected		5	\$23,400	
		ougnoui on, Extent : Mod	arata Araa Affa	cted · 20%			
		in Reading Room		cicu : 2070			
Parapets		0					
Cast Stone/Terra Cotta	23% Staining/Discold Location : The	oring, Extent : Li oughout	LIFE ght, Area Affect	* * ed : 50%	5	\$8,700	
Masonry: Brick	75%		LIFE	* *	5	\$3,700	
Masonry: Limestone	2%		LIFE	* *	5	\$100	
Roof							
Copper/Terne	85%		2057	* *	10	\$37,200	
Roll Roofing	5%		2025	\$4,200	5	\$1,500	
Single Ply Membrane	10%		2029	\$31,900	10	\$1,800	
Soffits							

Interior

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

BROOKLYN PUBLIC LIBRARY - 038 DEKALB BRANCH LIBRARY

Asset # : 13245

Architecture		Current I	Repair	Futur	e Replacement	N	laintenance	
ystem	0/ C		-					D • •
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cos	st Cycle (Yrs)	Estimated Cost	Priori
terior								
Floors	4.0.0.(**	
Cast in Place Concrete	10%			LIFE	*	5	\$3,900	
Ceramic Tile	5%			2032	*	5	\$900	
Sheet Vinyl/Rubber	5%	4	¢140.000	2034	*	5	\$1,300	
Vinyl Tile	80%	4+ Eailuna Eu	\$140,000	2039		* 3	\$5,400	
			tent : Moderate, Ai out Main Floor	eu Ajjec	<i>ieu</i> . 50%			
		-	Extent : Moderate	Area A	ffected · 20%			
	-		out Main Floor	, 11 cu 11	<i>Jecieu</i> : 2070			
		-	Moderate, Area Aj	ffected ·	50%			
			out Main Floor	jeereu :				
Interior Walls		5						
Ceramic Tile	5%			2032	*	* 5	\$900	
Concrete Masonry Unit	10%	Now	\$2,200	LIFE	*		\$700	
-	Water Pen	etration, E	xtent : Moderate, A	1rea Affe	cted : 10%			
	Location	: Basemer	nt					
Gypsum Board	15%			LIFE	*	* 5	\$1,600	
Plaster	65%	Now	\$10,500	LIFE	*	* 5	\$3,400	
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 5%			
			an Room, Technolo					
			xtent : Moderate, A					
	Location	: Custodia	an Room, Technolo	gy Room				
Wood	5%			LIFE	*	* 5	\$3,500	
Ceilings		4.	¢1.000	2040			* - • •	
AcousTile,Adhered	5%	4+	\$1,000	2049	*	* 5	\$500	
		ssing Elen : Through	ents, Extent : Ligh	t, Area A	ffected : 5%			
		: Inrougn	out				* 4 = 0 0	
AcousTileSusp.Lay-In	25%			2034	*	5	\$4,500	
Exposed Concrete	5%	N	#0.000	LIFE	*	5	\$100	
Plaster	65%		\$8,900 Extent : Moderate	LIFE		* 5	\$7,400	
	-	: Mezzani		, Area A	ljecieu . 576			
			ne Extent : Moderate, A	Area Affe	ected · 5%			
		: Mezzani		17 eu 1197e	cieu . 570			
te Enclosure								
Fence/Gates								
Iron Picket	80%			2049	*	*		
Masonry: Brick	20%			2049	*	*		
Retaining Walls								
Masonry: Brick		Now	\$11,300	2039	*	*		
	-	-	Extent : Moderate	, Area A	ffected : 10%			
		: Area Wa	-					
	-		Extent : Moderate,	Area Afj	fected : 10%			
	Location	: Area Wa	y .					

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.

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BROOKLYN PUBLIC LIBRARY - 038

DEKALB BRANCH LIBRARY

Asset # : 13245

Architecture		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ite Pavements Public Sidewalk Cast in Place Concrete	-	Crumbling, Extent : Light, Ard 1 : Throughout	2034 ea Affect	* * ed : 5%			
On-Site Walkways Asphalt Cast in Place Concrete Pavers/Stone			2032 2034 2032 te, Area 2	** ** 4ffected : 10%			
Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts Service Equipment Molded Case Bkrs	Location	ervation, Extent : Light, Area 1 : Electrical Room tion : No Available Nameplate			5	\$300	
Switchgear / Switchboard Molded Case Bkrs	Location	eervation, Extent : Light, Area a : Electrical Room tion : 1- Vertical Section	2029 Affected	\$37,200 1 : 100%	5	\$300	
Raceway Conduit Conduit	70%		2029 2049	\$25,200 * *	1 1		
Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	5% 65% 30%		2028 2028 2045	\$900 \$11,200 * *	5 5 5	\$200 \$100	
Wiring Thermoplastic Thermoplastic	30% 70%		2049 2029	* * \$22,300	1 1	ψ100	
Motor Controllers Locally Mounted Ground	100%		2034	* *	5	\$100	
Grounding Devices Not Accessible	100%						

Lighting

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

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BROOKLYN PUBLIC LIBRARY - 038 DEKALB BRANCH LIBRARY

Asset # : 13245

	ASSEL#.	13243				
Electrical	Current Repair	Future Replace	ment	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estimated FY	d Cost	Cycle (Yrs)	Estimated Cost	Priorit
ighting						
Interior Lighting						
Fluorescent	12%		7,400	10	\$1,400	
	T-12 Lamps And Fixtures, Extent : Li Location : Basement	ght, Area Affected : 10	00%			
Fluorescent	50%	2034	* *	10	\$5,800	
	T-5 Lamps And Fixtures, Extent : Lig Location : Reading Areas	ht, Area Affected : 100	0%			
Fluorescent	30%	2034	* *	10	\$3,500	
	T-8 Lamps And Fixtures, Extent : Lig Location : Basement And 1st Floor	ht, Area Affected : 100	0%			
Fluorescent	5%	2037	* *	10	\$600	
	Compact Fluorescent Light, Extent : . Location : Basement	Light, Area Affected :	100%			
LED	3%	2037	* *			
Egress Lighting						
Emergency, Battery	50%	2034	* *	10	\$1,500	
Exit, Service	50%	2034	* *	1		
Exterior Lighting						
HID	30%	2034	* *	10		
No Component	70%					
larm						
Security System	700/					
No Component Generic	70% 30%	2034	* *	1	\$1,400	
Generic	Other Observation, Extent : Light, Ar			1	\$1,400	
	Location : Outside And Inside	eu 11jeeleu : 10070				
	Explanation :					
	CCTV Surveillance Cameras					
Fire/Smoke Detection						
Generic, Digital	100%	2034	* *	1-3	\$7,800	
	Other Observation, Extent : Light, Ar					
	Location : Throughout The Building	-				
	Explanation : Strobe Lights, Manua	ıl Pull Stations, Smoke	Detect	ors And H	Iorns	
Mechanical	Current Repair	Future Replace	ment	М	aintenance	
System Component	% of Fail Date Estimated Cos	st Year Estimate	d Cost	Cycle	Estimated Cost	Priorit
Туре	Total (Years)	FY		(Yrs)		
leating	1	•				
Energy Source						
Natural Gas	100%	2039	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2034	* *	1	\$6,200	
	Other Observation, Extent : Light, Ar	rea Affected : 100%				
	Location : Basement Boiler Room					
	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.

BROOKLYN PUBLIC LIBRARY - 038 DEKALB BRANCH LIBRARY

Asset # : 13245

Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System	% of	Fail Date Estimated Cost		Estimated Cost		Estimated Cost	Priorit
Component	Total	(Years)	FY	Estimated Cost	(Yrs)	Estimated Cost	FIII
Туре		. ,			· · ·		
leating							
Distribution	100%		2037	* *	4	\$900	
Hot Wtr Piping/Pump Terminal Devices	100%		2037	• •	4	\$900	
Air Handler	25%		2024	\$47,700	1	\$2,000	
Convector/Radiator	2370 75%		2024	\$47,700 **	1	\$3,100	
Air Conditioning	1370		2034		1	\$5,100	
Energy Source							
Electricity	100%		2037	* *	1		
Conversion Equipment	10070		2007		-		
Exterior Pkg Unit -	70%		2024	\$76,900	2	\$500	
Cooling				· · · · · · · · · · · · · · · · · · ·		•	
C	R-22 Refr	igerant, Extent : Light, Area A	Iffected :	70%			
	Location	i : 2 Units On Roof					
Split Unit	15%		2024	\$43,400			
L	R-22 Refr	igerant, Extent : Light, Area A	Iffected :				
	Location	a : 3 Units. Various Locations					
No Component	15%						
Terminal Devices							
Fan Coil - 2 Pipe	15%		2024	\$32,900	1	\$600	
No Component	85%						
Heat Rejection							
Air Cooled Condenser	15%		2024	\$3,500	2	\$1,300	
Unit							
No Component	85%						
entilation							
Distribution	1000/			ala ala	~ -	*= 000	
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,000	
Exhaust Fans	200/		2024	¢14.500	2	¢100	
Interior	30% 70%		2024 2024	\$14,500	2	\$100 \$300	
Roof	/0%		2024	\$15,800	2	\$300	
lumbing H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater	10070		2037		1		
Gas Fired	100%		2027	\$8,300	2	\$200	
Sanitary Piping	10070		2021	\$0,500	2	φ200	
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping					-		
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
		servation, Extent : Light, Area	Affected	! : 100%			
		a : Basement To 1st Floor					
	Explana	tion : 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.

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name	: DYKER BRANCH LIBRARY		
Address	: 8202 13TH AVE. @ 82ND STREET		
Borough	: BROOKLYN	Agency's Number	: 82
Program / Asset #	: BPL0D82.000 / 13246	Yr Built/Renovated	: 1974 / 2013
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 2021 - 2024		FY 2025 - 2030
Exterior Architecture		\$47,800		
Interior Architecture				\$109,000
Total		\$47,800		\$109,000
Importance Code A		\$47,800		
Importance Code B				\$109,000
Total		\$47,800		\$109,000
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$16,100			
Interior Architecture	\$37,900		\$300	\$1,700
Electrical	\$7,500	\$300	\$300	\$300
Mechanical	\$4,400	\$1,000	\$2,600	\$800
Site Pavements	\$16,600			
Total	\$82,500	\$1,300	\$3,200	\$2,800
Importance Code A	\$16,500	\$400	\$400	\$400
Importance Code B	\$64,500	\$900	\$2,900	\$2,200
Importance Code C	\$1,500			\$200
Total	\$82,500	\$1,300	\$3,200	\$2,800



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

BROOKLYN PUBLIC LIBRARY - 038 DYKER BRANCH LIBRARY

Asset # : 13246

Architecture		Current Re	oair		e Replacement	M	aintenance	
System Component	% of Total		stimated Cost		Estimated Cost		Estimated Cost	Priority
Type								
Exterior Exterior Walls Cast in Place Concrete	50%	Now	\$2,000	LIFE	* *	5	\$3,300	
Cast in Flace Concrete	Cracking/O	Crumbling, E:	xtent : Light, Ar t Base Of Buildi	ea Affecte		5	\$5,500	
Masonry: Brick	80%			LIFE	* *	5	\$21,300	
Pre-Cast Concrete	Jnt Mortar		\$3,500 Extent : Light, A t Top Of Buildin		* * ted : 5%	5	\$6,500	
Windows								
Aluminum				2055 lerate, Ar	* * ea Affected : 100%	5	\$500	
Roof	1000/			2020	* *	10	¢2(700	
Single Ply Membrane	100% Recent Rep Location		, Extent : Light,	2038 Area Affe		10	\$26,700	
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5		
nterior								
Floors Cast in Place Concrete	5%			LIFE	* *	5	\$2,900	
Ceramic Tile	5%			2033	* *	5	\$700	
Vinyl Tile	90%			2030	\$109,000	3	\$6,100	
Interior Walls								
Ceramic Tile	10%			2039	* *	5	\$400	
Concrete Masonry Unit	90%			LIFE	* *	5	\$3,100	
Ceilings AcousTileSusp.Lay-In	90%	0-2	\$31,100	2043	* *	5	\$6,100	
					ea Affected : 5%			
			ork Room, Meet	-				
	Location	: Kitchen, W	xtent : Severe, A ork Room, Meet	ing Roon	ı			
	Location		ent : Moderate, A ork Room, Meet	ing Roon				
Gypsum Board	5%			LIFE	* *	5-10	\$2,300	
Plaster	5%			LIFE	* *	5-10	\$1,200	
Site Enclosure								
Fence/Gates Iron Picket	100%			2050	* *			
Free Standing Walls	100%			2030	• •			
Cast in Place Concrete	100%			2050	* *			
Retaining Walls	10070			_000				
Cast in Place Concrete	100%			2050	* *			
Site Pavements								

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.

BROOKLYN PUBLIC LIBRARY - 038

DYKER BRANCH LIBRARY Asset #: 13246

			Asset # : 13	240				
Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
te Pavements								
Public Sidewalk								
Cast in Place Concrete	100%		\$16,600	2035	* *			
	0	0	Extent : Light, Are	ea Affecte	ed : 15%			
0 0' W 1	Location	1 : Through	out					
On-Site Walkways Cast in Place Concrete	100%			2035	* *			
Parking/Driveway	10070			2035				
Asphalt	80%			2033	* *			
Cast in Place Concrete	20%			2033	* *			
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Component Type	Total	(Years)		FY		(Yrs)		
nder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2040	* *	5	\$200	
			Extent : Light, Area		: 100%	5	¢200	
		ı : Electrica	0	55				
	Explana	tion : One	400 Ampere Main I	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	\$800	5		
Fused Disc Sw	5%			2046	* *	5		
Molded Case Bkrs	60%			2029	\$9,500	5	\$100	
Molded Case Bkrs	30%			2052	* *	5	\$100	
Wiring				••••	*2 0 5 00			
Thermoplastic	70%			2030	\$20,500 * *	1		
Thermoplastic	30%			2050	* *	1		
Motor Controllers	(00)			2020	ΦΟ (ΟΟ	E		
Locally Mounted	60%			2028	\$9,600 * *	5		
Locally Mounted	40%			2043	~ ~	5		
round Grounding Devices								
Grounding Devices Generic	100%			LIFE	* *	5	\$200	
	10070							

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.

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BROOKLYN PUBLIC LIBRARY - 038 DYKER BRANCH LIBRARY

Asset #: 13246

		Asset # : 13	3246				
Electrical		Current Repair	Futur	e Replacement	Μ	laintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ghting							
Interior Lighting	000/			* *	10		
Fluorescent	98%	compation Entout Light Aug	2035		10	\$6,700	
		ervation, Extent : Light, Area : Throughout The Building	i Ajjecieu	. 100%			
		tion : T-8 Lamps					
Fluorescent	2%	ion : 1 0 Europs	2035	* *	10	\$100	
Tuorescent		s And Fixtures, Extent : Mode		a Affected · 100%	10	\$100	
	-	: Front Desk		<i>a 1990eerea</i> : 10070			
Egress Lighting							
Emergency, Battery	50%		2035	* *	10	\$900	
Exit, Service	50%		2035	* *	1		
Exterior Lighting							
LED	30%		2035	* *			
No Component	70%						
larm							
Security System	700/						
No Component Generic	70%	Now \$7,200	2040	* *	1	\$800	
Generic		Now \$7,200 vice, Extent : Moderate, Area			1	\$800	
		: Throughout The Building	njjecica	. 10070			
Fire/Smoke Detection							
No Component	60%						
Generic, Analog	40%		2038	* *	1-3	\$1,800	
	Other Obs	ervation, Extent : Light, Area	Affected	! : 100%			
	Location	a : Throughout Building					
	Explana	tion : New Fire Alarm Installe	ed In 201	8.			
lechanical		Current Repair	Futur	e Replacement	M	aintenance	
vstem	0/ 6						D • •
Component	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	(Yrs)	Estimated Cost	Priorit
Туре	Iotai	(Tears)			(113)		
eating							
Energy Source				at at			
Natural Gas	100%		2050	* *	1		
Conversion Equipment	1000/		20.42	* *	1	¢2 700	
Hot Water Boiler	100%		2043	ጥ ጥ	1	\$3,700	
Distribution	100%		2046	* *	Δ	\$600	
Hot Wtr Piping/Pump Terminal Devices	100%		2040	···· ·	4	\$000	
Air Handler	50%		2038	* *	1	\$2,300	
Convector/Radiator	50%		2038	* *	1	\$1,200	
r Conditioning	5070		2000		1	ψ1,200	
Energy Source							
Electricity	100%		2046	* *	1		
					-		

* *

2031

2

\$500

Cooling 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.

100%

Conversion Equipment

Interior Pkg Unit -

BROOKLYN PUBLIC LIBRARY - 038 DYKER BRANCH LIBRARY

Asset # : 13246

lechanical	Current Repair	Future R	eplacement	М		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	t Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priorit
r Conditioning						
Heat Rejection						
Dry Cooler	100%	2035	* *	2	\$5,200	
entilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$6,600	
Exhaust Fans						
Roof	100%	2035	* *	2	\$200	
umbing						
H/C Water Piping						
Brass/Copper	100%	2040	* *	1		
Water Heater						
Gas Fired	100%	2025	\$4,500	2	\$100	
	Other Observation, Extent : Light, Are	ea Affected : 1	00%			
	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	\$1,100	4	\$200	
Backflow Preventer						
Generic	100%	2035	* *	1	\$500	
Fixtures						
Generic	100%					

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

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name	EAST FLATBUSH BRANCH LIBRARY								
Address	612 CHURCH AVE. NEAR ROCKAWAY PARKWAY								
Borough	BROOKLYN Agency's Number : 36								
Program / Asset #	BPL0E36.000 / 13247 Yr Built/Renovated : 1962 / 1999)							
Area Sq Ft	2,329 Project Type : BROOKLY	N PUBLIC LIBRARY							
Date of Survey	4-Oct-2017 Landmark Status : NONE								
Areas Surveyed	Basement, Roof, Floors 1								
Block	717 Lot : 38 BIN : 3103597								

CAPITAL		FY 2021 - 2024		FY 2025 - 2030
Exterior Architecture		\$80,300		\$160,700
Electrical				\$49,300
Mechanical				\$419,100
Total		\$80,300		\$629,100
Importance Code A		\$80,300		\$160,700
Importance Code B				\$468,400
Total		\$80,300		\$629,100
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$17,100	\$4,700		\$2,500
Interior Architecture	\$46,600	\$5,500	\$800	\$1,800
Electrical	\$300	\$600	\$300	\$400
Mechanical	\$1,900	\$1,300	\$2,500	\$1,300
Total	\$66,000	\$12,000	\$3,600	\$6,000
Importance Code A	\$17,700	\$5,300	\$600	\$3,200
Importance Code B	\$31,800	\$6,700	\$3,000	\$2,800
Importance Code C	\$16,400			
Total	\$66,000	\$12,000	\$3,600	\$6,000



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

Asset # : 13247

Architecture		Current Repa	ir	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Concrete Masonry Unit	Efflorescer Location Staining/E Location Vegetation	nce, Extent : Lig : Throughout Discoloring, Extent : Throughout Growth, Extent : Throughout	ent : Light, Ar	ea Affecte	ed : 10%	5	\$3,800	
Glass Block	Jnt Mortan Location	Now • Miss/Erod, Ex • Throughout etration, Exten				5	\$1,000	
		: Throughout	,	55				
Masonry: Brick	35%			LIFE	* *	5	\$5,400	
Metal Coiling Doors	10%			2034	* *	5	\$4,800	
Granite Panels	5%			LIFE	* *	5	\$600	
Parapets								
Concrete Masonry Unit	25%			LIFE	* *	5	\$400	
Metal Panel	5%			2049	* *	5	\$300	
Metal: Cage/Fence	70%			2042	* *	5-10	\$8,000	
Roof IRMA/Protected Membrane		Now	\$80,300	2029	\$160,700			
	Location Water Pen	r/Miss, Extent : : Throughout etration, Extent : First Floor						
Sloped Glazing		Now	\$13,100	LIFE	* *	5	\$28,200	
	Caulking I Location Water Pen	Deteriorated, E: : Throughout etration, Extent : Throughout	xtent : Modere	ate, Area		5	\$28,200	
Soffits	1000/			••••	ىك بك	- 10		
Metal Panel	100%			2039	* *	5-10		
nterior Floors								
Ceramic Tile	10%			2038	* *	5	\$1,600	
Vinyl Tile	90% Cracking/ Location	0-2 Crumbling, Exte : Throughout		2034 e, Area Aj	-	3	\$5,300	
		ded, Extent : Me : Throughout	paerate, Area	AJJected	: 20%			

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.

Asset # : 13247

			A3361#.13					
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
iterior								
Interior Walls	.		* * * * *					
Cast in Place Concrete	Water Pen	Now etration, E : Basemen	\$13,000 Extent : Moderate, 2 It	LIFE Area Affe	* * cted : 5%			
Concrete Masonry Unit	25%			LIFE	* *	5	\$1,600	
Gypsum Board	Cracking/ Location Water Per	: Front W	xtent : Moderate, 2	-	-	5	\$4,700	
Ceilings								
AcousTileSusp.Lay-In		Discoloring, : Through	. Extent : Light, Ar out	2042 ea Affect	* * ed : 2%	5	\$11,000	
Gypsum Board			\$300 Extent : Moderate	LIFE , Area A	* * ffected : 5%	5	\$2,000	
Plaster	Broken/M Location Cracking/ Location Water Per	: Through Crumbling, : Through	Extent : Moderate out xtent : Moderate, 2	, Area A	ffected : 10%	5	\$2,000	
ite Pavements								
Public Sidewalk								
Cast in Place Concrete	75%			2042	* *			
Pavers/Stone	25%			2038	* *			
On-Site Walkways Cast in Place Concrete	100%			2042	* *			
lectrical		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
nder 600 Volts Service Equipment Fused Disc Sw	Location	: Electrica	Extent : Light, Area al Room 600 Amperes	2039 Affected	* * ' : 100%	5	\$100	
Switchgear / Switchboard Fused Disc Sw	100%			2039	* *	5	\$100	
Raceway Conduit	100%			2039	* *	1		

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

Asset # : 13247

		A556(#.15					
Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Panelboards							
Fused Disc Sw	5%		2037	* *	5		
Molded Case Bkrs	95%		2037	* *	5	\$300	
Wiring	7570		2037		5	\$500	
Thermoplastic	100%		2039	* *	1		
Motor Controllers	10070		2000		1		
Locally Mounted	100%		2034	* *	5	\$100	
Ground	10070		2001		U	φ100	
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
Lighting							
Interior Lighting							
Fluorescent	10%		2037	* *	10	\$1,100	
	T-8 Lamps	And Fixtures, Extent : Light,	Area Afj	fected : 100%		-	
	Location	: Basement					
LED	90%		2037	* *			
Egress Lighting							
Emergency, Battery	50%		2029	\$8,800	10	\$1,500	
Exit, Service	50%		2029	\$900	1	+ - ,	
Exterior Lighting				••••			
HID	100%		2029	\$49,300	10		
Alarm				÷ -)	-		
Security System							
No Component	70%						
Generic	30%		2034	* *	1	\$1,400	
	Other Obs	ervation, Extent : Light, Area	Affected	: 100%			
	Location	: Throughout The Building					
	Explanat	ion : CCTV Surveillance Can	ieras, Ini	trusion Alarm And	Motion S	Sensor	
Fire/Smoke Detection							
No Component	70%						
Generic, Digital	30%		2034	* *	1-3	\$2,300	
Mechanical		Current Repair	Futur	e Replacement	М	laintenance	
System	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)	FY		(Yrs)		· ·
Heating							
Energy Source	1000/		2040	* *	1		
Natural Gas	100%		2049		1		
Conversion Equipment Hot Water Boiler	1000/		2034	* *	1	¢ <u>८</u> 100	
Hot water Boller	100% Other Obs	ervation, Extent : Light, Area			1	\$6,100	
		ervation, Extent : Light, Area : Basement Boiler Room	луестей	. 100/0			
		ion : One Unit					
Distribution	елріанаї						
Hot Wtr Piping/Pump	100%		2037	* *	4	\$900	
filler with Fipling/Fullip	10070		2037		+	\$900	

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

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

Asset # : 13247

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)		Estimated Cost		Estimated Cost	Priority
Heating							
Terminal Devices							
Air Handler	70%		2029	\$120,200	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	\$259,800	2	\$800	
Heating/Cooling							
		gerant, Extent : Light, Area A	ffected :	100%			
	Location	: 2 Units. Basement					
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,900	
Exhaust Fans							
Interior	90%		2029	\$39,100	2	\$300	
Roof		Now \$100	2029	\$2,000	2		
		ice, Extent : Severe, Area Af		00%			
	Location	: Restroom Exhaust Fans. Ro	oof				
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater							
Gas Fired	100%		2027	\$7,500	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address			AY BRANCH	LIBRARY ECTADY AVE.			
Borough Program / Asset # Area Sq Ft Date of Survey	a : BROOKLYN a / Asset # : BPL0E37.000 / a Ft : 15,901 Survey : 27-Mar-2019			Agency's Number Yr Built/Renovated Project Type Landmark Status	: 37 : 1914 / 2005 : BROOKLYN PUBLIC LIBRARY : NONE		
Areas Surveyed Block	: Basemen : 1396	t, Roof, Floo Lot	rs 1,2 : 6	BIN	: 3037543		
CAPITAL Exterior Architect	ture			FY 2021 - 2024 \$343,800		FY 2025 - 2030	
Electrical Mechanical				\$52,300 \$100,500		\$273,400	
Total				\$496,600		\$273,400	
Importance Code Importance Code				\$343,800 \$152,800		\$273,400	
Total				\$496,600		\$273,400	
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024	
Exterior Architect			\$45,900				
Interior Architect	ure		\$26,600	* < • •	\$1,200	\$2,500	
Electrical			\$24,000	\$600 \$2,200	\$600 \$2,700	\$900	
Mechanical Site Enclosure			\$9,600 \$1,700	\$2,300	\$3,700	\$2,000	
Site Pavements			\$1,700				
Elevators/Escalate	ors		\$3,900	\$3,900	\$3,900	\$3,900	
Total			\$123,600	\$6,800	\$9,400	\$9,400	
Importance Code	А		\$46,700	\$800	\$800	\$800	
Importance Code			\$60,400	\$6,000	\$8,600	\$8,600	
Importance Code	С		\$16,500				
Total			\$123,600	\$6,800	\$9,400	\$9,400	



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

Asset # : 13248

robito oturo		0	A5501#.13					
Architecture		Current	Repair	Futur	re Replacement		aintenance	
system Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Brick	5%			LIFE	* *	5	\$2,200	
Masonry: Granite			\$6,900 d, Extent : Modera out	LIFE te, Area A	* * Affected : 15%	5	\$800	
Masonry: Limestone	Broken/M Location Jnt Morta	: Various	d, Extent : Modera			5	\$14,100	
Stugge Compart		. Inrougn	oui	2025	* *	5	\$2.800	
Stucco Cement Windows	5%			2035	• •	5	\$2,800	
Windows Steel	Corrosion	Now /Rusting, E : Basemer	\$16,300 Extent : Moderate, 2 It	2055 Area Affe	* * ected : 40%	5	\$1,800	
	Location Caulking	: Through	ed, Extent : Moderd					
Wood	95% Deteriora	Now	\$223,500 Extent : Moderate,	2055 Area Af	* * fected : 100%	5	\$28,100	
	Thermally Location Split/Crac	Inefficient : Through	, Extent : Moderate out : Moderate, Area					
Parapets		0						
Masonry: Brick	50%			LIFE	* *	5-10	\$8,800	
Masonry: Limestone		ded, Exteni : Through	: Light, Area Affeo out	LIFE cted : 10	* * 0%	5-10	\$15,600	
Roof								
Modified Bitumen		place Evid : Through	ent, Extent : Light, out	2038 Area Aff	* * fected : 100%	10	\$18,100	
terior								
Floors	FO /			LIPP	باد برای	-	#50 00	
Cast in Place Concrete	5%			LIFE	* * * *	5	\$5,200 \$2,000	
Traffic Topping	10%	Now	\$9,100	2035 2035	* *	5 3	\$3,000 \$7,600	
Vinyl Tile	Cracking/		Extent : Moderate			3	\$7,600	

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

Asset # : 13248

Architecture		Current	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								-
Interior Walls								
Concrete Masonry Unit				LIFE	* *	5	\$800	
Gypsum Board	15%			LIFE	* *	5-10	\$5,100	
Plaster	70%			LIFE	* *	5-10	\$11,800	
SGFT/Glazed Masonry	10%	.·		LIFE	* *	10	\$1,000	
			Extent : Light, Area 2nd Floors	Ајјестеа	: 100%			
			zna Fibors ted In Main Stairw	ə]]				
Ceilings	Елріанаі	ion . Locu	ieu în Muin Siuli W	211				
AcousTileConcealSpLn	80%			2035	* *	5	\$23,800	
AcousTileSusp.Lay-In	10%			2033	* *	5	\$2,400	
Plaster	10%			LIFE	* *	5-10	\$4,100	
Site Enclosure	1070			211 2		0 10	\$ 1,100	
Fence/Gates								
Chain Link	50%	Now	\$1,600	2030	\$8,000			
	Broken/Mi	ssing Elen	ients, Extent : Mod	erate, Ar	ea Affected : 20%			
	Location : Rear Yard							
	Corrosion	Rusting, E	Extent : Moderate, 2	1rea Affe	cted : 60%			
	Location	: Rear Ya	rd					
Iron Picket	50%			2050	* *			
Retaining Walls								
Cast in Place Concrete		Now	\$100	2050	* *			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 2% Location : Stair Areaway At Rear Yard							
	Location	: Stair Are	eaway At Rear Yard	1				
Site Pavements Public Sidewalk								
Cast in Place Concrete	100%	Now	\$9,300	2035	* *			
Cast III I lace Concrete			nents, Extent : Mod		ea Affected · 5%			
			Parkway Entrance A					
			Extent : Moderate		ffected : 10%			
	0	0	arkway Entrance A		,,			
			tent : Moderate, Ar		ed : 5%			
			arkway Entrance A					
On-Site Walkways								
Cast in Place Concrete	80%			2035	* *			
Masonry: Granite	20%			LIFE	* *			
Parking/Driveway								
Asphalt		Now	\$2,700	2033	* *			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
	Location : Rear Yard							
	Misaligned/Bulging, Extent : Moderate, Area Affected : 10% Location : Rear Yard							
			ra oderate, Area Affec	. 1 100	/			

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.

Asset # : 13248

			ASSel # . 13					
Electrical		Current	Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2030	\$1,600	5	\$400	
		ervation, E : Electrica	Extent : Light, Area	Affected	: 100%			
			u koom Amperes Service					
Switchgear / Switchboard	Елрійни	1101 . 2007	imperes service					
Molded Case Bkrs	100%			2030	\$34,200	5	\$400	
Raceway					+- ., -	-		
Conduit	95%			2030	\$31,500	1		
Conduit	5%			2040	* *	1		
Panelboards								
Molded Case Bkrs	95%			2029	\$15,000	5	\$400	
Molded Case Bkrs	5%			2038	* *	5		
Wiring	000/	0.0	*? ? 5? ?	2055	* *			
Braided Cloth	80%	0-2	\$23,500	2055		1		
			ent : Light, Area Afj out The Building	eciea : 1	100%			
		. Intough	oui The Dunung	2040	* *	1		
Thermoplastic	20%			2040		1		
Ground Grounding Devices								
Generic	100%			LIFE	* *	5	\$500	
ighting								
Interior Lighting								
Fluorescent	5%			2030	\$8,400	10	\$700	
	-		res, Extent : Light,	Area Afj	fected : 100%			
		: Mechan	ical Rooms					
LED	95%			2035	* *			
Egress Lighting	2007			2045	* *	1		
Exit, LED Exit, Service	30% 40%			2045 2030		1		
Exit, Battery	40% 30%			2030	\$1,000 \$2,300	10	\$300	
Exterior Lighting	3070			2030	\$2,500	10	\$300	
HID	50%			2030	\$31,800	10		
IIID		ervation, E	Extent : Light, Area			10		
			d Perimeter	55				
			ated Via Timer					
No Component	50%	-						
Alarm								
Security System								
No Component	50%							
Generic	50%			2035	* *	1	\$3,000	
			Extent : Light, Area	Affected	! : <i>100%</i>			
			out The Building					
	Explana	tion : Cam	eras Only					

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.

Asset # : 13248

			<i>#</i> .15240				
Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimate (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm Fire/Smoke Detection No Component Generic, Analog	Location	4+ \$5 ervation, Extent : Lig : Throughout The Bu ion : Outdated Very (uilding		1-3	\$2,700	
Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimate (Years)		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating							
Energy Source Electricity	30%		2040	* *	1		
Natural Gas	30% 70%		2040 2040	* *	1		
Conversion Equipment	7070		2040		1		
Furnace	30%		2030	\$11,100	1	\$2,400	
		ervation, Extent : Lig					
		: Rooftop Units					
	Explanati	ion : Gas Heat					
Hot Water Boiler	70%		2035	* *	1	\$5,500	
Distribution							
Ductwork/Diffusers	50%		LIFE	* *	2-5	\$7,000	
Hot Wtr Piping/Pump	50%		2046	* *	4	\$600	
Terminal Devices							
Air Handler	70%		2030	\$155,100	1	\$6,900	
Convector/Radiator	30%		2035	* *	1	\$1,500	
Air Conditioning							
Energy Source	1000/		2046	* *	1		
Electricity	100%		2046	* *	1		
Conversion Equipment	200/		2024	¢100.500	2	¢200	
Int Pkg Unit -	30%		2024	\$100,500	2	\$300	
Heating/Cooling	Other Obse	ervation, Extent : Lig	ht Area Affacted	· 100%			
	Location		ni, mea nyceiea	. 10070			
	Booturrom	-	ICP				
	Explanati	on: With tras Furne					
Fxt Pkg Unit -		ion : With Gas Furnd	2025	\$118 400	2	\$600	
Ext Pkg Unit - Heating/Cooling	Explanati 60%	ion : with Gas Furne	2025	\$118,400	2	\$600	
Ext Pkg Unit - Heating/Cooling	60%				2	\$600	
	60%	ervation, Extent : Lig			2	\$600	
	60% Other Obse Location	ervation, Extent : Lig	ht, Area Affected		2	\$600	

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

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	10%			2030	\$17,600	1		
Expansion	Other Ob	arvation F	xtent : Light, Area	Affected	1 . 100%			
		ervation, E : Basemen	-	Ајјестеи	. 100/0			
		tion : Hot V						
No Component	90%							
Heat Rejection	2070							
Air Cooled Condenser	10%			2030	\$3,200	2	\$1,100	
Unit								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$14,000	
Exhaust Fans	1000/			2020	¢2(200	2	¢.500	
Roof	100%			2030	\$26,200	2	\$500	
Plumbing H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater	10070			2040		1		
Gas Fired	100%			2025	\$9,600	2	\$200	
		ervation, E	xtent : Light, Area			-	¢=00	
	Location	: Boiler R	oom					
	Explana	tion : One 4	40 Gallon Unit					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	1000/			2020	*2 1 00		¢ 5 00	
Non-Submersible	100%			2030	\$2,400	4	\$500	
Sewage Ejector(s)	100%			2040	* *	4	\$200	
Compressed Air Backflow Preventer	100%			2040		4	\$200	
No Component	90%							
Generic	10%			2035	* *	1	\$100	
Generie		ervation, E	xtent : Light, Area		: 10%	1	\$100	
		: Boiler R	e	55				
	Explana	tion : Boile	rs Only					
Fixtures	^							
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%	.		LIFE	* *			
			xtent : Light, Area	Affected	: 100%			
			t To 2nd Floor					
	Explana	tion : One b	Jnit					

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.
Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block		000 / 4202 119	BUSH AVE - BEDFORI Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	D AVE : 38 : 1905 / 2014 : BROOKLYN PUBL : NONE : 3116706	IC LIBRARY
CAPITAL			FY 2021 - 2024		FY 2025 - 2030
Exterior Architect			\$197,800		
Interior Architectu Electrical	ire		\$110,900		\$59,300
Mechanical					\$420,200
Total			\$308,700		\$479,500
Importance Code	A		\$197,800		
Importance Code			\$110,900		\$479,500
Total			\$308,700		\$479,500
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architect	ure	\$48,500			
Interior Architectu	ıre	\$39,700		\$6,300	\$2,700
Electrical		\$2,700	\$2,000	\$2,400	\$2,200
Mechanical		\$11,100	\$7,900	\$5,900	\$7,400
Site Pavements		\$27,100			
Elevators/Escalato	ors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$133,000	\$13,800	\$18,600	\$16,200
Importance Code	A	\$49,600	\$1,100	\$1,100	\$1,100
Importance Code		\$43,100	\$12,800	\$17,600	\$14,000
Importance Code	С	\$40,300			\$1,200
Total		\$133,000	\$13,800	\$18,600	\$16,200



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

Asset # : 4202

rchitecture		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls	950/	Marri	¢147.000	LIFE	* *	5	¢22 200	
Masonry: Brick		Now Crumhling	\$147,900 Extent : Moderate	LIFE Area A		5	\$23,200	
	-	: Southwe		, 11 cu 1	<i>feelea</i> : 2070			
	Diagonal	Cracks, Ex	tent : Moderate, Ar	·ea Affec	ted : 10%			
	Location	: South Fa	ıcade					
		racks, Exte : Chimney	nt : Moderate, Are	a Affecte	ed : 10%			
Masonry: Limestone	5%			LIFE	* *	5	\$2,000	
Pre-Cast Concrete		Now	\$9,500	LIFE	* *	5	\$8,900	
			l, Extent : Moderat	e, Area A	Affected : 25%			
		: Building		Hantad .	250/			
	-	ts, Extent : : Building	Moderate, Area Aj Base	jeciea :	23%			
Windows	Locanon	. Dunung	Duse					
Aluminum	93%	Now	\$49,900	2046	* *	5	\$2,800	
	Broken/M		eents, Extent : Ligh out	t, Area A	ffected : 10%			
	Ctrwt/Bal	nc Not Fun	ct, Extent : Moderd	ite, Area	Affected : 20%			
	Location	: Through	out					
Glass Block	2%			LIFE	* *	5	\$200	
Metal Louvers		Now	\$1,900	2033	* *			
		/Rusting, E : South Fa	xtent : Moderate, A Icade	1rea Affe	ected : 20%			
	Deteriora	ed Finish,	Extent : Moderate,	Area Af	fected : 20%			
	Location	: South Fa	ıcade					
Parapets	0.000						da a a a a	
Masonry: Brick	90%			LIFE	* *	5-10	\$39,800	
Metal Panel Pre-Cast Concrete	5% 5%			2050 LIFE	* *	5 5	\$1,300	
Roof	570			LIFE		3	\$4,100	
Built-Up (BUR)	93%			2035	* *	10	\$21,000	
Dunit op (Doit)		ervation, E	Extent : Light, Area		: 100%	10	\$21,000	
	Location		-					
	Explana	tion : Not A	lccessible					
Skylight, Metal/Glass	5%			2050	* *	10	\$3,800	
Skylight, Metal/Glass	2%			2040	* *	10	\$1,500	

Interior

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

Asset # : 4202

Architecture		Current F	Repair	Futur	e Replaceme	nt	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated C	Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior									
Floors							_		
Cast in Place Concrete	5%		\$3,400	LIFE		* *	5	\$3,400	
		Crumbling, : Basemen	Extent : Moderate	, Area A	ffected : 5%				
		. Dusemen		2020		* *	-	¢1.500	
Ceramic Tile	5%			2039		* *	5	\$1,500	
Terrazzo	5%			LIFE		* *	5	\$2,400	
Vinyl Tile	65%	. .	<i><i>6</i> 6</i> 	2035			3	\$7,500	
Vinyl Tile	20%	2-4	\$55,400	2040		* *	3	\$2,300	
		Failure, Ex : Through	tent : Moderate, Ar out	ea Affec	ted : 100%				
Interior Walls									
Ceramic Tile	5%			2039		* *	5	\$2,300	
Concrete Masonry Unit	10%			LIFE		* *	5	\$3,700	
Glass: Single Pane	5%			LIFE		* *	5	\$3,500	
Gypsum Board	10%			LIFE		* *	5-10	\$7,900	
Masonry: Brick	5%			LIFE		* *	10	\$700	
Marble Panels	5%			LIFE		* *	10	\$900	
Plaster	55%			LIFE		* *	5-10	\$21,700	
Plaster	5%	2-4	\$3,900	LIFE		* *	5	\$700	
T luster	Deterioral		Extent : Moderate,		fected : 100%		5	\$700	
Ceilings									
AcousTileSusp.Lay-In	25%			2043		* *	5	\$7,700	
Gypsum Board	10%			LIFE		* *	5-10	\$10,600	
Plaster		4+ Crumbling, : Through	\$55,600 Extent : Moderate out	LIFE , Area A	ffected : 10%	* *	5	\$12,500	
lite Enclosure									
Fence/Gates									
Exposed Struc: Steel	70%			LIFE		* *			
		/Rusting, E : Through	xtent : Moderate, A out	lrea Affe	cted : 20%				
Iron Picket	30%			2050		* *			
Retaining Walls									
Cast in Place Concrete	100%			2050		* *			
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100%	2-4	\$15,200	2035		* *			
			Extent : Moderate		ffected : 10%				
	-	: Through							
On-Site Walkways									
Cast in Place Concrete	100%	2-4	\$2,500	2035		* *			
	Cracking/	Crumbling,	Extent : Moderate	Area A	ffected : 10%				
		: Through		^c					

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.

Asset # : 4202

Architecture	Current Repa	air Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
te Pavements Parking/Driveway Asphalt	100% 2-4 Cracking/Crumbling, Ext Location : Throughout	\$9,500 2033 ent : Moderate, Area A	* * ffected : 15%			
lectrical	Current Repa	air Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Service Equipment Fused Disc Sw	100% Other Observation, Exten Location : Electrical Ro Explanation : One 1,200	pom		5	\$100	
Switchgear / Switchboard Fused Disc Sw	100%	2050	**	5	\$100	
Raceway Conduit Conduit	70% 30%	2030 2050	\$23,200 * *	1 1		
Panelboards Molded Case Bkrs Molded Case Bkrs	80% 20%	2046 2029	* * \$4,700	5 5	\$500 \$100	
Wiring Thermoplastic Thermoplastic	80% 20%	2050 2030	**	1		
Motor Controllers Locally Mounted	100%	2043	**	5	\$100	
round Grounding Devices Generic	100%	LIFE	* *	5	\$600	

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

Asset # : 4202

Electrical	Current Repair	# : 4202 Future	Replacement	М	aintenance	
ystem Component Type	% of Fail Date Estimated Total (Years)		Estimated Cost		Estimated Cost	Priority
ghting						
Interior Lighting Fluorescent	5% T-12 Lamps And Fixtures, Exten	2030 t : Light, Area A <u>f</u>	\$11,500 fected : 5%	10	\$1,000	
	Location : Main Floor					
Fluorescent	5% Other Observation, Extent : Ligh Location : Basement Explanation : T-8 Lamps	2035 ht, Area Affected	* *	10	\$1,000	
Fluorescent	1% Other Observation, Extent : Ligh Location : Basement, Hallway Explanation : T-5 Lamps	2035 ht, Area Affected	**	10	\$200	
Fluorescent	<u>19%</u>	2035	* *	10	\$3,800	
	Compact Fluorescent Light, Exte Location : Main Floor		Affected : 19%		,	
LED	70%	2035	* *			
Egress Lighting	500/	2025	ala ala	10	†2 (00)	
Emergency, Battery	50% 50%	2035 2035	* *	10 10	\$2,600 \$700	
Exit, Battery Exterior Lighting	30%	2033		10	\$700	
HID	100%	2035	* *	10	\$100	
larm Security System Generic	100% Other Observation, Extent : Ligh Location : Throughout The But Explanation : CCTV System		**	1	\$8,100	
Fire/Smoke Detection	* *					
Generic, Analog	20%	2025	\$47,700	1-3	\$2,800	
Generic, Digital	80%	2035	* *	1-3	\$10,700	
lechanical	Current Repair	Future	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Estimated Total (Years)	l Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
eating						
Energy Source Natural Gas	100%	2040	* *	1		
Conversion Equipment Hot Water Boiler	100% Other Observation, Extent : Ligh Location : Basement Explanation : One Unit	2043 ht, Area Affected	* *	1	\$10,800	
Distribution Hot Wtr Piping/Pump	100% Recent Replace Evident, Extent : Location : Basement	2046 : Light, Area Affe	* * cted : 100%	4	\$1,600	

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

Asset # : 4202

		A55el # . 4	202				
Mechanical		Current Repair	Futur	re Replacement	Μ		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ieating							
Terminal Devices							
Air Handler	40%		2030	\$121,400	1	\$5,400	
Air Handler	20%		2038	* *	1	\$2,700	
Convector/Radiator	40%		2035	* *	1	\$2,800	
Air Conditioning							
Energy Source							
Electricity	100%		2046	* *	1		
Conversion Equipment							
Reciprocating	60%		2030	\$110,000	1	\$6,100	
Compr/Chiller							
		igerant, Extent : Light, Area A	Iffected :	100%			
		n : Basement					
Window/Wall Unit	40%		2028	\$18,000	1		
Distribution							
CW & CHW Wtr	80%		2040	* *	4	\$900	
Pipe/Pump							
No Component	20%						
Terminal Devices							
Air Handler/Cool/Ht	60%		2030	\$145,300	1	\$8,100	
Fan Coil - 4 Pipe	20%		2035	* *	1	\$1,400	
No Component	20%						
Heat Rejection							
Air Cooled Condenser	100%		2030	\$43,500	2	\$15,200	
Unit							
Ventilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2.5	\$10.200	
	100%		LIFE		2-5	\$19,200	
Exhaust Fans Roof	100%		2035	* *	2	\$700	
Plumbing	10070		2033		Z	\$700	
H/C Water Piping							
Brass/Copper	20%		2040	* *	1		
Galvanized Steel	80%		2040	* *	1		
Water Heater	0070		2033		1		
Electric	100%		2028	\$19,000	4	\$100	
Licettie		ervation, Extent : Light, Area			-	φ100	
		n : Basement					
		tion : 50 Gallon Unit					
Sanitary Piping	<i>r</i>						
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	\$6,200	4	\$1,300	
				<i>,,,,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		÷)*	

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

Asset # : 4202

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

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

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

BROOKLYN PUBLIC LIBRARY - FY 2020 Print Date: 12-Sep-2019

: FLATLANDS BRANCH LIBRARY		
: 2065 FLATBUSH AVENUE @AVENU	E P	
: BROOKLYN	Agency's Number	: 39
: BPL0F39.000 / 13249	Yr Built/Renovated	: 1969 / 2003
: 12,028	Project Type	: BROOKLYN PUBLIC LIBRARY
: 27-Oct-2017	Landmark Status	: NONE
· Roof, Floors 1, Mez		
: 7868 Lot : 39	BIN	: 3219626
	 2065 FLATBUSH AVENUE @AVENU BROOKLYN BPL0F39.000 / 13249 12,028 27-Oct-2017 Roof, Floors 1,Mez 	 2065 FLATBUSH AVENUE @AVENUE P BROOKLYN Agency's Number BPL0F39.000 / 13249 Yr Built/Renovated 12,028 Project Type 27-Oct-2017 Landmark Status Roof, Floors 1,Mez

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture		\$319,400
Mechanical		\$241,200
Total		\$560,600
Importance Code A		\$319,400
Importance Code B		\$241,200
Total		\$560,600

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$6,500	\$19,600		\$7,400
Interior Architecture	\$30,800	\$8,400	\$900	
Electrical	\$400	\$500	\$600	\$600
Mechanical	\$1,300	\$1,000	\$2,100	\$8,200
Site Pavements	\$16,900			
Total	\$56,000	\$29,500	\$3,500	\$16,300
Importance Code A	\$7,100	\$20,200	\$600	\$8,000
Importance Code B	\$41,200	\$9,300	\$2,500	\$8,300
Importance Code C	\$7,700		\$400	
1				



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

Asset # : 13249

Architecture		Current I	Repair	Futur	e Replacement	N	laintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
xterior								
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,100	
Masonry: Brick	87%			LIFE	* *	5	\$15,900	
Pre-Cast Concrete		Now	\$1,900	LIFE	* *	5	\$1,800	
		r Miss/Erod : Window	l, Extent : Moderat Sills	e, Area A	Affected : 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	\$4,600	2049	* *	5	\$500	
		-	ents, Extent : Seven	e, Area	Affected : 25%			
	Location	a : Metal Co	oping At East Side					
Roof								
Modified Bitumen	25%			2034	* *	10	\$7,400	
Modified Bitumen	75%			2029	\$319,400	10	\$22,300	
Soffits								
Metal Panel	100%			2049	* *	5-10		
terior								
Floors								
Ceramic Tile	5%			2038	* *	5	\$900	
Vinyl Tile	95%			2034	* *		\$6,400	
Interior Walls							. ,	
Ceramic Tile	5%			2038	* *	5	\$800	
Gypsum Board	95%			LIFE	* *		\$9,300	
Ceilings						-	42,000	
AcousTileConcealSpLn	20%	Now	\$30,800	2049	* *	5	\$2,300	
	Broken/M		ents, Extent : Mode		ea Affected : 20%		\$2,300	
	Cracking/	Crumbling,	Extent : Moderate,	Area Aj	ffected : 25%			
	Location	: Mezzanii	ne					
AcousTileSusp.Lay-In	70%			2042	* *	5	\$12,600	
Gypsum Board	10%			LIFE	* *		\$2,300	
te Enclosure	1070			LIIL		5	\$2,500	
Fence/Gates								
Chain Link	100%			2039	* *			
te Pavements	10070			2057				
Public Sidewalk								
Cast in Place Concrete	100%	0-2	\$9,200	2042	* *			
	Cracking/		Extent : Moderate,		ffected : 20%			
On-Site Walkways		-						
	100%	4+	\$800	2042	* *			
Cast in Place Concrete								
Cast in Place Concrete			Extent : Moderate,		ffected · 5%			

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

Asset # : 13249

			A55et # . 13					
Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
te Pavements Parking/Driveway Asphalt	Cracking/	Now Crumbling, : Rear Of	\$6,800 Extent : Moderate Building	2032 , Area Aj	* * fected : 20%			
lectrical		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total		Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts Service Equipment Fused Disc Sw	Location	: Electrica	Extent : Light, Area Il Room Service Switch Ra			5	\$100	
Switchgear / Switchboard Molded Case Bkrs	100%		2011002.000110	2029	\$34,200	5	\$300	
Raceway Conduit Conduit	90% 10%			2029 2049	\$29,800 * *	1 1		
Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	5% 20% 75%			2028 2045 2028	\$800 * * \$11,900	5 5 5	\$100 \$200	
Wiring Thermoplastic Thermoplastic	80% 20%			2029 2049	\$23,500 * *	1 1	\$200	
Motor Controllers Locally Mounted	100%			2027	\$32,000	5	\$100	
ound Grounding Devices Not Accessible	100%							
ghting Interior Lighting LED	Location	: Through	Extent : Light, Area out The Building Light Fixtures	2037 Affected	**			
Egress Lighting Emergency, Battery Exit, Service	50% 50%		<u> </u>	2037 2037	* *	10 1	\$1,500	
Exterior Lighting LED	10% Other Obs Location	: Front Oi	-	2037	* *			
No Component	Explanation 90%	tion : LED	Lignis					

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.

Asset #: 13249

		A3561#.13					
Electrical		Current Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
larm							-
Security System Generic	1000/		2027	* *	1	\$4.500	
Generic	100% Other Ob	servation, Extent : Light, Area	2037 Affected		1	\$4,500	
		i : Inside And Outside	mjecieu	. 10070			
	Explana	tion : CCTV Surveillance Can	ieras, In	trusion Alarm, Mot	tion Sens	ors And Panic	
	Doors						
Mechanical		Current Repair	Futur	e Replacement	Μ	laintenance	
System	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Component Type	Total	(Years)	FY		(Ýrs)		•
Ieating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Furnace	40%		2029	\$11,200	1	\$2,400	
		servation, Extent : Light, Area	Affectea	1:40%			
	Location	-	_				
		tion : 2 Rooftop Package Unit		* *	1	¢2 (00	
Hot Water Boiler	60% Other Ob	servation, Extent : Light, Area	2034		1	\$3,600	
		i : 1st Floor Boiler Room	Ајјестец	. 00/0			
		tion : 1 Unit					
Distribution							
Hot Wtr Piping/Pump	60%		2037	* *	4	\$500	
No Component	40%						
Terminal Devices							
Air Handler	30%		2029	\$50,300	1	\$2,200	
Convector/Radiator	30%		2027	\$19,100	1	\$1,200	
No Component	40%						
Air Conditioning							
Energy Source Electricity	100%		2037	* *	1		
Conversion Equipment	10070		2057		1		
Int Pkg Unit -	40%		2027	\$101,400	2	\$300	
Heating/Cooling							
		igerant, Extent : Light, Area A		40%			
	Location	a : 1st Floor Mechanical Roon	1				
Ext Pkg Unit -	60%		2029	\$89,500	2	\$400	
Heating/Cooling	D 44			<pre></pre>			
	-	igerant, Extent : Light, Area A	ffected :	60%			
7	Location	a : 2 Units On Roof					
Ventilation Distribution							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,700	
Ductwork/Diffusers	10070		LILL		2-3	<i>\$</i> 0,700	

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

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

Asset # : 13249

Mechanical	Curr	ent Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail I Total (Yea	Date Estimated Cost urs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
entilation							
Exhaust Fans							
Interior	30%		2029	\$12,700	2	\$100	
Roof	70%		2029	\$13,900	2	\$300	
lumbing							
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater							
Gas Fired	100%		2024	\$7,300	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

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

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address	 FORT HAMILTON BRANCH LIBRAR 9424 FOURTH AVE. @95TH STREET 	RY
Borough		Agency's Number : 40
Program / Asset #	: BPL0F40.000 / 13250	Yr Built/Renovated : 1902 / 2011
Area Sq Ft	: 7,362	Project Type : BROOKLYN PUBLIC LIBRARY
Date of Survey	: 21-Sep-2017	Landmark Status : NONE
Areas Surveyed	: Basement, Roof, Floors 1	
Block	: 6114 Lot : 37 I	BIN : 3155499

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture		\$77,400
Total		\$77,400
Importance Code A		\$77,400
Total		\$77,400

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$2,000		\$3,500	\$7,100
Interior Architecture	\$1,100	\$1,200	\$900	
Electrical	\$600	\$800	\$600	\$8,300
Mechanical	\$600	\$700	\$1,100	\$700
Total	\$4,200	\$2,700	\$6,100	\$16,200
Importance Code A	\$2,300	\$400	\$3,900	\$7,500
Importance Code B	\$1,400	\$2,300	\$1,600	\$8,600
Importance Code C	\$500		\$600	
Total	\$4,200	\$2,700	\$6,100	\$16,200



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

Asset # : 13250

rchitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
stem	% of		Estimated Cost		Estimated Cost		Estimated Cost	Priorit
Component Type	Total	(Years)	Listimated Cost	FY	Listimated Cost	(Yrs)	Listimated Cost	1 1 101 1
terior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	\$15,300	
Masonry: Limestone	5%	4+	\$2,000	LIFE	* *	5	\$600	
	-	Crumbling, 1 : Main En	Extent : Light, Are	ea Affecto	ed : 5%			
Matel David	5%	. mun En	irunce	2040	* *	5 10	¢5 800	
Metal Panel	Other Obs Location	: Roof	Extent : Light, Area	2049 Affected		5-10	\$5,800	
	Explana	tion : Equip	oment Screen Wall					
Windows								
Aluminum	98%			2045	* *	5	\$2,000	
Metal Louvers	2%			2038	* *	10	\$300	
Parapets								
Masonry: Brick	20%			LIFE	* *	5	\$300	
Metal Panel	5%			2049	* *	5	\$300	
No Component	75%							
Roof								
Built-Up (BUR)	30%			2029	\$77,400	10	\$5,400	
Modified Bitumen	30%			2034	* *	10	\$5,400	
Slate	40%			LIFE	* *			
Soffits								
Fiberglass Panel	100%			2038	* *	5	\$7,100	
erior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$1,200	
Ceramic Tile	5%			2038	* *	5	\$600	
Slate	2%			LIFE	* *	5	\$200	
Vinyl Tile	88%			2034	* *	3	\$3,600	
Interior Walls						-	+-)	
Ceramic Tile	5%			2038	* *	5	\$1,200	
Gypsum Board	25%	4+	\$500	LIFE	* *	5	\$3,500	
Cyptum Dourd			Extent : Light, Are		ed : 2%	5	42,200	
		: At HVAC						
Plaster	70%			LIFE	* *	5	\$5,000	
Ceilings								
AcousTileSusp.Lay-In			\$600 Extent : Moderate Ducts	2042 e, Area A	* * ffected : 5%	5	\$1,600	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	\$1,700	
Plaster	30%			LIFE	* *	5	\$1,700	
Wood	15%			LIFE	* *	5	\$12,100	
e Enclosure	1570					5	ψ12,100	
Fence/Gates								

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.

Asset # : 13250

Architecture		Current I	Repair	Futu	e Replacement	М	aintenance	
System	0 (0							
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2064	* *			
Site Pavements								
Public Sidewalk	1000/			• • • •	* *			
Cast in Place Concrete	100%			2042				
		Crumbling, : Through	Extent : Light, Are	ea Affect	ed : 5%			
O. C'+ W/ 11	Location	: Inrougn	oui					
On-Site Walkways Cast in Place Concrete	75%			2046	* *			
Masonry: Granite	25%			LIFE	* *			
Parking/Driveway	2370			LIFE				
Asphalt	100%			2038	* *			
Asphan	10070			2050				
Electrical		Current I	Repair	Futur	e Replacement	M	laintenance	
System	% of	Fail Date	Estimated Cost	Vear	Estimated Cost	Cycle	Estimated Cost	Priority
Component	Total	(Years)	Listimated Cost	FY	Listimated Cost	(Yrs)	Litillateu Cost	1 1101 10
Туре		()				()		
Under 600 Volts								
Service Equipment	1000/			2040	* *	-		
Fused Disc Sw	100%			2049		5		
		ervation, E : Electrica	Extent : Light, Area	Ајјестеа	. 100%			
			400 Amperes Main	Disconn	act Switch			
Switchgear / Switchboard	Елріини	non . One ·	too Amperes Main	Disconn	eei Swiich			
Fused Disc Sw	100%			2049	* *	5		
Raceway	10070			2047		5		
Conduit	100%			2049	* *	1		
Panelboards	10070			2017		1		
Fused Disc Sw	5%			2045	* *	5		
Molded Case Bkrs	95%			2045	* *	5	\$200	
Wiring							+	
Thermoplastic	100%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	90%	–		2034	* *	10	\$6,100	
	-		res, Extent : Light, out The Building	Area Af	fected : 100%			
Fluorescent	10%			2034	* *	10	\$700	
	Other Obs	ervation, E : First Flo	Extent : Light, Area		! : 100%			
			oact Fluorescent L	ight Fixt	ures			
	ылриани	ion . comp	Juci I morescent Ll	5" 1 1.11	~ ~ ~			

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.

Asset #: 13250

			Asset # : 13	250				
Electrical		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	Priorit
ighting								
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	\$900	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10		
larm								
Security System								
No Component	30%							
Generic	70%			2034	* *	1	\$1,900	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *	1-3	\$4,500	
Mechanical		Current I	Popair	Eutur	e Replacement	M	aintenance	
								_
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
leating								
Energy Source								
Natural Gas	100%			2049	* *	1		
Conversion Equipment								
Furnace	65%			2034	* *	1	\$2,400	
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 65%			
	Location	-						
	Explana	tion : 2 Pac	ckage Units					
Hot Water Boiler	35%			2042	* *	1	\$1,300	
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 35%			
	Location	: Basemen	t Boiler Room					
	Explana	tion : 1 Uni	it					
Distribution								
Hot Wtr Piping/Pump	35%			2045	* *	4	\$200	
No Component	65%							
Terminal Devices								
Convector/Radiator	35%			2042	* *	1	\$800	
No Component	65%							
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Ext Pkg Unit -	90%			2034	* *	2	\$400	
Heating/Cooling	0.1			1.00				
			Extent : Light, Area	Affected	: 90%			
	Location							
	_	non : 2 Pac	ckage Units. R-410					
Split Unit	10%			2034	**			
			Extent : Light, Area	Affected	: 10%			
	Location	-	D (10					
	Explana	tion : 2 Uni	ets. R-410a					

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.

Asset # : 13250

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

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.

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name	: GERRITSEN BEACH BRANCH LIB											
Address	: 2808 GERRITSEN AVENUE BTWN B	3 GERRITSEN AVENUE BTWN BARTLETT PL GOTHAM AVE.										
Borough	: BROOKLYN	Agency's Number : N/A										
Program / Asset #	: BPL0G40.000 / 14459	Yr Built/Renovated : 1995 /										
Area Sq Ft	: 9,963	Project Type : BROOKLYN PUBLIC LIBRARY										
Date of Survey	: 26-Oct-2017	Landmark Status : NONE										
Areas Surveyed	: Roof, Floors 1											
Block	: 8923 Lot : 920	BIN : 3343823										

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$600	\$2,200		\$10,200
Interior Architecture	\$1,100	\$2,100		
Electrical	\$500	\$700	\$600	\$29,400
Mechanical	\$1,300	\$1,100	\$2,300	\$1,200
Total	\$3,500	\$6,100	\$2,900	\$40,800
Importance Code A	\$1,100	\$2,700	\$500	\$10,700
Importance Code B	\$2,400	\$3,300	\$2,400	\$30,000
Importance Code C		\$100		
Total	\$3,500	\$6,100	\$2,900	\$40,800



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

Asset # : 14459

Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total		Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	\$1,400	
Exposed Struc: Steel	2%			LIFE	* *	5	\$500	
		ing, Extent : Through	: Light, Area Affeo out	cted : 25	%			
Masonry: Brick		Crumbling, : Through	Extent : Light, Ard out	LIFE ea Affect	* * ed : 5%	5	\$6,600	
Metal Panel	5%			2049	* *	5-10	\$3,000	
		rfaces, Ex : Rear Of	tent : Light, Area A Building	ffected :	10%			
Window Wall	15%			2049	* *	5	\$4,900	
Windows								
Aluminum	99%			2051	* *	5	\$1,300	
Metal Louvers	1%			2032	* *	10	\$100	
		ed Finish, : Front Oj	Extent : Light, Are ^c Building	a Affecte	d : 50%			
Parapets	100/					_	.	
Cast Stone/Terra Cotta			d, Extent : Light, A	LIFE rea Affec	* * ted : 1%	5	\$600	
		: Through	out					
Masonry: Brick		racks, Exte : West Sid	ent : Light, Area Af le	LIFE <i>fected</i> : 1	**	5	\$300	
No Component	50%							
Roof	5070							
Asphalt Shingle	65%			2042	* *	10	\$2,200	
Modified Bitumen	35%			2034	* *	10	\$6,900	
Soffits							+ • ,> • •	
Cement-Fiber Panel	90%			2037	* *	10		
		iscoloring : Through	Extent : Light, Ar out	ea Affect	ed : 15%			
Exposed Struc: Steel	10%			LIFE	* *	5		
nterior								
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				LIFE	* *	5	\$100	
Gypsum Board	75%			LIFE	* *	5	\$2,100	
Masonry: Brick	15%			LIFE	* *			

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

Asset # : 14459

Current Repair		Future Replacement		Maintenance			
% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
15%		2046	* *	5	\$2,100		
5%		LIFE	* *				
75%		LIFE	* *				
5%		LIFE	* *	5	\$900		
100%		2064	* *				
100%		2049	* *				
100%		2046	* *				
100%		2046	* *				
100%		2042	* *				
	Total	% of Total Fail Date (Years) Estimated Cost (Years) 15% 5% 5% 5% 75% 5% 100% 100% 100% 100%	% of Total Fail Date (Years) Estimated Cost FY Year FY 15% 2046 5% LIFE 75% LIFE 5% 2046 100% 2064 100% 2049 100% 2046 100% 2046	% of Total Fail Date Estimated Cost (Years) Year FY Estimated Cost FY 15% 2046 ** 5% LIFE ** 75% LIFE ** 100% 2064 ** 100% 2046 ** 100% 2046 ** 100% 2046 **	% of Total Fail Date (Years) Estimated Cost FY Year FY Estimated Cost (Yrs) Cycle (Yrs) 15% 2046 ** 5 5% LIFE ** 5 75% LIFE ** 5 100% 2064 ** 5 100% 2046 ** 1 100% 2046 ** 1 100% 2046 ** 1	% of Total Fail Date (Years) Estimated Cost FY Cycle (Yrs) Estimated Cost (Yrs) 15% 2046 ** 5 \$2,100 5% LIFE ** 5 \$2,100 5% LIFE ** 5 \$2,000 5% LIFE ** 5 \$900 100% 2064 ** 5 \$900 100% 2046 ** - - 100% 2046 ** - - 100% 2046 ** - -	

% of Fail Date Es Total (Years)		Estimated Cost	0.1		
	FY	Lisamateu Cost	Cycle (Yrs)	Estimated Cost	Priority
100%	2039	* *	5		
Other Observation, External	nt : Light, Area Affected	d : 100%			
Location : Electrical R	oom				
Explanation : Main Ser	vice Disconnect Switch	Rated At 600 Amp	eres.		
100%	2039	* *	5	\$300	
Other Observation, External	nt : Light, Area Affected	d : 100%			
Location : Electrical R	oom				
Explanation : 1- Vertic	al Section				
100%	2039	* *	1		
5%	2037	* *	5		
95%	2037	* *	5	\$300	
100%	2039	* *	1		
100%	2034	* *	5	\$100	
100%	LIFE	* *	5	\$100	
_	Other Observation, Exter Location : Electrical R Explanation : Main Ser 100% Other Observation, Exter Location : Electrical R Explanation : 1- Vertic 100% 5% 95% 100%	Other Observation, Extent : Light, Area Affected Location : Electrical Room Explanation : Main Service Disconnect Switch100%2039Other Observation, Extent : Light, Area Affected Location : Electrical Room Explanation : 1- Vertical Section100%20395%203795%2037100%2039100%2039100%2039100%2034	Other Observation, Extent : Light, Area Affected : 100% Location : Electrical Room Explanation : Main Service Disconnect Switch Rated At 600 Ample100%2039**0ther Observation, Extent : Light, Area Affected : 100% Location : Electrical Room Explanation : 1- Vertical Section100%2039100%2039**5%2037**95%2037**100%2039**	Other Observation, Extent : Light, Area Affected : 100% Location : Electrical Room Explanation : Main Service Disconnect Switch Rated At 600 Amperes. 100% 2039 ** 5 Other Observation, Extent : Light, Area Affected : 100% Location : Electrical Room 5 Other Observation, Extent : Light, Area Affected : 100% Location : Electrical Room 1 100% 2039 ** 1 100% 2039 ** 1 5% 2037 ** 5 95% 2037 ** 5 100% 2039 ** 1 100% 2034 ** 5	Other Observation, Extent : Light, Area Affected : 100% Location : Electrical Room Explanation : Main Service Disconnect Switch Rated At 600 Amperes. 100% 2039 ** 5 \$300 Other Observation, Extent : Light, Area Affected : 100% Location : Electrical Room \$300 Other Observation, Extent : Light, Area Affected : 100% Location : Electrical Room \$300 I00% 2039 ** 1 100% 2039 ** 1 5% 2037 ** 5 95% 2037 ** 5 100% 2039 ** 1 100% 2034 ** 5

Lighting

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

Asset # : 14459

		Asset # : 14	459				
lectrical	Current Repair Future Replacement				Μ		
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ighting							
Interior Lighting							
Fluorescent	25%		2024	\$26,400	10	\$2,300	
	-	os And Fixtures, Extent : Ligh 2 : Offices, Electrical Room	t, Area A	ffected : 100%			
Fluorescent	5%		2029	\$5,300	10	\$500	
	-	Fluorescent Light, Extent : Lig 2 : Offices	ght, Area	Affected : 100%			
LED	70%		2037	* *			
	Location	ervation, Extent : Light, Area : Reading Areas tion : LED Light	Affected	! : 100%			
Egress Lighting							
Emergency, Battery	50%		2029	\$7,100	10	\$1,200	
Exit, Service	50%		2029	\$800	1		
Exterior Lighting							
LED	30%		2037	* *			
No Component	70%						
larm							
Security System							
Generic	100%		2037	* *	1	\$3,700	
		ervation, Extent : Light, Area		! : 100%			
		: Inside And Outside The Bu	-				
	Explana	tion : CCTV Surveillance Can	neras				
Fire/Smoke Detection							
No Component	70%						
Generic, Digital	30%		2029	\$32,700	1-3	\$1,800	
		ervation, Extent : Light, Area	Affectea	l : 100%			
	Location	: Reading Areas					
	Explana	tion : Smoke Detector, Strobe	Lights				
lechanical		Current Repair	Futur	e Replacement	М	aintenance	
ystem	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Component	Total	(Years)	FY	Lonnated Cost	(Yrs)	Louinated Cost	
Туре		(()		
eating							
Energy Source							
Natural Gas	100%		2055	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2046	* *	1	\$4,900	
		ervation, Extent : Light, Area	Affectea	! : 100%			
	Location	: First Floor					
		tion : 1 Unit					
Distribution	Explana	tion : 1 Unit					
Hot Wtr Piping/Pump		tion : 1 Unit	2051	* *	4	\$500	
Hot Wtr Piping/Pump Terminal Devices	Explana 100%	tion : 1 Unit			4		
Hot Wtr Piping/Pump	Explana	tion : 1 Unit	2051 2037 2037	**	4	\$500 \$5,500	

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

Asset # : 14459

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Energy Source							
Electricity	100%		2051	* *	1		
Conversion Equipment							
Int Pkg Unit -	90%		2033	* *	2	\$600	
Heating/Cooling							
No Component	10%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,600	
Exhaust Fans							
Interior	100%		2037	* *	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2055	* *	1		
Water Heater							
Electric	100%		2028	\$8,700	4	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
Generic	100%		2037	* *	1	\$600	
Fixtures							
Generic	100%						

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed	: 1664 WE : BROOK : BPL0H4 : 7,500 : 11-Mar-2 : Basemen	ST 13TH @ LYN 2.000 / 1325 2013 t, Roof, Floo	ors 1	WAY Agency's Number Yr Built/Renovated Project Type Landmark Status	: 42 : 1972 / 2005 : BROOKLYN PUBL : NONE	IC LIBRARY
Block	: 6618	Lot	: 34	BIN	: 3175253	
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architec Electrical Mechanical	ture			\$265,800 \$71,500 \$40,400		\$7,900 \$236,400
Total				\$377,700		\$244,400
Importance Code Importance Code				\$265,800 \$111,900		\$244,400
Total				\$377,700		\$244,400
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$32,800			
Interior Architect	ure		\$23,900	\$300	\$600	\$3,700
Electrical			\$6,100	\$200	\$12,900	\$154,800
Mechanical			\$900	\$8,400	\$1,500	\$5,500
Total			\$63,800	\$8,900	\$15,000	\$164,100
Importance Code	А		\$33,200	\$400	\$400	\$2,000
Importance Code			\$30,600	\$8,500	\$14,400	\$162,000
Importance Code	С				\$200	
Total			\$63,800	\$8,900	\$15,000	\$164,100



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.

Asset # : 13252

rchitecture		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	\$13,200	
Masonry: Limestone	20%			LIFE	* *	5	\$2,800	
Granite Panels	10%			LIFE	* *	5	\$1,400	
Windows	1000/	• •	¢ < 2 00	2022	- بە - بە	-	#7 00	
Aluminum	Location Other Obs Location	: Through ervation, E : Through	Extent : Moderate, 2	Area Affe		5	\$700	
Roof								
Modified Bitumen	Location Ponding, I Location Worn/Ero	: Lower R Extent : Mc : Through	oderate, Area Affec out : Moderate, Area	ted : 20%				
terior								
Floors								
Carpet			\$20,000 Extent : Moderate out	2025 e, Area A	\$100,100 ffected : 20%	3	\$11,100	
Cast in Place Concrete	5%			LIFE	* *	5	\$1,200	
Ceramic Tile	5%			2033	* *	5	\$500	
Sheet Vinyl/Rubber	Misaligne	Now d/Bulging, : Staff Roo	\$3,300 Extent : Moderate, om	2029 Area Aff	\$33,300 fected : 10%	5	\$800	
Vinyl Tile	10%			2029	\$9,500	3	\$400	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$300	
Concrete Masonry Unit	5%			LIFE	* *	5	\$100	
Plaster	20%			LIFE	* *	5	\$400	
SGFT/Glazed Masonry	70%			LIFE	* *			
Ceilings					. ·	-	* = * ·	
AcousTileConcealSpLn				2037	* *	5	\$700	
AcousTileSusp.Lay-In	10%			2041	* *	5	\$1,100	
Exposed Struc: Steel	5%			LIFE	* *	5	¢5 200	
Plaster	80%			LIFE	יי י ר	5	\$5,300	
lectrical		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit

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.

Asset # : 13252

Electrical	Current Repair Future Replacement Maintenance							
			-	Futur	e Replacement			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$1,600	5	\$200	
			Extent : Moderate, 2	Area Affe	ected : 100%			
		ı : Electrica						
	Explana	tion : One I	Electrical Service I	Rated At	350 Amperes			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$34,200	5	\$200	
Raceway								
Conduit	90%			2024	\$29,800	1		
Conduit	10%			2050	* *	1		
Panelboards	0.00/			2022	¢10 700	E	#2 00	
Molded Case Bkrs	80%			2023	\$12,700 * *	5	\$200	
Molded Case Bkrs	20%			2046	* *	5		
Wiring	200/	2.4	#7 000	20.40	* *	1		
Braided Cloth	20%		\$5,900 mt i Madauata Au	2049		1		
		Agea, Exie 1 : Basemen	ent : Moderate, Are	ea Affecte	24 : 100%			
			ll		** *			
Thermoplastic	70%			2024	\$20,500 * *	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers	1000/			20.41	* *	5	¢100	
Locally Mounted	100%			2041		3	\$100	
Ground Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
Generic			Extent : Moderate, 2		ected · 100%	5	\$100	
		i : Basemen		1.000115550				
			ected To Main Wa	ter Pipe				
ighting				- T				
Interior Lighting								
Fluorescent	10%			2029	\$7,900	10	\$700	
	T-8 Lamp	s And Fixtu	res, Extent : Mode	rate, Are	a Affected : 100%			
	Location	ı : Basemen	nt					
Fluorescent	90%			2024	\$71,500	10	\$6,200	
	Other Obs	servation, E	Extent : Light, Area					
	Location	i : Through	out					
	Explana	tion : T-12	Lamps					
Egress Lighting								
Exit, Service	50%			2024	\$600	1		
Exit, Battery	50%			2024	\$1,800	10	\$300	
Exterior Lighting								
HID	100%			2024	\$30,000	10		
Alarm								
Security System								
No Component	80%						• • •	
Generic	20%			2024	\$4,800	1	\$600	

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

Asset # : 13252

ASSEL # . 15252								
Electrical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
larm								
Fire/Smoke Detection	= 0.0 /							
No Component	70%			2024	¢24.700	1.2	¢1 400	
Generic	30%			2024	\$24,700	1-3	\$1,400	
Mechanical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source	1000/			2 044	ata ata			
Natural Gas	100%			2044	* *	1		
Conversion Equipment Hot Water Boiler	100%			2037	* *	1	\$3,700	
Hot water Boller			Extent : Light, Area			1	\$5,700	
			nt Boiler Room	njjecicu	. 10070			
		tion : 2 Uni						
Distribution	*							
Hot Wtr Piping/Pump	100%			2040	* *	4	\$400	
Terminal Devices								
Air Handler	75%			2029	\$78,400	1	\$3,500	
Convector/Radiator	25%			2029	\$9,900	1	\$600	
Air Conditioning								
Energy Source Electricity	100%			2040	* *	1		
Conversion Equipment	10070			2040		1		
Int Pkg Unit - Heating/Cooling	100%			2025	\$158,000	2	\$500	
	R-22 Refri	igerant, Exi	tent : Light, Area A	ffected :	100%			
	Location	ı : Basemen	nt Equipment Room					
Heat Rejection								
Dry Cooler	100%			2024	\$40,400	2	\$5,200	
Ventilation								
Distribution	1000/			LIPP	* *	2.5	¢ 4 000	
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,200	
Exhaust Fans Interior	80%			2029	\$21,200	n	\$200	
Roof	80% 20%			2029	\$21,200 \$2,500	2 2	\$200	
Plumbing	2070			2029	\$2,500	L		
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Electric	100%			2022	\$6,500	4	\$100	
Sanitary Piping					-			
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *			

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

Asset # : 13252

lechanical	C	Current Repair		Future Replacement		Maintenance	
vstem Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing							
Sump Pump(s)							
Non-Submersible	100%		2024	\$1,100	4	\$200	
Sewage Ejector(s)							
Electric	100%		2024	\$2,100	4	\$300	
Fixtures							
Generic	100%						

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name	: JAMAICA BAY BRANCH LIBRARY							
Address	: 9727 SEAVIEW AVE. @E. 98 STREET							
Borough	: BROOKLYN	Agency's Number	: 81					
Program / Asset #	: BPL0J81.000 / 13253	Yr Built/Renovated	: 1973 / 2002					
Area Sq Ft	: 7,852	Project Type	: BROOKLYN PUBLIC LIBRARY					
Date of Survey	: 19-Mar-2013	Landmark Status	: NONE					
Areas Surveyed	Roof, Floors 1,1m							
Block	: 8300 Lot : 1	BIN	: 3234514					

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture		\$255,900
Interior Architecture		\$100,400
Electrical	\$83,200	
Mechanical		\$97,400
Total	\$83,200	\$453,700
Importance Code A		\$255,900
Importance Code B	\$83,200	\$197,800
Total	\$83,200	\$453,700

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture				\$2,700
Interior Architecture			\$1,700	
Electrical	\$700	\$700	\$13,600	\$128,900
Mechanical	\$5,400	\$500	\$1,300	\$500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$10,100	\$5,200	\$20,500	\$136,100
Importance Code A	\$400	\$400	\$400	\$4,800
Importance Code B	\$9,700	\$4,800	\$20,100	\$131,400
Total	\$10,100	\$5,200	\$20,500	\$136,100



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.

BROOKLYN PUBLIC LIBRARY - 038 JAMAICA BAY BRANCH LIBRARY

Asset # : 13253

$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$								
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Architecture		Current Repair	Futur	e Replacement	Μ	aintenance	
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Component				Estimated Cost	-	Estimated Cost	Priorit
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	xterior							
Pre-Cast Concrete 3% LIFE ** 5 \$2,000 Window Wall 7% 2044 ** 5 \$5,400 Windows Glass Block 100% LIFE ** 5 \$2,000 Parapets Concrete Masonry Unit 95% LIFE ** 5 \$2,000 Parapets Concrete 5% LIFE ** 5 \$2,000 Modified Bitumen 100% 2029 \$255,900 10 \$17,800 tterior Floors Ceramic Tile 5% 2029 \$255,900 10 \$17,800 Interior Walls Concrete Masonry Unit 100% LIFE ** 5 \$600 Vinyl Tile 95% 2029 \$100,400 \$4,200 Interior Walls Concrete Masonry Unit 100% LIFE ** 5 Ceilings AcousTileSusp.Lay-In 90% 2037 ** 5 Gypsum Board 10% LIFE ** 5 \$5	Exterior Walls							
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Concrete Masonry Unit	90%		LIFE	* *	5	\$11,600	
Windows LIFE ** 5 \$2,000 Parapets Concrete Masonry Unit 95% LIFE ** 5 Pre-Cast Concrete 5% LIFE ** 5 Roof 2029 \$255,900 10 \$17,800 atterior 2029 \$255,900 10 \$17,800 Atterior 2033 ** 5 \$600 Vinyl Tile 95% 2029 \$100,400 3 \$4,200 Interior Walls \$5 Concrete Masonry Unit 100% LIFE ** 5 Ceilings <td>Pre-Cast Concrete</td> <td>3%</td> <td></td> <td>LIFE</td> <td>* *</td> <td>5</td> <td>\$2,000</td> <td></td>	Pre-Cast Concrete	3%		LIFE	* *	5	\$2,000	
$\begin{tabular}{ c c c c c c c c c c c } \hline Glass Block & 100\% & LIFE & ** 5 & \$2,000 \\ \hline Parapets & & & & \\ \hline Concrete Masonry Unit & 95\% & LIFE & ** 5 & \\ \hline Pre-Cast Concrete & 5\% & LIFE & ** 5 & \\ \hline Roof & & & & \\ \hline Modified Bitumen & 100\% & 2029 & \$255,900 & 10 & \$17,800 & \\ \hline Modified Bitumen & 100\% & 2029 & \$255,900 & 10 & \$17,800 & \\ \hline Interior & & & & & \\ \hline Ceramic Tile & 5\% & 2033 & ** 5 & \$600 & \\ \hline Vinyl Tile & 95\% & 2029 & \$100,400 & 3 & \$4,200 & \\ \hline Interior Walls & & & & \\ \hline Concrete Masonry Unit & 100\% & LIFE & ** 5 & \\ \hline Ceilings & & & & \\ \hline AcousTileSusp.Lay-In & 90\% & 2037 & ** 5 & \\ \hline Gypsum Board & 10\% & LIFE & ** 5 & \\ \hline \end{tabular}$	Window Wall	7%		2044	* *	5	\$5,400	
Orass Brock 100% LIFE 3 32,000 Parapets Concrete Masonry Unit 95% LIFE ** 5 Pre-Cast Concrete 5% LIFE ** 5 Roof Modified Bitumen 100% 2029 \$255,900 10 \$17,800 Interior Floors Ceramic Tile 5% 2033 ** 5 \$600 Vinyl Tile 95% 2029 \$100,400 3 \$4,200 Interior Walls Concrete Masonry Unit 100% LIFE ** 5 Ceilings AcousTileSusp.Lay-In 90% 2037 ** 5 Gypsum Board 10% LIFE ** 5	Windows							
Concrete Masonry Unit 95% LIFE ** 5 Pre-Cast Concrete 5% LIFE ** 5 Roof 2029 \$255,900 10 \$17,800 Interior Floors 2033 ** 5 \$600 Vinyl Tile 95% 2033 ** 5 \$600 Vinyl Tile 95% 2029 \$100,400 3 \$4,200 Interior Walls Concrete Masonry Unit 100% LIFE ** 5 Ceilings AcousTileSusp.Lay-In 90% 2037 ** 5 Gypsum Board 10% LIFE ** 5	Glass Block	100%		LIFE	* *	5	\$2,000	
Concrete Masonry Unit 95% LIFE ** 5 Pre-Cast Concrete 5% LIFE ** 5 Roof Modified Bitumen 100% 2029 \$255,900 10 \$17,800 Interior Floors Ceramic Tile 5% 2033 ** 5 \$600 Vinyl Tile 95% 2029 \$100,400 3 \$4,200 Interior Walls Concrete Masonry Unit 100% LIFE ** 5 Ceilings AcousTileSusp.Lay-In 90% 2037 ** 5 Gypsum Board 10% LIFE ** 5	Parapets							
Roof 2029 \$255,900 10 \$17,800 Interior Floors 2033 ** 5 \$600 Vinyl Tile 95% 2029 \$100,400 3 \$4,200 Interior Walls Concrete Masonry Unit 100% LIFE ** 5 Ceilings AcousTileSusp.Lay-In 90% 2037 ** 5 Gypsum Board 10% LIFE ** 5		95%		LIFE	* *	5		
Modified Bitumen 100% 2029 \$255,900 10 \$17,800 nterior Floors \$600 \$600 \$600 \$600 \$600 \$600 \$600 \$600 \$600 \$600 \$600 \$600 \$600 \$600 \$600 \$600 </td <td>Pre-Cast Concrete</td> <td>5%</td> <td></td> <td>LIFE</td> <td>* *</td> <td>5</td> <td></td> <td></td>	Pre-Cast Concrete	5%		LIFE	* *	5		
tterior Floors 2033 ** 5 \$600 Ceramic Tile 5% 2033 ** 5 \$600 Vinyl Tile 95% 2029 \$100,400 3 \$4,200 Interior Walls Concrete Masonry Unit 100% LIFE ** 5 Ceilings Acous TileSusp.Lay-In 90% 2037 ** 5 Gypsum Board 10% LIFE ** 5	Roof							
Floors 2033 ** 5 \$600 Vinyl Tile 95% 2029 \$100,400 3 \$4,200 Interior Walls Concrete Masonry Unit 100% LIFE ** 5 Ceilings Acous TileSusp.Lay-In 90% 2037 ** 5 Gypsum Board 10% LIFE ** 5	Modified Bitumen	100%		2029	\$255,900	10	\$17,800	
Ceramic Tile 5% 2033 ** 5 \$600 Vinyl Tile 95% 2029 \$100,400 3 \$4,200 Interior Walls Concrete Masonry Unit 100% LIFE ** 5 Ceilings Acous TileSusp.Lay-In 90% 2037 ** 5 Gypsum Board 10% LIFE ** 5	terior							
Vinyl Tile 95% 2029 \$100,400 3 \$4,200 Interior Walls Concrete Masonry Unit 100% LIFE ** 5 Ceilings Acous TileSusp.Lay-In 90% 2037 ** 5 Gypsum Board 10% LIFE ** 5	Floors							
Interior WallsLIFE**5Concrete Masonry Unit100%LIFE**5CeilingsAcousTileSusp.Lay-In90%2037**5Gypsum Board10%LIFE**5	Ceramic Tile	5%		2033	* *	5	\$600	
Concrete Masonry Unit100%LIFE**5CeilingsAcousTileSusp.Lay-In90%2037**5Gypsum Board10%LIFE**5	Vinyl Tile	95%		2029	\$100,400	3	\$4,200	
CeilingsAcousTileSusp.Lay-In90%2037** 5Gypsum Board10%LIFE** 5	Interior Walls							
AcousTileSusp.Lay-In90%2037**5Gypsum Board10%LIFE**5	Concrete Masonry Unit	100%		LIFE	* *	5		
AcousTileSusp.Lay-In90%2037**5Gypsum Board10%LIFE**5	Ceilings							
Gypsum Board 10% LIFE ** 5	-	90%		2037	* *	5		
		10%		LIFE	* *	5		
Actrical Current Repair Future Replacement Maintenance								

ectrical	Current Repa	ir Future	Replacement	Μ	aintenance	
stem Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2024	\$1,600	5	\$200	
	Other Observation, Extent	: Moderate, Area Affe	cted : 100%			
	Location : Electrical Clo	set In The Meeting Roo	om			
	Explanation : Main Serv	ice Switch Rated At 40) Amperes			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2024	\$34,200	5	\$200	
Raceway						
Conduit	20%	2044	* *	1		
Conduit	80%	2024	\$26,500	1		
Panelboards						
Molded Case Bkrs	20%	2040	* *	5		
Molded Case Bkrs	80%	2023	\$12,700	5	\$200	
Wiring						
Thermoplastic	30%	2044	* *	1		
Thermoplastic	70%	2024	\$20,500	1		
Motor Controllers						
Locally Mounted	30%	2037	* *	5		
Locally Mounted	70%	2029	\$11,200	5		

Ground

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.

BROOKLYN PUBLIC LIBRARY - 038 JAMAICA BAY BRANCH LIBRARY

Asset # : 13253

Electrical	Current Repair	Future	Replacement	Μ		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	10%	2024	\$8,300	10	\$700	
	Other Observation, Extent : Modera	te, Area Affec	ted : 100%			
	Location : Reading Area					
	Explanation : Compact Fluorescen	t Light Fixtur	es			
Fluorescent	90%	2024	\$74,900	10	\$6,500	
	T-8 Lamps And Fixtures, Extent : Me	oderate, Area			* -)	
	Location : Throughout The Buildin					
Egress Lighting						
Emergency, Battery	50%	2024	\$5,600	10	\$900	
Exit, LED	50%	2039	* *	1		
Exterior Lighting						
HID	100%	2024	\$31,400	10		
Alarm						
Security System						
Generic	100%	2032	* *	1	\$2,900	
	Other Observation, Extent : Moderate, Area Affected : 100%					
	Location : Throughout The Buildin	g				
	Explanation : CCTV Surveillance (Cameras				
Fire/Smoke Detection						
Generic	100%	2032	* *	1-3	\$4,800	
	Other Observation, Extent : Modera	te, Area Affec	ted : 100%			
	Location : Throughout The Buildin	g				
	Explanation · Strobe Lights Manu	al Pull Station	is Horns And Ali	urm Relle	r	

Explanation : Strobe Lights, Manual Pull Stations, Horns And Alarm Bells

Mechanical	Current Repair	Future Re	placement	Μ	aintenance			
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating								
Energy Source								
Natural Gas	100%	2044	* *	1				
Conversion Equipment								
Furnace	65%	2029	\$11,900	1	\$2,500			
	Other Observation, Extent : Light, Area Affected : 65%							
	Location : Roof							
	Explanation : 4 Package Units							
Hot Water Boiler	35%	2037	* *	1	\$1,400			
	Other Observation, Extent : Light,	Area Affected : 35	%					
	Location : 1st Floor Boiler Room	n						
	Explanation : 2 Units							
Distribution								
Hot Wtr Piping/Pump	35%	2040	* *	4	\$100			
No Component	65%							

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BROOKLYN PUBLIC LIBRARY - 038 JAMAICA BAY BRANCH LIBRARY

Asset # : 13253

Mechanical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Terminal Devices						
Convector/Radiator	35%	2037	* *	1	\$900	
No Component	65%					
Air Conditioning						
Energy Source	1000/	20.40	* *			
Electricity	100%	2040	* *	1		
Conversion Equipment	100%	2020	¢07.400	2	\$500	
Ext Pkg Unit - Heating/Cooling	100%	2029	\$97,400	2	\$200	
Heating/Cooling	R-22 Refrigerant, Extent : Light, Area	Affected .	100%			
	Location : Roof	Лујестей .	10070			
	Other Observation, Extent : Light, Are	a Affected	· 100%			
	Location : Roof	a mjecica	. 100/0			
	Explanation : 4 Package Units					
Ventilation	1 0					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,400	
Exhaust Fans						
Roof	100%	2029	\$12,900	2	\$200	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2034	* *	1		
Water Heater						
Gas Fired	100%	2021	\$4,700	2	\$100	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					

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Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name	: KENSINGTON BRANCH LIBRARY		
Address	: 4211 18TH AVENUE @ SETON PL.		
Borough	: BROOKLYN	Agency's Number	: N/A
Program / Asset #	: BPL0K43.000 / 14461	Yr Built/Renovated	: 2010 /
Area Sq Ft	: 19,897	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 03-Oct-2017	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 5416 Lot : 14	BIN	: 3801250

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture		\$177,700
Total		\$177,700
Importance Code A		\$177,700
Total		\$177,700

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$14,700			\$18,900
Interior Architecture	\$3,200	\$7,800	\$1,600	\$12,300
Electrical	\$1,800	\$1,700	\$1,300	\$1,300
Mechanical	\$2,500	\$4,800	\$3,900	\$4,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$26,100	\$18,300	\$10,800	\$41,300
Importance Code A	\$15,600	\$1,000	\$1,000	\$19,900
Importance Code B	\$10,500	\$17,300	\$8,900	\$21,400
Importance Code C			\$900	
Total	\$26,100	\$18,300	\$10,800	\$41,300



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.

Asset # : 14461

Architecture		Current	ASSEL#.14		o Poplocement		laintananaa	
		Current I	-		e Replacement		laintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
terior								
Exterior Walls								
Cast Stone/Terra Cotta	80%			LIFE	* *	5	\$177,700	
Metal Panel	5%			2055	* *	5-10	\$9,800	
Granite Panels		Now	\$3,200	LIFE	* *	5	\$1,100	
		Crumbling, : Through	Extent : Moderate out	, Area Aj	ffected : 5%			
Window Wall	10%			2049	* *	5	\$10,700	
Windows								
Aluminum	95%			2045	* *	5	\$5,700	
Metal Louvers	5%			2038	* *	10	\$1,900	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	\$1,600	
Metal Rail	5%			2046	* *	5-10	\$1,700	
Pre-Cast Concrete	10%			LIFE	* *	5	\$1,200	
Roof								
Metal Panel	-	Now	\$10,800	2049	* *			
		/Rusting, E : Stair Bu	xtent : Severe, Are Ikhead	a Affecte	d : 100%			
		etration, E : Stair Bu	xtent : Moderate, A Ikhead	Area Affe	cted : 10%			
Single Ply Membrane	75%			2034	* *	10	\$13,600	
Skylight, Metal/Glass	20%			2049	* *	10	\$12,100	
Soffits				,			+,	
Exposed Struc: Steel	50%			LIFE	* *	5	\$500	
Glass: Special Gauge	50%			LIFE	* *	1		
1 0		ervation, E : Facade	Extent : Light, Area	Affected	: 100%			
	Explana	tion : Alum	imum Fins On Stru	ctural St	teel			
erior Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$3,300	
Ceramic Tile	5%			2038	* *	5	\$1,500	
Panel/Paver: Cer/Brk	5%			2045	* *	5	\$3,400	
Sheet Vinyl/Rubber	55%			2034	* *	5	\$24,600	
Vinyl Tile	30%			2034	* *	3	\$3,400	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	\$1,800	
Concrete Masonry Unit	5%			LIFE	* *	5	\$700	
Glass: Single Pane	5%			LIFE	* *	5	\$1,300	
Gypsum Board	75%			LIFE	* *	5	\$16,100	
Wood	10%			LIFE	* *	5	\$14,300	
Ceilings								
AcousTileSusp.Lay-In	45%			2042	* *	5	\$13,400	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	50%		\$3,200	LIFE	* *	5	\$18,600	
			xtent : Moderate, A	Area Affe	cted : 5%			
		: Stair Bu						

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Asset # : 14461

Architecture		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ite Enclosure							
Fence/Gates							
Iron Picket	100%		2064	* *			
ite Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2042	* *			
On-Site Walkways							
Pavers/Stone	100%		2038	* *			
		Current Densin	-	- Douloosuusut			
Electrical		Current Repair	Futur	e Replacement		aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Jnder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2055	* *	5	\$100	
	Other Obs	ervation, Extent : Light, Area	Affected	: 100%			
	Location	a : Electrical Room					
	Explana	tion : Main Service Bolted Pre	essure Sv	vitch Rated At 160	0 Ampere	<i>25</i> .	
Switchgear / Switchboard							
Fused Disc Sw	100%		2055	* *	5	\$100	
	Other Obs	ervation, Extent : Light, Area	Affected	: 100%			
	Location	a : Electrical Room					
	Explana	tion : 1- Vertical Section					
Raceway							
Conduit	100%		2055	* *	1		
Panelboards							
Fused Disc Sw	5%		2051	* *	5		
Molded Case Bkrs	95%		2051	* *	5	\$500	
Wiring							
			0055	* *	1		
Thermoplastic	100%		2055	* *	1		
Thermoplastic Motor Controllers	100%		2055	* * 	1		
-	100%		2055	* *	5		
Motor Controllers						\$400	
Motor Controllers Locally Mounted	20%		2046	* *	5	\$400	
Motor Controllers Locally Mounted Motor Control Center	20%		2046	* *	5	\$400	

Lighting

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Asset # : 14461

lectrical		Current Repair	Futur	e Replacement	Μ	aintenance	
vstem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ghting							
Interior Lighting					10	* • • • • • •	
Fluorescent	55%		2037	* *	10	\$10,000	
		s And Fixtures, Extent : Light, a : Reading Areas, 1st And 2nd		ectea : 100%			
Fluorescent	30%		2037	* *	10	\$5,500	
	•	s And Fixtures, Extent : Light, a : Throughout The Building	Area Aff	ected : 100%			
Fluorescent	10%		2037	* *	10	\$1,800	
	· ·	Fluorescent Light, Extent : Lig 1 : Throughout The Building	ght, Area	Affected : 100%			
LED	5%		2037	* *			
Egress Lighting			• • •			<u> </u>	
Emergency, Battery	50%		2037	* *	10	\$2,400	
Exit, LED	50%		2064	* *	1		
Exterior Lighting LED	25%		2037	* *			
No Component	23% 75%		2037				
larm	1070						
Security System							
No Component	70%						
Generic	30%		2037	* *	1	\$2,200	
		ervation, Extent : Light, Area		: 100%			
		: Reading Areas And Outside		1.7	a .		
Eine/Succlas Data dian	Explana	tion : CCTV Surveillance Can	ieras And	a Intrusion Alarm	System		
Fire/Smoke Detection Generic, Digital	100%		2037	* *	1-3	\$12,300	
Generic, Digital		ervation, Extent : Light, Area		: 100%	1-5	\$12,500	
		: Throughout The Building					
		tion : Strobe Lights, Manual H	Pull Static	ons, Alarm Bells, S	Smoke De	etectors And Horns	
lechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
ystem Component	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Component Type	Total	(Years)	FY		(Yrs)		
eating							
Energy Source							
Natural Gas	100%		2055	* *	1		
Conversion Equipment							
Furnace	70%		2034	* *	1	\$6,900	
	Other Obs	ervation, Extent : Light, Area	Affected	: 70%			
		a : 2 Are On Lower Roof, One	Is On H	igher Roof			
		tion : 3 Package Units.					
Hot Water Boiler	30%		2042	* *	1	\$3,000	
		ervation, Extent : Light, Area	Affected	: 30%			
		: Basement Boiler Room					
	Explana	tion : 2 Units					

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.

Asset # : 14461

		ASSEL # . 14					
Mechanical	Current R	epair	Futur	e Replacement	М	aintenance	
System		Estimated Cost		Estimated Cost	Cyclo	Estimated Cost	Priority
Component	Total (Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	1110110
Туре	iour (iours)				(115)		
Ieating							
Distribution							
Hot Wtr Piping/Pump	30%		2051	* *	4	\$300	
No Component	70%						
Terminal Devices							
Convector/Radiator	30%		2042	* *	1	\$1,900	
No Component	70%						
Air Conditioning							
Energy Source							
Electricity	100%		2051	* *	1		
Conversion Equipment							
Ext Pkg Unit -	90%		2034	* *	2	\$1,100	
Heating/Cooling				1000/			
	Other Observation, Ex	-					
	Location : 2 Are On	-					
	Explanation : 3 Pack	kage Units, R-410		-			
Split Unit	10%		2034	* *			
	Other Observation, Ex	tent : Light, Area	Affected	: 10%			
	Location : Roof						
	Explanation : 2 Unit	s, R-410a					
Terminal Devices						*	
Fan Coil - 2 Pipe	10%		2034	* *	1	\$600	
No Component	90%						
Heat Rejection	1000/			ala ala		* • • • • • •	
Air Cooled Condenser	100%		2034	* *	2	\$13,900	
Unit		, , <u>, ,</u> , , ,	100 1	1000/			
	Other Observation, Ex		Ајјестеа	: 100%			
	Location : Higher Re	-					
7	Explanation : 3 Unit	S					
Ventilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2.5	\$11.100	
	100%		LIFE		2-5	\$11,100	
Exhaust Fans	100%		2024	* *	2	¢(00	
Roof	10070		2034		2	\$600	
Plumbing H/C Water Piping							
Brass/Copper	100%		2049	* *	1		
Water Heater	10070		2049		1		
Electric	100%		2027	\$17,400	4	\$100	
Electric	Other Observation, Ex	tent · Light Area			4	\$100	
	Location : Basement	-	лујестей	. 10070			
	Explanation : 1 Unit						
Sanitary Piping		To Guilons					
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070		LIFE		1		
Cast Iron	100%		LIFE	* *	1		
	10070		LIFE		1		
Sewage Ejector(s)	100%		2037	* *	Λ	\$1,200	
Electric	10070		2037	·•• ••	4	\$1,200	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Asset # : 14461

Mechanical	Current Repair	Future Repla	acement	М	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Backflow Preventer						
Generic	100%	2037	* *	1	\$1,200	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Lig	ht, Area Affected : 100%	6			
	Location : Basement To 2nd F	loor				
	Explanation : 1 Unit					
Fire Suppression						
Sprinkler						
Generic	100%	2055	* *	1-2	\$5,600	

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

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address		BAY BRANCH LIBRARY STRAND AVE. NEAR AVI	FNUE W		
Borough Program / Asset # Area Sq Ft Date of Survey	: BROOK : BPL0K44 : 14,885 : 03-Oct-20	LYN 4.000 / 13254 017	Agency's Number Yr Built/Renovated Project Type Landmark Status	: 44 : 1962 / 1999 : BROOKLYN PUBLI : NONE	IC LIBRARY
Areas Surveyed Block	: Basemen : 7405	t, Roof, Floors 1,2 Lot : 920	BIN	: 3202630	
CAPITAL Exterior Architec Electrical Mechanical	ture		FY 2021 - 2024 \$374,700 \$48,900		FY 2025 - 2030 \$264,900
Total			\$423,600		\$264,900
Importance Code Importance Code			\$374,700 \$48,900		\$264,900
Total			\$423,600		\$264,900
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec Interior Architect Electrical Mechanical Elevators/Escalat	ure	\$2,500 \$3,700 \$400 \$3,100 \$3,900	\$3,800 \$500 \$1,000 \$3,900	\$800 \$400 \$4,300 \$3,900	\$5,700 \$2,500 \$700 \$3,900
Total		\$13,800	\$9,300	\$9,300	\$12,900
Importance Code Importance Code Importance Code	В	\$3,300 \$10,500	\$700 \$8,600	\$700 \$8,400 \$200	\$6,500 \$6,400
Total		\$13,800	\$9,300	\$9,300	\$12,900



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

Asset # : 13254

rchitecture		Current Repair		Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date Estin (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	\$22,100	
Masonry: Granite	5%			LIFE	* *	5	\$900	
Windows								
Aluminum	70%	0-2	\$2,500	2037	* *	5	\$300	
		etration, Extent :			cted : 30%			
	Location	: West Facade, S	taff Work Ro	oom				
Glass Block	30%			LIFE	* *	5	\$200	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	\$1,000	
Metal Panel	10%			2039	* *	5	\$1,000	
No Component	50%							
Roof								
Modified Bitumen	80%	Now	\$299,700	2039	* *			1
	Alligatorii	ng, Extent : Model		fected :	35%			
		: Throughout						
	Blisters, E	xtent : Moderate,	Area Affecte	ed : 40%				
		: Throughout						
		Evident, Extent : N	Aoderate, Ar	ea Affect	ted : 25%			
	-	: Throughout						
		etration, Extent :	Severe, Area	a Affecte	d : 30%			
		: Throughout		00				
Modified Bitumen	20%			2024	\$74,900	10	\$5,200	
					4, 1,,, 00		<i>+-,</i> .	
Soffits								
Soffits Exposed Struc: Steel	100%			LIFE	* *	5		
Exposed Struc: Steel	100%			LIFE	* *	5		
Exposed Struc: Steel	100%			LIFE	* *	5		
Exposed Struc: Steel	<u>100%</u> 5%			LIFE 2038	**		\$1,100	
Exposed Struc: Steel terior Floors Ceramic Tile	5%			2038		5	\$1,100 \$1,700	
Exposed Struc: Steel terior Floors	5% 5%			2038 2042	* *	5 5	\$1,700	
Exposed Struc: Steel terior Floors Ceramic Tile Quarry Tile Terrazzo	5% 5% 5%			2038 2042 LIFE	* *	5	\$1,700 \$900	
Exposed Struc: Steel terior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile	5% 5%			2038 2042	* * * *	5 5 5	\$1,700	
Exposed Struc: Steel terior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls	5% 5% 5% 85%			2038 2042 LIFE 2034	* * * *	5 5 5	\$1,700 \$900	
Exposed Struc: Steel terior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete	5% 5% 5% 85%			2038 2042 LIFE 2034 LIFE	* * * * * * * *	5 5 5 3	\$1,700 \$900 \$7,100	
Exposed Struc: Steel terior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile	5% 5% 5% 85% 5%			2038 2042 LIFE 2034 LIFE 2038	* * * * * * * *	5 5 5	\$1,700 \$900 \$7,100 \$400	
Exposed Struc: Steel terior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board	5% 5% 5% 85%			2038 2042 LIFE 2034 LIFE	* * * * * * * * * *	5 5 3 5	\$1,700 \$900 \$7,100	
Exposed Struc: Steel terior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile	5% 5% 5% 85% 5%			2038 2042 LIFE 2034 LIFE 2038	* * * * * * * * * *	5 5 3 5	\$1,700 \$900 \$7,100 \$400	
Exposed Struc: Steel terior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board Ceilings AcousTile,Adhered	5% 5% 5% 85% 5% 90%	Now	\$3,300	2038 2042 LIFE 2034 LIFE 2038 LIFE	* * * * * * * * * * * *	5 5 3 5 5	\$1,700 \$900 \$7,100 \$400 \$4,100 \$1,100	
Exposed Struc: Steel terior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board Ceilings	5% 5% 5% 5% 5% 90% 5% 85% Staining/E	Now Discoloring, Exten : Throughout		2038 2042 LIFE 2034 LIFE 2038 LIFE 2042 2042	** ** ** ** ** ** ** **	5 5 3 5 5 5	\$1,700 \$900 \$7,100 \$400 \$4,100	
Exposed Struc: Steel terior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board Ceilings AcousTile,Adhered	5% 5% 5% 5% 5% 90% 5% 85% Staining/L Location Water Per	oiscoloring, Exten	t : Moderate	2038 2042 LIFE 2034 LIFE 2038 LIFE 2042 2042 , <i>Area Aj</i>	** ** ** ** ** Cfected : 5%	5 5 3 5 5 5	\$1,700 \$900 \$7,100 \$400 \$4,100 \$1,100	
Exposed Struc: Steel terior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board Ceilings AcousTile,Adhered AcousTileSusp.Lay-In	5% 5% 5% 85% 5% 90% 5% 85% Staining/L Location Water Pen Location	viscoloring, Exten : Throughout etration, Extent : : Throughout	t : Moderate Moderate, A	2038 2042 LIFE 2034 LIFE 2038 LIFE 2042 2042 , Area Aj	** ** ** ** ** Cfected : 5%	5 5 3 5 5 5 5	\$1,700 \$900 \$7,100 \$400 \$4,100 \$1,100 \$9,500	
Exposed Struc: Steel terior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board Ceilings AcousTile,Adhered	5% 5% 5% 85% 5% 90% 5% 85% Staining/L Location Water Pen Location 10%	viscoloring, Exten : Throughout etration, Extent :	t : Moderate Moderate, A \$500	2038 2042 LIFE 2034 LIFE 2038 LIFE 2042 2042 , Area Aj rea Affe LIFE	** ** ** ** ** ffected : 5% cted : 5% **	5 5 3 5 5 5	\$1,700 \$900 \$7,100 \$400 \$4,100 \$1,100	

Site Enclosure

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

Asset # : 13254

			3254				
Architecture		Current Repair	Futur	re Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ite Enclosure							
Fence/Gates							
Chain Link	75%		2039	* *			
Iron Picket	25%		2064	* *			
Free Standing Walls							
Masonry: Brick	100%		2049	* *			
Retaining Walls	1000/		2064	* *			
Cast in Place Concrete	100%		2064				
ite Pavements Public Sidewalk							
Cast in Place Concrete	100%		2042	* *			
Cast III Flace Colletete		Crumbling, Extent : Light, Ar		ad . 5%			
	-	: Throughout	eu Ajjeen	eu . 570			
On-Site Walkways	Locuiton	. Iniougnoui					
Cast in Place Concrete	100%		2042	* *			
Parking/Driveway	10070		2042				
Asphalt	100%		2038	* *			
	10070		2050				
Electrical		Current Repair	Futur	re Replacement	М	aintenance	
System	% of	Fail Date Estimated Cost	Vear	Estimated Cost	Cycle	Estimated Cost	Priorit
Component	Total	(Years)	FY	Listimated Cost	(Yrs)	Listinated Cost	1110110
Туре					. ,		
Jnder 600 Volts							
Service Equipment	• • • • •		• • • • •		_		
Fused Disc Sw	30%		2039	* *	5		
		ervation, Extent : Light, Area	Affected	: 100%			
		: Electrical Room			<i>a</i> 1		
			D .				
		tion : One 400 Amperes Main				on	
Fused Disc Sw	70%		2029	\$1,100	Conditio 5	on	
Fused Disc Sw	70% Other Obs	ervation, Extent : Light, Area	2029	\$1,100		<u></u>	
Fused Disc Sw	70% Other Obs Location	ervation, Extent : Light, Area : Electrical Room Basement	2029 Affected	\$1,100 1 : 100%	5		
	70% Other Obs Location	ervation, Extent : Light, Area	2029 Affected	\$1,100 1 : 100%	5		
Switchgear / Switchboard	70% Other Obs Location Explanat	ervation, Extent : Light, Area : Electrical Room Basement	2029 Affected Disconn	\$1,100 1 : 100% hect Switch For The	5 e Main Bi	uilding	
Switchgear / Switchboard Molded Case Bkrs	70% Other Obs Location	ervation, Extent : Light, Area : Electrical Room Basement	2029 Affected	\$1,100 1 : 100%	5		
Switchgear / Switchboard Molded Case Bkrs Raceway	70% Other Obso Location Explanat 100%	ervation, Extent : Light, Area : Electrical Room Basement	2029 Affected Disconn 2039	\$1,100 1 : 100% nect Switch For The * *	5 <u>e Main Br</u> 5	uilding	
Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	70% Other Obs Location Explanat	ervation, Extent : Light, Area : Electrical Room Basement	2029 Affected Disconn	\$1,100 1 : 100% hect Switch For The	5 e Main Bi	uilding	
Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards	70% Other Obs Location Explanat 100%	ervation, Extent : Light, Area : Electrical Room Basement	2029 Affected Disconn 2039 2039	\$1,100 1 : 100% hect Switch For The * * * *	5 e Main Bi 5 1	uilding	
Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw	70% Other Obs Location Explanat 100% 100% 5%	ervation, Extent : Light, Area : Electrical Room Basement	2029 Affected Disconn 2039 2039 2037	\$1,100 1 : 100% nect Switch For The ** **	5 2 Main Bu 5 1 5	uilding	
Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Fused Disc Sw	70% Other Obs Location Explanat 100% 100% 5% 5%	ervation, Extent : Light, Area : Electrical Room Basement	2029 Affected Disconn 2039 2039 2037 2028	\$1,100 1 : 100% hect Switch For The ** ** ** \$800	5 2 Main Bi 5 1 5 5 5	uilding \$400	
Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Fused Disc Sw Molded Case Bkrs	70% Other Obs Location Explanat 100% 100% 5%	ervation, Extent : Light, Area : Electrical Room Basement	2029 Affected Disconn 2039 2039 2037	\$1,100 1 : 100% nect Switch For The ** **	5 2 Main Bu 5 1 5	uilding	
Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Fused Disc Sw Molded Case Bkrs Wiring	70% Other Obs Location Explanat 100% 100% 5% 5% 90%	ervation, Extent : Light, Area : Electrical Room Basement	2029 Affected Disconn 2039 2039 2037 2028 2037	\$1,100 l : 100% hect Switch For The * * * * * * \$800 * *	5 2 Main Bi 5 1 5 5 5 5	uilding \$400	
Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic	70% Other Obs Location Explanat 100% 100% 5% 5% 90%	ervation, Extent : Light, Area : Electrical Room Basement	2029 Affected Disconn 2039 2039 2037 2028 2037 2028 2037 2039	\$1,100 hect Switch For The ** ** ** \$800 **	5 2 Main Bi 5 1 5 5 5 1 1	uilding \$400	
Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Thermoplastic	70% Other Obs Location Explanat 100% 100% 5% 5% 90%	ervation, Extent : Light, Area : Electrical Room Basement	2029 Affected Disconn 2039 2039 2037 2028 2037	\$1,100 l : 100% hect Switch For The * * * * * * \$800 * *	5 2 Main Bi 5 1 5 5 5 5	uilding \$400	
Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic	70% Other Obs Location Explanat 100% 100% 5% 5% 90%	ervation, Extent : Light, Area : Electrical Room Basement	2029 Affected Disconn 2039 2039 2037 2028 2037 2028 2037 2039	\$1,100 hect Switch For The ** ** ** \$800 **	5 2 Main Bi 5 1 5 5 5 1 1	uilding \$400	

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

Asset # : 13254

Electrical	Current Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)		Estimated Cost		Estimated Cost	Priority
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
	Other Observation, Extent : Light, Ar	ea Affectea	: 100%			
	Location : Basement					
	Explanation : Water Main					
Lighting						
Interior Lighting LED	100%	2037	* *			
Egress Lighting	100%	2037				
Egress Lighting Emergency, Battery	50%	2034	* *	10	\$1,800	
Exit, Service	50%	2034	* *	10	\$1,000	
Exterior Lighting	5070	2001		1		
HID	100%	2037	* *	10		
Alarm		/		•		
Security System						
No Component	80%					
Generic	20%	2029	\$9,500	1	\$1,100	
Fire/Smoke Detection						
No Component	70%					
Generic, Analog	30%	2024	\$48,900	1-3	\$2,800	
Mechanical	Current Repair	Futur	e Replacement	M	laintenance	
linoonanioan						
System	9/ of Fail Data Estimated Car	4 Vaar		Carala		Duitanita
Component	% of Fail Date Estimated Cos Total (Years)		Estimated Cost		Estimated Cost	Priority
Туре	% of Fail Date Estimated Cos Total (Years)	t Year FY		Cycle (Yrs)		Priority
Component Type Heating						Priority
Component Type Heating Energy Source	Total (Years)	FY	Estimated Cost	(Yrs)		Priority
Component Type Heating Energy Source Natural Gas						Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment	Total (Years)	FY 2039	Estimated Cost	(Yrs)	Estimated Cost	Priorit
Component Type Heating Energy Source Natural Gas	Total (Years) 100% 100%	FY 2039 2029	Estimated Cost * * \$34,700	(Yrs)		Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment	Total (Years) 100% 100% Other Observation, Extent : Light, Ar	FY 2039 2029	Estimated Cost * * \$34,700	(Yrs)	Estimated Cost	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment	Total (Years) 100% 100%	FY 2039 2029	Estimated Cost * * \$34,700	(Yrs)	Estimated Cost	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace	Total (Years) 100% 100% Other Observation, Extent : Light, Ar- Location : Roof	FY 2039 2029	Estimated Cost * * \$34,700	(Yrs)	Estimated Cost	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace	Total (Years) 100% 100% Other Observation, Extent : Light, Ar- Location : Roof	FY 2039 2029	Estimated Cost * * \$34,700	(Yrs)	Estimated Cost	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace	Total (Years) 100% 100% Other Observation, Extent : Light, Ar- Location : Roof	FY 2039 2029	Estimated Cost * * \$34,700	(Yrs)	Estimated Cost	Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment	Total (Years) 100% 100% Other Observation, Extent : Light, Arc Location : Roof Explanation : 2 Package Units 100%	FY 2039 2029 ea Affectea 2045	Estimated Cost ** \$34,700 : 100% **	(Yrs)	Estimated Cost \$7,400	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Total (Years) 100% 100% Other Observation, Extent : Light, Arr Location : Roof Explanation : 2 Package Units	FY 2039 2029 ea Affectea	Estimated Cost * * \$34,700	(Yrs)	Estimated Cost	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment	Total (Years) 100% 100% Other Observation, Extent : Light, Arc Location : Roof Explanation : 2 Package Units 100% 100% 100%	FY 2039 2029 ea Affectea 2045 2029	Estimated Cost ** \$34,700 2 : 100% ** \$184,600	(Yrs) 1 1 1 1	Estimated Cost \$7,400	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Total (Years) 100% 100% Other Observation, Extent : Light, Are Location : Roof Explanation : 2 Package Units 100% 100% 100% R-22 Refrigerant, Extent : Light, Area Location : Roof	FY 2039 2029 ea Affectea 2045 2029 Affected :	Estimated Cost ** 334,700 : 100% ** \$184,600 100%	(Yrs) 1 1 1 1	Estimated Cost \$7,400	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Total (Years) 100% 100% Other Observation, Extent : Light, Arc Location : Roof Explanation : 2 Package Units 100% 100% 100% Comparison of the state o	FY 2039 2029 ea Affectea 2045 2029 Affected :	Estimated Cost ** 334,700 : 100% ** \$184,600 100%	(Yrs) 1 1 1 1	Estimated Cost \$7,400	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Total (Years) 100% 100% Other Observation, Extent : Light, Arc Location : Roof Explanation : 2 Package Units 100% 100% 100% Cocation : Roof Cocation : Roof Other Observation, Extent : Light, Area Location : Roof Other Observation, Extent : Light, Area Location : Roof	FY 2039 2029 ea Affectea 2045 2029 Affected :	Estimated Cost ** 334,700 : 100% ** \$184,600 100%	(Yrs) 1 1 1 1	Estimated Cost \$7,400	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling	Total (Years) 100% 100% Other Observation, Extent : Light, Arc Location : Roof Explanation : 2 Package Units 100% 100% 100% Comparison of the street of the	FY 2039 2029 ea Affectea 2045 2029 Affected :	Estimated Cost ** 334,700 : 100% ** \$184,600 100%	(Yrs) 1 1 1 1	Estimated Cost \$7,400	Priorit
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Total (Years) 100% 100% Other Observation, Extent : Light, Arc Location : Roof Explanation : 2 Package Units 100% 100% 100% Cocation : Roof Cocation : Roof Other Observation, Extent : Light, Area Location : Roof Other Observation, Extent : Light, Area Location : Roof	FY 2039 2029 ea Affectea 2045 2029 Affected :	Estimated Cost ** 334,700 : 100% ** \$184,600 100%	(Yrs) 1 1 1 1	Estimated Cost \$7,400	Priority

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.

Asset # : 13254

Mechanical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$8,300	
Exhaust Fans						
Roof	100%	2029	\$24,500	2	\$500	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Electric	100%	2027	\$13,000	4	\$100	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
	Other Observation, Extent : Light, Area Location : Court Yard	a Affected	: 3%			
	Explanation : According To The Main Connected To A Dry Well, Not To The			Drain In	Court Yard Is	
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s)						
Electric	100%	2034	* *	4	\$900	
	Other Observation, Extent : Light, Area					
	Location : Basement Mechanical Equ	ipment Ro	oom			
	Explanation : 1 Unit					
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Light, Area	a Affected	: 100%			
	Location : Basement To 2nd Floor					
	Explanation : 1 Unit					

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 : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Total		\$95,100	\$325,200
Mechanical			\$301,200
Electrical			\$24,000
Exterior Architect	ure	\$95,100	
CAPITAL		FY 2021 - 2024	FY 2025 - 2030
Block	: 6783 Lot : 68	BIN	: 3182576
Areas Surveyed	: Basement, Roof, Floors 1,2		
Date of Survey	: 27-Oct-2017	Landmark Status	: NONE
Area Sq Ft	: 23,822	Project Type	: BROOKLYN PUBLIC LIBRARY
Program / Asset #	: BPL0004.000 / 4206	Yr Built/Renovated	: 1962 / 2009
Borough	: BROOKLYN	Agency's Number	: 45
Address	: 2115 OCEAN AVE. @KINGS HIG	HWAY	
Asset Name	: KINGS HIGHWAY BRANCH LI	BRARY	

Total	\$95,100	\$325,200
Importance Code B		\$325,200
Importance Code A	\$95,100	

		EV 0000	EV 0000	
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$19,400			\$28,300
Interior Architecture		\$11,600	\$900	
Electrical	\$2,000	\$2,100	\$1,600	\$1,600
Mechanical	\$5,900	\$5,300	\$4,700	\$4,800
Site Enclosure	\$1,600			
Site Pavements	\$2,800			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$35,600	\$22,900	\$11,100	\$38,600
Importance Code A	\$20,500	\$1,200	\$1,200	\$29,500
Importance Code B	\$10,600	\$21,700	\$10,000	\$9,200
Importance Code C	\$4,400			
Total	\$35,600	\$22,900	\$11,100	\$38,600



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

Asset # : 4206

Architecture	Currer	nt Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Fail Da Total (Years	te Estimated Cost 8)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior							
Exterior Walls Masonry: Brick	Location : Throu	\$95,100 rod, Extent : Moderate ghout , Extent : Light, Area A		-	5	\$29,800	
		en And Office In Basen					
Masonry: Limestone	2%		LIFE	* *	5	\$500	
Metal Panel	5%		2049	* *	5-10	\$11,400	
Window Wall	3%		2049	* *	5	\$3,700	
Windows	1000/		2015		-	* 4 < 6 6	
Aluminum	100%		2045	* *	5	\$4,600	
Parapets Masonry: Brick	80% Now Jnt Mortar Miss/En Location : Throu	\$19,400 rod, Extent : Moderate	LIFE e, Area A	* * Affected : 15%	5	\$3,200	
	Location : Throu	ent : Moderate, Area A					
Masonry: Limestone	15%		LIFE	* *	5	\$700	
Metal Panel	5%	_	2049	* *	5	\$800	
Roof Modified Bitumen	100%		2034	* *	10	\$22,000	
Soffits	100%		2034		10	\$22,900	
Metal Panel	1000/						
	100%		2049	* *	5-10		
terior	100%		2049	* *	5-10		
Floors				* *	5-10		
Floors Cast in Place Concrete	10%		LIFE	* *	5	\$7,800	
Floors Cast in Place Concrete Ceramic Tile	10% 5%		LIFE 2038	* * * *	5 5	\$1,800	
Floors Cast in Place Concrete Ceramic Tile Terrazzo	10% 5% 5%		LIFE 2038 LIFE	* * * * * *	5 5 5	\$1,800 \$1,400	
Floors Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile	10% 5%		LIFE 2038	* * * *	5 5	\$1,800	
Floors Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls	10% 5% 5% 80%		LIFE 2038 LIFE 2034	* * * * * * * *	5 5 5 3	\$1,800 \$1,400 \$10,700	
Floors Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane	10% 5% 5% 80% 5%		LIFE 2038 LIFE 2034 LIFE	* * * * * * * *	5 5 3 5	\$1,800 \$1,400 \$10,700 \$2,100	
Floors Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane Gypsum Board	10% 5% 5% 80% 5% 20%		LIFE 2038 LIFE 2034 LIFE LIFE	* * * * * * * * * *	5 5 5 3	\$1,800 \$1,400 \$10,700	
Floors Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane Gypsum Board Masonry: Fieldstone	10% 5% 5% 80% 5% 20% 5%		LIFE 2038 LIFE 2034 LIFE LIFE LIFE	* * * * * * * *	5 5 3 5 5	\$1,800 \$1,400 \$10,700 \$2,100 \$6,800	
Floors Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane Gypsum Board Masonry: Fieldstone Plaster	10% 5% 5% 80% 5% 20% 5% 5%		LIFE 2038 LIFE 2034 LIFE LIFE LIFE LIFE	* * * * * * * * * * * * * *	5 5 3 5	\$1,800 \$1,400 \$10,700 \$2,100	
Floors Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane Gypsum Board Masonry: Fieldstone Plaster SGFT/Glazed Masonry	10% 5% 5% 80% 5% 20% 5%		LIFE 2038 LIFE 2034 LIFE LIFE LIFE	* * * * * * * * * * * * * * * *	5 5 3 5 5	\$1,800 \$1,400 \$10,700 \$2,100 \$6,800	
Floors Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane Gypsum Board Masonry: Fieldstone Plaster SGFT/Glazed Masonry Ceilings	10% 5% 5% 80% 5% 20% 5% 50% 20%		LIFE 2038 LIFE 2034 LIFE LIFE LIFE LIFE	* * * * * * * * * * * * * * * *	5 5 5 3 5 5 5	\$1,800 \$1,400 \$10,700 \$2,100 \$6,800 \$8,400	
Floors Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane Gypsum Board Masonry: Fieldstone Plaster SGFT/Glazed Masonry Ceilings AcousTileSusp.Lay-In	10% 5% 5% 80% 5% 20% 5% 50% 20% 45%		LIFE 2038 LIFE 2034 LIFE LIFE LIFE LIFE LIFE 2042	* * * * * * * * * * * * * * * * * *	5 5 5 3 5 5 5 5	\$1,800 \$1,400 \$10,700 \$2,100 \$6,800 \$8,400 \$16,000	
Floors Cast in Place Concrete Ceramic Tile Terrazzo Vinyl Tile Interior Walls Glass: Single Pane Gypsum Board Masonry: Fieldstone Plaster SGFT/Glazed Masonry Ceilings	10% 5% 5% 80% 5% 20% 5% 50% 20%		LIFE 2038 LIFE 2034 LIFE LIFE LIFE LIFE	* * * * * * * * * * * * * * * * * * * *	5 5 5 3 5 5 5	\$1,800 \$1,400 \$10,700 \$2,100 \$6,800 \$8,400	

Site Enclosure

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

Asset # : 4206

	A3561#.	4200		
Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	-	Cycle Estimated Cost (Yrs)	Priorit
ite Enclosure				
Fence/Gates				
Chain Link	85% 4+ \$1,600 Broken/Missing Elements, Extent : Mo Location : Rear And Side Yard Corrosion/Rusting, Extent : Moderate Location : Rear And Side Yard Impact Damage, Extent : Light, Area Location : Rear Yard	oderate, Area Affected : 5% 2, Area Affected : 20%		
Iron Picket	15%	2064 **		
Free Standing Walls Masonry: Brick	100% Other Observation, Extent : Moderate Location : Side Yard Explanation : Staining, Particle Pol			
Retaining Walls	Explanation : Stanning, 1 article 1 of	iuiion		
Cast in Place Concrete	100%	2073 **		
ite Pavements On-Site Walkways Cast in Place Concrete	100% 2-4 \$2,800 Misaligned/Bulging, Extent : Modera Location : Rear And Side Yard			
Parking/Driveway Asphalt	100%	2038 **		
Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)		Cycle Estimated Cost (Yrs)	Priorit
Inder 600 Volts Service Equipment				
Fused Disc Sw	100% Other Observation, Extent : Light, Ar Location : Electrical Room	2055 * * ea Affected : 100%	5 \$100	
	Other Observation, Extent : Light, Ar	ea Affected : 100%		
	Other Observation, Extent : Light, Ar Location : Electrical Room Explanation : Main Service Disconn 100% Other Observation, Extent : Light, Ar Location : Electrical Room	ea Affected : 100% nect Switch Rated At 1200 Am 2055 **		
Fused Disc Sw Switchgear / Switchboard Fused Disc Sw	Other Observation, Extent : Light, Ar Location : Electrical Room Explanation : Main Service Disconn 100% Other Observation, Extent : Light, Ar	ea Affected : 100% nect Switch Rated At 1200 Am 2055 **	peres	
Fused Disc Sw Switchgear / Switchboard	Other Observation, Extent : Light, Ar Location : Electrical Room Explanation : Main Service Disconn 100% Other Observation, Extent : Light, Ar Location : Electrical Room	ea Affected : 100% nect Switch Rated At 1200 Am 2055 **	peres	
Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway	Other Observation, Extent : Light, Ar Location : Electrical Room Explanation : Main Service Disconn 100% Other Observation, Extent : Light, Ar Location : Electrical Room Explanation : 1- Vertical Section	ea Affected : 100% nect Switch Rated At 1200 Am 2055 ** ea Affected : 100%	<i>peres</i> 5 \$100	
Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw	Other Observation, Extent : Light, Ar Location : Electrical Room Explanation : Main Service Disconn 100% Other Observation, Extent : Light, Ar Location : Electrical Room Explanation : 1- Vertical Section 100% 5%	ea Affected : 100% nect Switch Rated At 1200 Am 2055 ** ea Affected : 100% 2055 ** 2055 **	<i>peres</i> 5 \$100	
Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards	Other Observation, Extent : Light, Ar Location : Electrical Room Explanation : Main Service Disconn 100% Other Observation, Extent : Light, Ar Location : Electrical Room Explanation : 1- Vertical Section 100%	ea Affected : 100% nect Switch Rated At 1200 Am 2055 ** ea Affected : 100% 2055 **	<i>peres</i> 5 \$100 1	

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

Asset # : 4206

			5501 # . 44					
Electrical		Current Repa	ir	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2046	* *	5	\$100	
Locally Mounted	50%			2027	\$24,000	5	\$100	
Ground								
Grounding Devices	1000/				* *	-	¢ 400	
Generic	100%			LIFE	• •	5	\$400	
Lighting Interior Lighting								
LED	100%			2037	* *			
		ervation, Exten	t : Light, Area		: 100%			
		: Throughout T	-	55				
		ion : LED Ligh	-					
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	\$2,900	
Exit, Service	50%			2037	* *	1		
Exterior Lighting								
LED	30%			2037	* *			
No Component	70%							
Alarm								
Security System No Component	70%							
Generic	30%			2037	* *	1	\$2,700	
		ervation, Exten	t : Light, Area		: 100%	-	\$2,700	
		: Inside And O	-	55				
	Explanat	on : CCTV Sur	veillance Can	ieras				
Fire/Smoke Detection	_							
Generic, Digital	100%			2037	* *	1-3	\$14,700	
		ervation, Exten	-	Affected	1:100%			
		: Throughout T	0					
	Explanat	on : Strobe Lig	hts, Manual F	'ull Staio	ons, Alarm Bells, Si	moke Dei	tectors And Horns	
Mechanical		Current Repa	ir	Futur	e Replacement	Μ	aintenance	
System	% of	Fail Date Est			Estimated Cost		Estimated Cost	Priority
Component	Total	(Years)	imated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	Priority
Туре	1000	(10005)				(115)		
Heating								
Energy Source	1000/			2040	* *	1		
Natural Gas	100%			2049		1		
Conversion Equipment Hot Water Boiler	100%			2042	* *	1	\$11,800	
Hot water Doner		ervation, Exten	t•Light Area			1	φ11,000	
		: Basement Bo	-		. 100/0			
		ion : 2 Units						
Distribution	4							
Hot Wtr Piping/Pump	100%			2045	* *	4	\$1,800	

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.

Asset # : 4206

Mechanical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating								
Terminal Devices								
Air Handler	40%			2034	* *	1	\$5,900	
Convector/Radiator	60%			2042	* *	1	\$4,600	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment Int Pkg Unit - Heating/Cooling	60%			2030	\$301,200	2	\$900	
	-	-	tent : Light, Area A se And 2nd Floor N			n		
Exterior Pkg Unit - Cooling	40%			2034	* *	2	\$600	
8	R-22 Refri Location		tent : Light, Area A	ffected :	40%			
Heat Rejection								
Air Cooled Condenser	60%			2034	* *	2	\$10,000	
Unit								
No Component	40%							
Ventilation								
Distribution	1000/						.	
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,300	
Exhaust Fans	0.50/			2027	* *	•	#7 00	
Interior	95%			2037	* *	2	\$700	
Roof	5%			2034	* *	2		
lumbing								
H/C Water Piping	1000/			2040	* *	1		
Brass/Copper	100%			2049	4. 4.	1		
Water Heater	1000/			2027	¢14 400	2	¢200	
Gas Fired	100%			2027	\$14,400	2	\$300	
Sanitary Piping	100%			LIFE	* *	1		
Cast Iron	100%			LIFE		1		
Storm Drain Piping Cast Iron		0-2 ervation, E : South Ex	\$2,500 Extent : Moderate, 2 cit	LIFE Area Affe	* * ected : 5%	1		
			ge Piping Is Under	Sized C	ausing Water To B	ackup W	hen It Rains	
Sewage Ejector(s)	1				0	1		
Electric	100%			2034	* *	4	\$1,400	
Backflow Preventer								
	1000/			2024	* *	1	\$1,500	
Generic	100%			2034		1	\$1,500	
Generic Fixtures	100%			2034		1	\$1,500	

Vertical Transport

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

Asset # : 4206

Mechanical	Current Repair	Future R	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Light, Area	a Affected : 1	00%			
	Location : Basement To 2nd Floor					
	Explanation : 1 Unit					
Fire Suppression						
Sprinkler						
No Component	70%					
Generic	30%	2049	* *	1-2	\$2,000	

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

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name	: LEONARD BI	RANCH LIBF	ARY	
Address	: 81 DEVOE ST.	. @ LEONAR	D ST.	
Borough	: BROOKLYN		Agency's Number	: 46
Program / Asset #	: BPL0L46.000 /	13255	Yr Built/Renovated	l : 1908 / 1986
Area Sq Ft	: 10,688		Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 09-Apr-2018		Landmark Status	: NONE
Areas Surveyed	: Basement, Floo	ors 1		
Block	: 2762 I	Lot : 21	BIN	: 3068818
CAPITAL			FY 2021 - 2024	FY 2025 - 2030

FY 2021 - 2024	FY 2025 - 2030
\$183,700	\$147,900
\$35,400	\$117,900
\$42,700	
\$305,900	
\$73,600	
\$641,300	\$265,800
\$183,700	\$147,900
\$457,500	\$117,900
\$641,300	\$265,800
	\$183,700 \$35,400 \$42,700 \$305,900 \$73,600 \$641,300 \$183,700 \$457,500

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$56,900			\$600
Interior Architecture	\$26,400		\$400	\$1,600
Electrical	\$37,100	\$700	\$700	\$11,900
Mechanical	\$23,500	\$2,300	\$4,500	\$9,000
Site Enclosure	\$4,700			
Site Pavements	\$14,900			
Total	\$163,400	\$2,900	\$5,600	\$23,100
Importance Code A	\$57,400	\$500	\$500	\$1,100
Importance Code B	\$80,100	\$2,400	\$4,700	\$21,900
Importance Code C	\$25,900		\$400	
Total	\$163,400	\$2,900	\$5,600	\$23,100



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.

Asset # : 13255

rchitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
stem Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	4+	\$15,500	LIFE	* *	5	\$8,100	
	-	-	Extent : Moderate	, Area A	ffected : 10%			
	Location :	-						
Masonry: Brick	85%	4+	\$112,100	LIFE	**	5	\$17,600	
			l, Extent : Moderat	e, Area A	Affected : 30%			
	Location :	-						
Masonry: Limestone	5%	0-2	\$11,900	LIFE	**	5	\$800	
	Location :	-	Extent : Moderate	, Area A	ffected : 15%			
				2024	* *		¢1.000	
Stucco Cement		Now	\$6,300	2034		5	\$1,300	
	-	-	Extent : Moderate t Level Areaways	, Area A	ijectea : 20%			
Windows	Locution .	Dusemen	i Levei Areuwuys					
Aluminum	90%	Now	\$71,700	2054	* *	5	\$800	
Auminum			ct, Extent : Moderd		Affected : 80%	5	\$600	
	Location :				1			
		0	Extent : Moderate,	Area Af	fected : 50%			
	Location :			55				
	Other Obser	rvation, E	xtent : Moderate, A	Area Affe	ected : 100%			
	Location :	Through	out					
	Explanatio	on : Therr	nally Inefficient					
Steel	10%	Now	\$9,900	2054	* *	5	\$1,100	
		-	xtent : Moderate, A	1rea Affe	ected : 50%			
	Location :							
			Extent : Moderate	e, Area A	ffected : 50%			
	Location :			1.00	1 500/			
	-		ent : Moderate, Are	a Affecte	ed : 50%			
Devenueta	Location :	Dusemen	ı					
Parapets Masonry: Brick	80%			LIFE	* *	5	\$900	
Masonry: Limestone	15%	Now	\$900	LIFE	* *	5	\$200	
musoni y. Ennesione			d, Extent : Modera		Affected : 5%	5	φ200	
	Location :			.,	JJ			
Metal Rail	5%		-	2034	* *	5-10	\$1,000	
Roof						- 10	\$1,000	
Modified Bitumen	60%			2029	\$147,900	10	\$10,300	
Slate	40%	0-2	\$12,300	LIFE	* *			
	Gut/DS Nor	Func/Mi	ss, Extent : Moder	ate, Area	Affected : 50%			
	Location :	Through	out					

Interior

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

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

Asset # : 13255

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Floors	100/				ate ate	-	#2 400	
Cast in Place Concrete Ceramic Tile	10% 5%	4+	¢1 (00	LIFE 2032	* *	5	\$3,400	
Ceramic The			\$1,600 Sents Extent · Mod		ea Affected : 10%	5	\$400	
		: Through		<i>cruic</i> , 11	eu nyceieu : 1070			
Vinyl Tile	85%	Now	\$35,400	2029	\$117,900	3	\$4,900	
2	Loose Uni	ts, Extent :	Moderate, Area A	ffected :	10%			
		: Basemer						
			: Moderate, Area	Affected	: 50%			
T . 1 TT 11	Locatior	: Basemer	at					
Interior Walls Ceramic Tile	5%			2038	* *	5	\$700	
Concrete Masonry Unit	10%			LIFE	* *	5	\$600	
Masonry: Brick	10%	4+	\$6,000	LIFE	* *	5	4000	
5			xtent : Moderate, 4		ected : 5%			
	Location	: Basemen	nt					
Plaster	70%			LIFE	* *	5	\$3,100	
Plaster	5%	4+	\$300	LIFE	* *	5	\$200	
		-	: Moderate, Area	Affected	: 5%			
	Location	: Meeting	Room					
Ceilings AcousTileConcealSpLn	70%	0-2	\$18,500	2034	* *	5	\$6,700	
	Cracking/		Extent : Moderate		ffected : 10%	5	\$6,700	
	Loose/Del	am Surface	e, Extent : Moderat	e, Area A	Affected : 20%			
			oor, Basement					
			Extent : Moderate	e, Area A	ffected : 30%			
		: First Flo	oor		* *	_		
Exposed Concrete	10% 20%			LIFE	* *	5 5	\$200 \$1,900	
Plaster	20%			LIFE		3	\$1,900	
Fence/Gates								
Iron Picket	100%			2064	* *			
Free Standing Walls								
Masonry: Brick		Now	\$4,700	2049	* *			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		: At Entra	nce Extent : Moderate	Area 1	flaated . 200/			
		: At Entra		, лгеи л	<i>Jecieu</i> . 5070			
			Extent : Moderate,	Area Af	fected : 30%			
	-	: At Entra		55				
te Pavements								
Public Sidewalk			b - c -	• • • •				
Cast in Place Concrete		Now Countries	\$73,600 Eutont - Madagat	2042	**			
	-	Crumbling, : Leonard	Extent : Moderate Street	e, Area A	<i>[]eciea : 30%</i>			
	Locuior	. Leonuru	511661					

Sole : 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.

Asset # : 13255

Architecture		Curropt	ASSEL # : 13		o Poplacement		aintonance	
		Current	-		e Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lite Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2034	* *			
Parking/Driveway Asphalt	Location Other Obs Location	: Drivewa		Ū	-			
Electrical		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Under 600 Volts								
Service Equipment Fused Disc Sw	Location	: Electric	Extent : Light, Area al Room 400 Ampere Main I			5		
Switchgear / Switchboard Molded Case Bkrs	100%		^	2029	\$34,200	5	\$300	
Raceway	10070			2029	\$37,200	5	\$500	
Conduit	100%			2029	\$33,200	1		
Panelboards								
Fused Disc Sw	5%			2028	\$800	5		
Molded Case Bkrs	95%			2028	\$15,000	5	\$300	
Wiring Braided Cloth		-	\$26,400 ent : Moderate, Are out The Building	2054 a Affecte	* * ed : 100%	1		
Thermoplastic	10%			2029	\$2,900	1		
Motor Controllers Locally Mounted	100%			2027	\$32,000	5	\$100	
bround								
Grounding Devices Generic	Location		-	LIFE Affected	* * 7 : 100%	5	\$200	
ighting	-							
Interior Lighting Fluorescent			res, Extent : Light, out The Building	2034 Area Afj	* * fected : 100%	10	\$9,800	

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

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

Asset # : 13255

Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting	= 0.0 /		• • • •			*1 * **	
Emergency, Battery	50%		2034	* *	10	\$1,300	
Exit, Service	50%		2034		1		
Exterior Lighting HID	100%		2024	\$42,700	10		
Alarm	10070		2021	\$12,700	10		
Security System							
Generic	100%		2034	* *	1	\$4,000	
		ervation, Extent : Light, Are	a Affected	: 100%			
		: Throughout The Building	-			~	
	Explana	tion : CCTV Surveillance Ca	meras, In	trusion Alarm And	Motion S	Sensor	
Fire/Smoke Detection	70%						
No Component Generic, Digital	70% 30%		2034	* *	1-3	\$2,000	
	5070		2034		1-5	\$2,000	
Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cvcle	Estimated Cost	Priorit
Component Type	Total	(Years)	FY		(Ýrs)		
Heating							
Energy Source							
Natural Gas	100%		2039	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2046	* *	1	\$5,300	
Hot Water Boiler	Other Obs	ervation, Extent : Light, Are			1	\$5,300	
Hot Water Boiler	Other Obs Location	: Basement Boiler Room			1	\$5,300	
	Other Obs Location	-			1	\$5,300	
Distribution	Other Obs Location Explana	: Basement Boiler Room	a Affected	1 : 100%			
Distribution Hot Wtr Piping/Pump	Other Obs Location	: Basement Boiler Room			1	\$5,300 \$500	
Distribution Hot Wtr Piping/Pump Terminal Devices	Other Obs Location Explana 100%	: Basement Boiler Room	a Affected	\$16,500	4	\$500	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Other Obs Location Explana 100% 40%	: Basement Boiler Room	a Affected 2028 2024	\$16,500 \$59,600	4	\$500 \$2,600	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	Other Obs Location Explana 100%	: Basement Boiler Room	a Affected	\$16,500	4	\$500	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Other Obs Location Explana 100% 40%	: Basement Boiler Room	a Affected 2028 2024	\$16,500 \$59,600	4	\$500 \$2,600	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity	Other Obs Location Explana 100% 40%	: Basement Boiler Room tion : 1 Unit	a Affected 2028 2024	\$16,500 \$59,600	4	\$500 \$2,600	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment	Other Obs Location Explana 100% 40% 60%	: Basement Boiler Room tion : 1 Unit	a Affected 2028 2024 2027 2037	* * 100% \$16,500 \$59,600 \$34,000	4 1 1 1	\$500 \$2,600 \$2,100	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating	Other Obs Location Explana 100% 40% 60%	: Basement Boiler Room tion : 1 Unit	a Affected 2028 2024 2027	\$16,500 \$59,600 \$34,000	4	\$500 \$2,600	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment	Other Obs Location Explana 100% 40% 60% 100%	: Basement Boiler Room tion : 1 Unit	a Affected 2028 2024 2027 2037 2024	2 : 100% \$16,500 \$59,600 \$34,000 * * \$89,900	4 1 1 1	\$500 \$2,600 \$2,100	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating	Other Obs Location Explana 100% 40% 60% 100% R-22 Refr	: : Basement Boiler Room tion : 1 Unit	a Affected 2028 2024 2027 2037 2024	2 : 100% \$16,500 \$59,600 \$34,000 * * \$89,900	4 1 1 1	\$500 \$2,600 \$2,100	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating	Other Obs Location Explana 100% 40% 60% 100% R-22 Refr	: Basement Boiler Room tion : 1 Unit	a Affected 2028 2024 2027 2037 2024	2: 100% \$16,500 \$59,600 \$34,000 * * \$89,900	4 1 1 1	\$500 \$2,600 \$2,100	

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.

Asset # : 13255

Mechanical		Current Repair		Futur	e Replacement	Μ	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	\$21,400	2039	* *	2	\$6,000	
	Other Obse	ervation, E	xtent : Light, Area	Affected	: 100%			
	Location	: Roof	-					
	Explanati	ion : 2 Exte	ended Life Time U	nits				
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,000	
Exhaust Fans								
Interior	100%			2024	\$37,700	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater								
Gas Fired	100%			2024	\$6,500	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%	_		LIFE	* *			
			xtent : Light, Area	Affected	: 100%			
			t To 1st Floor					
	Explanati	ion : 1 Nev	v Installed 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 : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name	: MACON BRANCH LIBRARY		
Address	: 361 LEWIS AVE. @ MACON ST.		
Borough	: BROOKLYN	Agency's Number	: 47
Program / Asset #	: BPL0M47.000 / 13256	Yr Built/Renovated	: 1907 / 2008
Area Sq Ft	: 12,960	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 23-Oct-2017	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,mez		
Block	: 1665 Lot : 1	BIN	: 3046408

	FY 2021 - 2024		FY 2025 - 2030
	\$207,000		\$68,300
			\$289,200
	\$207,000		\$357,500
	\$207,000		\$68,300
			\$289,200
	\$207,000		\$357,500
FY 2021	FY 2022	FY 2023	FY 2024
\$66,300	\$1,700		\$400
	\$3,600	\$1,000	\$6,800
\$400	\$500	\$400	\$2,000
\$11,900	\$1,400	\$2,900	\$8,700
\$3,900	\$3,900	\$3,900	\$3,900
\$82,600	\$11,200	\$8,200	\$21,900
\$67,000	\$2,400	\$600	\$1,000
\$15,600	\$8,800	\$7,000	\$20,800
		\$600	
\$82,600	\$11,200	\$8,200	\$21,900
	\$66,300 \$400 \$11,900 \$3,900 \$82,600 \$67,000 \$15,600	\$207,000 \$207,000 \$207,000 \$207,000 \$207,000 \$207,000 \$207,000 \$207,000 \$207,000 \$3,600 \$1,700 \$3,600 \$1,700 \$3,600 \$1,400 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900 \$3,900	\$207,000 \$207,000 \$207,000 \$207,000 FY 2021 FY 2022 FY 2023 \$66,300 \$1,700 \$3,600 \$1,000 \$400 \$500 \$400 \$11,900 \$1,400 \$2,900 \$3,9



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.

MACON BRANCH LIBRARY Asset # : 13256

	4	Asset # : 13	200				
rchitecture	Current Repair Future Replacement			Maintenance			
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls Masonry: Brick	85% Now Spalling, Extent : Ligh Location : Througho Worn/Eroded, Extent :	ut		**	5	\$10,600	
	Location : Througho	ut					
Masonry: Limestone	15% Now Cracking/Crumbling, J Location : South Fac Staining/Discoloring, J Location : Cornice	cade	-	-	5	\$1,400	
Windows							
Wood	100%		2045	* *	5	\$34,100	
Parapets					_		
Cast Stone/Terra Cotta	5% 4+ Cracking/Crumbling, Location : Roof	\$1,300 Extent : Light, Are	LIFE ea Affecte	* * ed : 5%	5	\$1,500	
Masonry: Brick	45% Now Cracking/Crumbling, Location : Througho Spalling, Extent : Mod Location : Througho Worn/Eroded, Extent : Location : Througho	ut lerate, Area Affect ut · Moderate, Area 2	ed : 20%	<u>/</u> 0	5	\$1,700	
Masonry: Limestone	45% Now Staining/Discoloring, Location : Througho Worn/Eroded, Extent : Location : Througho	ut [.] Light, Area Affec	-	-	5	\$2,200	
Metal Panel	5%		2039	* *	5	\$700	
Roof							
Metal Panel Modified Bitumen Slate	5% 25% 70% Now Broken/Missing Eleme	\$47,700 Ents Extent · Mod	2042 2029 LIFE erate Ar	* * \$68,300 * * ea Affected : 10%	10 10	\$1,700 \$4,800	
	Location : East Side Cracking/Crumbling, I Location : East Side Water Penetration, Ex Location : Various L	Of Roof Extent : Moderate Of Roof tent : Moderate, A	, Area Aj Irea Affe	ffected : 5%			

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

MACON BRANCH LIBRARY

Asset # : 13256

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								
Soffits	200/		* 4 2 00		de de	-	\$ 222	
Cast in Place Concrete	30%		\$4,300	LIFE	**	5	\$900	
			ent, Extent : Severe tair Landing Macor		ijectea : 15%			
Masonry: Limestone	70%	4+	\$4,900	LIFE	* *	5	\$300	
		etration, E : Entrance	Extent : Light, Area e	Affected	: 25%			
nterior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$1,800	
Ceramic Tile	5%			2038	* *	5	\$800	
Panel/Paver: Cer/Brk	5%			2037	* *	5	\$1,900	
Sheet Vinyl/Rubber	55%			2034	* *	5	\$13,600	
Vinyl Tile	30%			2034	* *	3	\$1,900	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	\$1,100	
Gypsum Board	30%			LIFE	* *	5	\$4,000	
Plaster	50%			LIFE	* *	5	\$3,300	
	0	0	, Extent : Moderate	, Area A	ffected : 15%			
	Location	: Stairway	y, Heritage Center					
Wood	15%			LIFE	* *	5	\$13,400	
Ceilings								
AcousTileSusp.Lay-In	25%			2042	* *	5	\$4,100	
Gypsum Board	10%			LIFE	* *	5	\$2,100	
Plaster	65%			LIFE	* *	5	\$6,700	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2064	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+		2049	* *			
			, Extent : Severe, A	rea Affec	cted : 2%			
	Location	: Rear Of	Building					
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

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.

MACON BRANCH LIBRARY

Asset # : 13256

Electrical		Current Repair Future Replacement Maintena			aintenance		
System Component Type	% of Total	Fail Date Estimated Co (Years)	st Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Service Equipment							
Air Circuit Breaker	Location	ervation, Extent : Light, A : Electrical Room tion : One 800 Amperes M			5	\$100	
Switchgear / Switchboard	1	T					
Air Circuit Breaker	100%		2049	* *	5	\$100	
Raceway Conduit	100%		2049	* *	1		
Panelboards							
Fused Disc Sw	5%		2045	* *	5		
Molded Case Bkrs	95%		2045	* *	5	\$300	
Wiring Thermoplastic	100%		2049	* *	1		
Motor Controllers Locally Mounted	100%		2042	* *	5	\$100	
round							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
ighting Interior Lighting Fluorescent		ervation, Extent : Light, A		* * 100%	10	\$3,000	
	Explana	: Throughout The Buildin tion : T-8 Lamps	g				
Fluorescent		Fluorescent Light, Extent : : Hallway Basement	2037 Light, Area A	* * ffected : 100%	10	\$600	
LED	70%		2037	* *			
Egress Lighting Emergency, Battery	50%		2034	* *	10	\$1,600	
Exit, LED	50%		2057	* *	1		
Exterior Lighting	1000/		0004	* *	10		
HID	100%		2034	* *	10		
larm Security System No Component	70%						
Generic	70% 30%		2034	* *	1	\$1,500	
Fire/Smoke Detection							
No Component	70%						
Generic, Digital	30%		2034	* *	1-3	\$2,400	
lechanical		Current Repair	Future	Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Co (Years)	st Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori

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.

MACON BRANCH LIBRARY

Asset # : 13256

Mechanical	Current Repair Future Replacement					aintenance		
System Component Type	% of Total	Fail Date Estimated C (Years)	cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Ieating								
Energy Source								
Natural Gas	100%		2049	* *	1			
Conversion Equipment								
Furnace	40%		2029	\$12,100	1	\$2,600		
	Location	ervation, Extent : Light, 2 : Roof ion : 1 Rooftop Unit	Area Affected	: 100%				
Hot Water Boiler	<u>60%</u>		2034	* *	1	\$3,800		
That water Boller		ervation, Extent : Light, A			1	\$5,800		
		: Basement Boiler Room		. 10070				
		ion : 2 Gas Fired Modul		Roilers				
Distribution	ылриании		a, 110, 1, uici	2011015				
Hot Wtr Piping/Pump	60%		2037	* *	4	\$600		
No Component	40%		2007		•	\$000		
Terminal Devices	1070							
Convector/Radiator	40%		2042	* *	1	\$1,700		
No Component	60%		2012		1	\$1,700		
Air Conditioning	0070							
Energy Source								
Electricity	100%		2045	* *	1			
Conversion Equipment	10070		20.0		-			
Ext Pkg Unit - Heating/Cooling	50%	0-2 \$4,0	00 2029	\$80,400	2	\$300		
	Not in Serv Location	vice, Extent : Moderate, 2 : Roof	Area Affected	: 10%				
	R-22 Refrig	gerant, Extent : Light, Ar : Roof	rea Affected :	100%				
Split Unit	50%		2029	\$137,100				
		gerant, Extent : Light, Ar : 4 Units, Basement	rea Affected :	100%				
Terminal Devices Air Handler/Dir Expansion	50%		2029	\$71,800	1			
No Component	50%							
Heat Rejection								
Air Cooled Condenser	50%		2029	\$12,900	2	\$4,500		
Unit								
No Component	50%							
rentilation								
Distribution								
Ductwork/Diffusers	100%	0-2 \$5,9		* *	2-5	\$7,200		
		ning, Extent : Moderate : Main Floor	, Area Affecte	2d : 25%				
Exhaust Fans								
Interior	50%		2029	\$22,800	2	\$200		
Roof	50%		2029	\$10,700	2	\$200		

Plumbing

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

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

Asset # : 13256

Mechanical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
lumbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Gas Fired	100%	2024	\$7,800	2	\$200	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2022	\$400	4	\$400	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
•	Other Observation, Extent : Lig	ght, Area Affected :	100%			
	Location : Basement, Street,	lst, Mezzanine				
	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.

BROOKLYN PUBLIC LIBRARY - FY 2020 Print Date : 12-Sep-2019

Asset Name	: MAPLETON BRANCH LIBRARY		
Address	: 1702 60TH ST. @17TH AVENUE		
Borough	: BROOKLYN	Agency's Number	: 49
Program / Asset #	: BPL0M49.000 / 13257	Yr Built/Renovated	: 1955 / 2005
Area Sq Ft	: 19,821	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 20-Sep-2017	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 5518 Lot : 4	BIN	: 3132091

CAPITAL		FY 2021 - 2024		FY 2025 - 2030
Exterior Architecture		\$520,400		
Interior Architecture				\$77,900
Mechanical				\$808,900
Total		\$520,400		\$886,800
Importance Code A		\$520,400		
Importance Code B				\$886,800
Total		\$520,400		\$886,800
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$28,400	\$1,700		
Interior Architecture	\$79,400	\$16,300	\$1,400	\$9,500
Electrical	\$1,500	\$1,900	\$1,600	\$22,300
Mechanical	\$2,600	\$1,400	\$3,900	\$1,400
Site Enclosure	\$2,500			
Site Pavements	\$4,200			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$122,600	\$25,300	\$10,800	\$37,200
Importance Code A	\$29,400	\$2,700	\$1,000	\$1,000
Importance Code B	\$90,700	\$22,600	\$9,500	\$36,200
Importance Code C	\$2,500		\$300	
Total	\$122,600	\$25,300	\$10,800	\$37,200



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.

Asset # : 13257

rchitecture	Current Repair Future Replacement			Μ		
vstem Component Type	% of Fail Date Estin Total (Years)	mated Cost Years	ar Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior						
Exterior Walls	000/ Nam	¢(0,200 I IE	Г **	5	¢21 400	
Masonry: Brick	90% Now Diagonal Cracks, Extent : Location : Bulkhead Stair		L	5	\$21,400	
	Jnt Mortar Miss/Erod, Extended States Location : Throughout		ea Affected : 10%			
	Loose Units, Extent : Mode Location : Bulkhead Stain		l : 5%			
	Misaligned/Bulging, Exten Location : Bulkhead Stair	r And Chimney				
	Water Penetration, Extent Location : Bulkhead	: Light, Area Affect	ted : 10%			
Masonry: Limestone	10% Jnt Mortar Miss/Erod, Exte Location : Main Entrance	0 11	fected : 5%	5	\$1,800	
Windows						
Aluminum	90% Condensation Present, Ext Location : Throughout Deteriorated Finish, Exten		fected : 15%	5	\$3,400	
	Location : Throughout	i . Ligni, Area Ajje	cieu . 1570			
Metal Louvers	10%	203	8 **	10	\$2,400	
Parapets						
Masonry: Brick	90% Now Water Penetration, Extent Location : Various Locat	ions Throughout	cted : 40%	5	\$3,900	
	Other Observation, Extent Location : Throughout Explanation : Covered In					
Masonry: Limestone	10% Now	\$28,400 LIF	_	5	\$500	
Masoni y. Ennestone	Jnt Mortar Miss/Erod, Ext Location : Coping At Chi	ent : Moderate, Are	L	5	\$500	
	Water Penetration, Extent Location : Throughout	: Severe, Area Affe	cted : 30%			
	Other Observation, Extent Location : Throughout					
	Explanation : Covered In	Tarp To Keep Rai	n Water Out			

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.

Asset # : 13257

Architecture		Current Rep	pair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Roof	1000/		**	• • • • •				
Modified Bitumen	Location Patching E Location	xtent : Moder : Throughout Evident, Exten : Throughout	t : Moderate, Ai t	rea Affeci	* * ted : 25%			
	-	-	Area Affected :	10%				
	Water Pen		t ent : Moderate, 2 Adjacent To Ele		cted : 5%			
Soffits								
Metal Panel	100%			2049	* *	5-10		
nterior								
Floors								
Carpet	0	4+ iscoloring, E: : Throughout	\$77,200 xtent : Moderate t	2025 2, Area A <u>j</u>	\$257,400 ffected : 25%	3	\$28,600	
		led, Extent : 1 : 2nd Floor	Moderate, Area	Affected :	· 20%			
Cast in Place Concrete	15%			LIFE	* *	5	\$11,400	
Ceramic Tile	2%			2032	* *	5	\$700	
Terrazzo	2%			LIFE	* *	5	\$500	
Vinyl Tile	25%			2029	\$77,900	3	\$3,200	
Wood	1%			2057	* *	5	\$700	
Interior Walls								
Ceramic Tile	3%			2038	* *	5	\$600	
Concrete Masonry Unit	25%			LIFE	* *	5	\$2,000	
Glass: Single Pane	2%			LIFE	* *	5	\$300	
Gypsum Board	50%			LIFE	* *	5	\$5,900	
Marble Panels	5%			LIFE	* *	_	* • • • •	
Plaster	15%			LIFE	* *	5	\$900	
Ceilings	000/			2042	* *	-	¢21.200	
AcousTileSusp.Lay-In	90%			2042	* *	5	\$31,200	
Exposed Concrete	7%	NT	¢2.200	LIFE	* *	5	\$400	
Gypsum Board			\$2,200 ent : Moderate, 2	LIFE Area Affe		5	\$1,300	
ite Enclosure		-						
Fence/Gates								
Iron Picket	100%	4+	\$2,500	2064	* *			
	Corrosion/ Location	: Throughout	ent : Light, Area t	Affected				
		ed Finish, Ex : Throughout	tent : Moderate, t	Area Aff	ected : 10%			

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.

Asset # : 13257

		Asset # : 13	237				
Architecture		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ite Enclosure							
Free Standing Walls	000/		0040	ata ata			
Masonry: Brick	90%		2049	* *			
		r Miss/Erod, Extent : Light, Ar : : Throughout	ea Affec	eted : 5%			
Masonry: Fieldstone	10%		2049	* *			
		r Miss/Erod, Extent : Light, Ar : : Throughout	ea Affec	eted : 5%			
Retaining Walls	1000/		2064	* *			
Cast in Place Concrete	100%		2064	* *			
Site Pavements Public Sidewalk							
Cast in Place Concrete	100%	4+ \$4,200	2042	* *			
		Crumbling, Extent : Moderate,		ffected : 5%			
	-	: Throughout					
On-Site Walkways							
Cast in Place Concrete	100%		2046	* *			
Parking/Driveway							
Asphalt	100%		2038	* *			
Electrical			F(Devlessment		-:	
		Current Repair		e Replacement		aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2029	\$1,600	5	\$100	
		ervation, Extent : Light, Area	Affected	! : 100%			
		: Electrical Room					
	Explana	tion : One 800 Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard	•						
Fused Disc Sw							
	40%		2029	\$13,700	5		
	40% 60%		2029 2029	\$13,700 \$20,500	5 5	\$300	
Molded Case Bkrs	40% 60%		2029 2029	\$13,700 \$20,500		\$300	
						\$300	
Molded Case Bkrs Raceway	60%		2029	\$20,500	5	\$300	
Molded Case Bkrs Raceway Conduit Conduit Panelboards	60% 70%		2029 2029	\$20,500 \$23,200	5	\$300	
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw	60% 70% 30% 5%		2029 2029 2049 2028	\$20,500 \$23,200 ** \$800	5 1 1 5		
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs	60% 70% 30% 5% 30%		2029 2029 2049 2028 2028	\$20,500 \$23,200 ** \$800 \$4,700	5 1 1 5 5	\$200	
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	60% 70% 30% 5%		2029 2029 2049 2028	\$20,500 \$23,200 ** \$800	5 1 1 5		
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring	60% 70% 30% 5% 30% 65%		2029 2029 2049 2028 2028 2028 2045	\$20,500 \$23,200 ** \$800 \$4,700 **	5 1 1 5 5 5 5	\$200	
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic	60% 70% 30% 5% 30% 65% 30%		2029 2029 2049 2028 2028 2028 2045 2029	\$20,500 \$23,200 ** \$800 \$4,700 ** \$8,800	5 1 1 5 5 5 5 1	\$200	
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic Thermoplastic	60% 70% 30% 5% 30% 65%		2029 2029 2049 2028 2028 2028 2045	\$20,500 \$23,200 ** \$800 \$4,700 **	5 1 1 5 5 5 5	\$200	
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic	60% 70% 30% 5% 30% 65% 30%		2029 2029 2049 2028 2028 2028 2045 2029	\$20,500 \$23,200 ** \$800 \$4,700 ** \$8,800	5 1 1 5 5 5 5 1	\$200	

Ground

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.

Asset # : 13257

	Asse	t#:13257				
Electrical	Current Repair	Future R	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
round			•			
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
Lighting						
Interior Lighting	800/	2024	* *	10	¢14.500	
Fluorescent	80% Other Observation, Extent : Lu Location : Throughout The E			10	\$14,500	
	Explanation : T-8 Lamps	2024	* *	10	\$ 000	
Fluorescent	5%	2034		10	\$900	
	Compact Fluorescent Light, E. Location : 1st And 2nd Floor		lected : 100%			
Fluorescent	15%	2034	* *	10	\$2,700	
	T-5 Lamps And Fixtures, Exten Location : 1st And 2nd Floor		ed : 100%			
Egress Lighting	500/	2024	ate ate	10	*2 1 00	
Emergency, Battery	50%	2034	* *	10	\$2,400	
Exit, LED	45%	2057	* *	1		
Exit, Service	5%	2034	4.4.	1		
Exterior Lighting HID	100%	2034	* *	10	\$100	
Alarm Security System No Component Generic	50% 50%	2034	* *	1	\$3,700	
Fire/Smoke Detection Generic, Digital	100%	2034	* *	1-3	\$12,200	
Mechanical	Current Repair	Future R	leplacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)		stimated Cost		Estimated Cost	Priorit
Ieating			•			
Energy Source Natural Gas	100%	2039	* *	1		
Conversion Equipment Furnace	50%	2029	\$23,100	1	\$4,900	
	Other Observation, Extent : La Location : Penthouse Explanation : 2 Units	ght, Area Affected : 5	0%			
Hot Water Boiler	50% Other Observation, Extent : Li	2034 ight, Area Affected : 5	* *	1	\$4,900	
	Location : Basement Boiler I Explanation : 1 Unit					
Distribution	Ŷ				,*	
Hot Wtr Piping/Pump	50%	2037	* *	4	\$700	
No Component	50%	2007		•	\$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.

Asset # : 13257

Mechanical	Current Repair Future Replacement Maintenance					aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating							
Terminal Devices							
Convector/Radiator	50%		2042	* *	1	\$3,200	
No Component	50%						
Air Conditioning							
Energy Source							
Electricity	100%		2037	* *	1		
Conversion Equipment							
Interior Pkg Unit -	80%		2027	\$587,400	2	\$1,000	
Cooling							
2	R-22 Refrig	gerant, Extent : Light, Area A	Iffected : 80	%			
	Location	: 2 Units In Penthouse					
Split Unit	20%		2029	\$83,800			
Spin Olin		gerant, Extent : Light, Area A					
		: 3 Units, Various Locations					
Terminal Devices							
Fan Coil - 2 Pipe	20%		2029	\$74,700	1	\$1,300	
No Component	20% 80%		2029	\$74,700	1	\$1,500	
Heat Rejection	8070						
Dry Cooler	20%		2029	\$21,400	2	\$2,800	
	20% 80%		2029	\$21,400	2	\$2,800	
No Component Ventilation	80%						
Distribution Ductwork/Diffusers	100%		LIFE	* *	2.5	¢11 100	
	100%		LIFE		2-5	\$11,100	
Exhaust Fans	000/		2020	¢(2 ,000	2	¢ 700	
Interior	90%		2029	\$62,900	2	\$500	
Roof	10%		2029	\$3,300	2	\$100	
lumbing							
H/C Water Piping	1000/		• • • •				
Brass/Copper	100%		2039	* *	1		
Water Heater							
Gas Fired	100%		2027	\$12,000	2	\$300	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
/ertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
-		ervation, Extent : Light, Area		00%			
		: Basement To 2nd Floor					
		on : 1 Unit					

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address	: 617 DEK	BRANCH LI ALB AVE. @]			. 50	
Borough Program / Asset #	· BROOK	59.000 / 13258		Agency's Number Yr Built/Renovated	:59 :1968 / 2002	
Area Sq Ft	· BFLOWIS : 7,500	9.000 / 13238		Project Type	BROOKLYN PUBI	ICLIBRARV
Date of Survey	: 30-May-2	2019		Landmark Status	: NONE	
Areas Surveyed	: Roof, Flo					
Block	: 1774	Lot	: 81	BIN	: 3049472	
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture			\$132,100		
Mechanical						\$148,500
Total				\$132,100		\$148,500
Importance Code	A			\$132,100		
Importance Code						\$148,500
Total				\$132,100		\$148,500
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$11,800		\$200	
Interior Architect	ure		\$25,300		\$4,200	\$500
Electrical			\$16,600	\$500	\$500	\$600
Mechanical			\$3,100	\$1,300	\$1,300	\$1,100
Site Enclosure			\$11,700			
Site Pavements			\$13,800			
Total			\$82,400	\$1,800	\$6,200	\$2,300
Importance Code	А		\$12,100	\$300	\$500	\$300
Importance Code			\$35,000	\$1,500	\$5,700	\$1,900
Importance Code	С		\$35,300			\$100
Total			\$82,400	\$1,800	\$6,200	\$2,300



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.

MARCY BRANCH LIBRARY

Asset #: 13258

Architecture	Current F	Current Repair Future Replacement				Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior								
Exterior Walls								
Cast in Place Concrete	10% Now	\$9,900	LIFE	* *	5	\$8,300		
	Exposed Reinforceme Location : North Fa		ate, Area	Affected : 5%				
	Spalling, Extent : Mo		$tad \cdot 5\%$					
	Location : North Fa	•••	<i>ieu</i> . 570					
Masonry: Brick	85% Now	\$44,800	LIFE	* *	5	\$14,000		
Wasoni y. Drick	Broken/Missing Elem			fected : 5%	5	\$14,000		
	Location : South Fa	-	.,)				
	Diagonal Cracks, Ext	ent : Moderate, A	rea Affect	ed : 15%				
	Location : Southeas	t Corner						
	Horizontal Cracks, Ex	ctent : Moderate, 2	Area Affec	cted : 10%				
	Location : Southeas	t Corner						
Metal Panel	3%		2050	* *	5-10	\$3,400		
Granite Panels	2% 0-2	\$1,900	LIFE	* *	5	\$200		
	Cracking/Crumbling,		e, Area Af	fected : 10%				
	Location : South Fa	cade						
Windows	750/		2020	* *	5	\$500		
Aluminum Aluminum	75% 25%		2038 2046	* *	5 5	\$500 \$200		
Aluminum	Other Observation, E.	xtent · Light Area		· 100%	5	\$200		
	Location : South Fa	-	1.jjeereu					
	Explanation : Staine	ed Glass						
Roof								
Modified Bitumen	100% Now	\$87,300	2035	* *				
	Blisters, Extent : Moderate, Area Affected : 30% Location : Various Locations Throughout							
~	Location : Various I	Locations Through	nout					
Soffits Exposed Struc: Steel	1000/		LIEE	* *	5			
nterior	100%		LIFE		5			
Floors								
Cast in Place Concrete	5%		LIFE	* *	5	\$2,300		
Ceramic Tile	5%		2039	* *	5	\$500		
Sheet Vinyl/Rubber	80%		2035	* *	5	\$12,500		
Vinyl Tile	10%		2030	\$9,400	3	\$500		
Interior Walls								
Ceramic Tile	3%	A -	2039	* *	5	\$300		
Concrete Masonry Unit		\$19,600	LIFE	* *	5	\$3,300		
	Horizontal Cracks, Ex		area Affec	cted : 15%				
	Location : I T Close Vertical Cracks, Exter		a Affaata	d · 150/				
	Location : I T Close		α Αγρετίει	ı. 1 <i>37</i> 0				
Gungum Doord	5%		LIEE	* *	5-10	\$800		
Gypsum Board	J70		LIFE		3-10	2900		

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.

MARCY BRANCH LIBRARY Asset # : 13258

			Asset # : 13	8258				
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
nterior								
Ceilings	000/			0040	ate ate	-	\$6.200	
AcousTileSusp.Lay-In	80%			2043	* *	5	\$8,300	
Exposed Concrete	5% 15%			LIFE LIFE	* *	5-10 5-10	\$700 \$5,400	
Gypsum Board ite Enclosure	1370			LIFE		3-10	\$3,400	
Fence/Gates								
Chain Link	Broken/Mi Location	: West Pro	perty Line		* * ea Affected : 20%			
	-	mage, Exte : West Pro	nt : Moderate, Are perty Line	ea Affecte	ed : 10%			
Iron Picket	50%			2065	* *			
Retaining Walls								
Masonry: Brick	Misaligned Location Other Obs	: East Part ervation, E	xtent : Moderate, .					
		: East Par	-	<i>T</i> D (¹	$\cdot W H C \cdot$		1	
Site Pavements	Explanal	ion : Tree	srowing Aajacent	To Retai	ning Wall Causing	f It 10 Bu	lige	
Public Sidewalk Cast in Place Concrete	100%			2043	* *			
On-Site Walkways	10070			2045				
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway Asphalt	Cracking/O Location Misaligned Location Potholes, I	: East Par l/Bulging, I : East Par	Extent : Moderate, king Lot derate, Area Affec	Area Aff	fected : 10%			
Electrical		Current F)opoir	Futur	e Replacement	м	aintananaa	
							aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts Service Equipment Molded Case Bkrs	Location	: Electrica	xtent : Moderate, . l Room 100 Amperes Main			5	\$200	
Switchgear / Switchboard Molded Case Bkrs	100%	ion i One i	so imperes mun	2030	\$34,200	5	\$200	
Molucu Case DKIS								

 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.

MARCY BRANCH LIBRARY

Asset #: 13258

		A3561#.13	200					
Electrical		Current Repair	Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
Jnder 600 Volts								
Panelboards								
Molded Case Bkrs	100%		2046	* *	5	\$200		
Wiring								
Braided Cloth	50% Insulation	2-4 \$14,700 Aged, Extent : Moderate, Are	2055 ea Affecte	* * ed : 100%	1			
	Location	: Throughout The Building						
Thermoplastic	30%		2030	\$8,800	1			
Thermoplastic	20%		2050	* *	1			
Motor Controllers								
Locally Mounted	100%		2028	\$16,000	5	\$100		
Ground								
Grounding Devices								
Generic	100%		LIFE	* *	5	\$200		
Lighting								
Interior Lighting	1000/		2029	* *				
LED	100%		2038					
Egress Lighting Emergency, Battery	50%		2035	* *	10	\$900		
Exit, Service	50%		2035	* *	10	\$900		
Exterior Lighting	5070		2055		1			
LED	100%		2038	* *				
		ervation, Extent : Light, Area		! : 100%				
		: Building Exterior Front An						
	Explanat	ion : LED Wallpak Fixtures						
Alarm	_							
Security System								
No Component	70%							
Generic	30%		2038	* *	1	\$800		
Fire/Smoke Detection								
Generic, Digital		Now \$1,600	2038	* *	1-3	\$4,200		
		ervation, Extent : Moderate, .		ected : 5%				
		: Throughout The Building						
	Explanat	ion : Trouble Light						
Mechanical		Current Repair	Futur	e Replacement	Μ	laintenance		
System	% of	Fail Date Estimated Cost		Estimated Cost		Estimated Cost	Priorit	
Component	Total	(Years)	FY	Estimated Cost	(Yrs)	Estimateu Cost	1 1 101 11	
Туре	i otul	(()			
Heating								
Energy Source	1000							
Natural Gas	100%		2050	* *	1			

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

MARCY BRANCH LIBRARY

Asset # : 13258

Mechanical Current Repair Future Replacement Maintenance								
Mechanical	Current Repair	N	laintenance					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	t Cycle (Yrs)	Estimated Cost	Priority			
Heating								
Conversion Equipment								
Furnace	20%	2030 \$3,500) 1	\$700				
	Other Observation, Extent : Light, Area							
	Location : First Floor Mechanical Ro							
	Explanation : Duct Mounted Gas Furt							
Hot Water Boiler	60%	2028 \$34,400) 1	\$2,200				
	Corroded, Extent : Moderate, Area Affe							
	Location : First Floor Mechanical Ro		roding.					
	Other Observation, Extent : Moderate, .	•••						
	Location : First Floor Mechanical Ro							
	Explanation : 1 Gas Fired Hot Water	Boiler						
No Component	20%							
Distribution								
Hot Wtr Piping/Pump	100%	2046 **	* 4	\$600				
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : 2 Circulating Pumps In Fir	st Floor Mechanical Room	n					
Terminal Devices	400/	0000 #00 400		¢1.000				
Air Handler	40%	2030 \$33,400 2035 **		\$1,900				
Convector/Radiator	60%	2035 **	* 1	\$1,500				
Air Conditioning								
Energy Source Electricity	100%	2038 **	* 1					
Conversion Equipment	10070	2038	1					
Interior Pkg Unit -	30%	2028 \$83,400) 2	\$100				
Cooling	5070	2020 \$05,400) 2	\$100				
coomig	Other Observation, Extent : Light, Area	Affected : 100%						
	Location : First Floor Mechanical Ro							
	Explanation : With Duct Mounted Gas	s Fired Heater						
Ext Pkg Unit -	70%	2030 \$65,100) 2	\$300				
Heating/Cooling	, , , , ,	2000 000,100		\$200				
6 6	Other Observation, Extent : Light, Area	Affected : 100%						
	Location : Roof							
	Explanation : R-134a Refrigerant Wit	h Gas Heat						
Heat Rejection								
Dry Cooler	30%	2030 \$12,100) 2	\$1,600				
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	LIFE **	* 2-5	\$6,600				
Exhaust Fans								
Roof	100%	2030 \$12,300) 2	\$200				
Plumbing								
H/C Water Piping	1000/	2040 **	. .					
Brass/Copper	100%	2040 **	* 1					

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

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BROOKLYN PUBLIC LIBRARY - 038

MARCY BRANCH LIBRARY

Asset # : 13258

echanical	Current Repair	Future Rep	Future Replacement		Maintenance	
stem Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing						
Water Heater						
Electric	100%	2028	\$6,500	4		
	Other Observation, Extent : Light, A	Irea Affected : 100	%			
	Location : First Floor Mechanical	Room				
	Explanation : 40 Gallons					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
Generic	100%	2035	* *	1	\$500	
Fixtures						
Generic	100%					

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.
Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed		16TH ST. JYN 3.000 / 1325 17		Agency's Number Yr Built/Renovated Project Type Landmark Status	: 48 : 1955 / 2001 : BROOKLYN PUBLIC : NONE	C LIBRARY
Block	: 6709	Lot	: 54	BIN	: 3179706	
CAPITAL Exterior Architec Electrical Mechanical	ture			FY 2021 - 2024 \$121,900 \$1,300		FY 2025 - 2030 \$133,900 \$276,200
Total				\$123,200		\$410,100
Importance Code Importance Code				\$121,900 \$1,300		\$410,100
Total				\$123,200		\$410,100
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$27,700	\$500		\$1,100
Interior Architect	ure		\$29,000		\$1,300	\$2,300
Electrical			\$800	\$900	\$1,000	\$11,800
Mechanical			\$7,600	\$1,600	\$2,900	\$9,000
Site Pavements			\$2,100			
Elevators/Escalat	ors		\$3,900	\$3,900	\$3,900	\$3,900
Total			\$71,200	\$7,000	\$9,200	\$28,100
Importance Code	А		\$28,300	\$1,100	\$600	\$1,700
Importance Code			\$39,900	\$5,900	\$7,800	\$26,400
Importance Code			\$3,000		\$700	
Total			\$71,200	\$7,000	\$9,200	\$28,100



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.

Asset #: 13259

chitecture		Current Repa	ir	Futur	e Replaceme	nt	М	aintenance	
tem Component Type	% of Total	Fail Date Esti (Years)			Estimated (Estimated Cost	Prior
erior									
Exterior Walls									
Glass Block	2%			LIFE		* *	5	\$200	
Masonry: Brick	85%			LIFE		* *	5	\$16,300	
		racks, Extent : 1 : Pilaster	Light, Area Aff	fected : 1	%				
Masonry: Fieldstone	10%			LIFE		* *	5	\$1,400	
Window Wall	3%			2049		* *	5	\$2,200	
	-	louded, Extent : : Throughout	Moderate, Ar	ea Affeci	ed : 75%				
Windows									
Aluminum	100%	Now	\$26,500	2045		* *	5	\$1,500	
		Missing, Extent			cted : 10%				
	Location	: Throughout							
	Water Pen	etration, Extent	: Light, Area	Affected	: 10%				
	Location	: Around Wind	ows In Stairca	se, Vario	ous Locations	Thro	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%			2032		* *	10	\$500	
Modified Bitumen		Now	\$121,900	2034		* *			
		ng, Extent : Moa	lerate, Area Aj	ffected :	10%				
		: Throughout							
		xtent : Moderat	e, Area Affecte	ed : 5%					
		: Throughout							
		ud/Misposn, Exte : Back Of Build		e, Area A	ffected : 5%				
	Ponding, Extent : Moderate, Area Affected : 10%								
	Location : Back Of Building								
	Water Pen	etration, Extent	: Moderate, A	lrea Affe	cted : 5%				
	Location	: Throughout							
		ervation, Extent	t : Moderate, A	Area Affe	cted : 25%				
	Location	: Lower Roof							
	Explanat	tion : Protection	Board Added	Due To	Construction	Next	Door.		
Skylight, Metal/Glass	5%			2049		* *	10	\$3,500	
Soffits			.						
Stucco Cement		Now	\$1,200	2042	aa -	* *	5	\$900	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5% Location : Throughout								
		ling, Extent : Mo : Throughout	oderate, Area A	Affected	: 5%				
	-	Discoloring, Exte : Throughout	ent : Moderate	, Area Aj	ffected : 5%				
		etration, Extent	: Moderate, A	lrea Affe	cted : 5%				
		: Throughout	· · · · · ·	55 -					

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.

Asset #: 13259

			A5561#.15					
Architecture		Current I	Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nterior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$2,500	
Ceramic Tile	5%			2038	* *	5	\$1,100	
Terrazzo		Now Crumbling,	\$11,100 Extent : Light, Are	LIFE ea Affecte	* * ed : 10%	5	\$1,800	
	Location	: At Stairs						
Vinyl Tile	80%	Now	\$8,100	2034	* *	3	\$6,800	
5	-	-	Extent : Moderate d Second Floor Red	, Area Aj	•			
Interior Walls				0				
Ceramic Tile	5%			2038	* *	5	\$1,400	
Concrete Masonry Unit	80%			LIFE	* *	5	\$9,100	
Gypsum Board		Now	\$900	LIFE	* *	5	\$2,600	
Cypoun Dourd	Paint Peel	ing, Extent	: Moderate, Area out, At Windows		: 5%	5	\$2,000	
	Water Pen	etration, E	xtent : Moderate, A out, At Windows	Area Affe	ccted : 5%			
Ceilings		-						
AcousTileSusp.Lay-In	-	0-2 Discoloring, : Through	\$7,700 Extent : Moderate	2042 2, Area A	* * ffected : 5%	5	\$9,000	
	Water Pen	-	xtent : Moderate, A	Area Affe	ected : 5%			
Gypsum Board	Cracking/ Location Water Pen	: Through etration, E	\$1,200 Extent : Moderate out, At Windows Extent : Moderate, A	-	-	5	\$2,800	
		: Inrougn	out, At Windows					
Plaster	10%			LIFE	* *	5	\$1,400	
ite Enclosure								
Fence/Gates	1000/							
Iron Picket	100%			2064	* *			
Free Standing Walls								
Masonry: Brick	100%			2049	* *			
Retaining Walls Masonry: Brick	100%			2049	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
On-Site Walkways Cast in Place Concrete	Sinking/Su	Now bsiding, E: Side Ent	\$600 ktent : Moderate, A	2042 rea Affeo	* * cted : 5%			
D/C		. Side Ent	runce	2029	* *			
Pavers/Stone	25%			2038	* *			

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.

Asset # : 13259

	A33	Set # . 13239				
Architecture	Current Repair	r Future Repla	acement	Μ	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Site Pavements Parking/Driveway						
Asphalt	100% Now	\$1,400 2038	* *			
		nt : Light, Area Affected : 5%				
	Location : Throughout	0 10				
	Potholes, Extent : Moderat	e, Area Affected : 5%				
	Location : Side Lot					
	Sinking/Subsiding, Extent :	Moderate, Area Affected : 5	%			
	Location : Side Lot					
	Tripping Hazard, Extent : 1 Location : Side Lot	Moderate, Area Affected : 2%	6			
Electrical	Current Repair	r Future Repla	acement	Μ	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2049	* *	5	\$100	
		: Light, Area Affected : 100%	0			
	Location : Electrical Roo					
~	Explanation : Main Servi	ce Disconnect Switch Rated	4t 600 Amp	peres		
Switchgear / Switchboard	500/	2040	* *	5		
Fused Disc Sw	50% Other Observation Extent	2049 Light, Area Affected : 100% :		5		
	Location : Electrical Roo		0			
	Explanation : 1- Vertical					
Molded Case Bkrs	50%	2049	* *	5	\$200	
Wolded Case BKIS		2049 Light, Area Affected : 100%:		5	\$200	
	Location : Electrical Roo		0			
	Explanation : 1- Vertical					
Raceway	1					
Conduit	100%	2049	* *	1		
Panelboards						
Fused Disc Sw	5%	2045	* *	5		
Molded Case Bkrs	95%	2045	* *	5	\$300	
Wiring						
Thermoplastic	100%	2049	* *	1		
Motor Controllers						
Locally Mounted	70%	2042	* *	5	\$100	
Motor Control Center	30%	2042	* *	5	\$100	
Ground						
Grounding Devices	1000/	LIDE	* *	5	¢200	
Generic	100% Other Observation Extent	LIFE Light, Area Affected : 100%:		5	\$200	
	Location : Basement	. Ligni, Area Ajječiea . 100%	U			
	Explanation : Connected	To Metal Water Pine				
Lighting	Explanation . Connected	10 meiur muier 1 ipe				

Lighting

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

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

Asset # : 13259

ectrical	Current Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)		Estimated Cost		Estimated Cost	Priorit
ghting						
Interior Lighting						
Fluorescent	96%	2034	* *	10	\$10,800	
	Other Observation, Extent : Light, Are Location : Throughout The Building Explanation : T-8 Lamps	a Ajjecied	: 100%			
Fluorescent	1%	2024	\$1,300	10	\$100	
	T-12 Lamps And Fixtures, Extent : Lig Location : Storage Room	ht, Area Aj	ffected : 100%			
LED	3%	2037	* *			
	Other Observation, Extent : Light, Are Location : Staircase And 2nd Floor Explanation : LED Light Fixtures	a Affected	: 100%			
Egress Lighting						
Emergency, Battery	50%	2037	* *	10	\$1,500	
Exit, Service	50%	2037	* *	1		
Exterior Lighting	-0/	• • • • •	** * * *			
HID	5%	2029	\$2,400 * *	10		
LED	20%	2037	* *			
No Component	75%					
arm Security System						
No Component	70%					
Generic	30%	2037	* *	1	\$1,400	
Generie	Other Observation, Extent : Light, Are		: 100%	1	ψ1,100	
	Location : Inside And Outside	55				
	Explanation : CCTV Surveillance Ca	meras, Int	rusion Alarm Syste	em, Pani	c Doors	
Fire/Smoke Detection	*					
Generic, Analog	100%	2029	\$133,900	1-3	\$7,500	
	Other Observation, Extent : Light, Are	a Affected	: 100%			
	Location : Throughout The Building Explanation : Smoke Detectors And 2	llarm Bell	S			
echanical	Current Repair	Futur	e Replacement	М	aintenance	
stem Component	% of Fail Date Estimated Cost		Estimated Cost		Estimated Cost	Priori
Туре	Total (Years)	FY		(Yrs)		
ating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment		1019		-		
Hot Water Boiler	100%	2034	* *	1	\$6,000	
	Other Observation, Extent : Light, Are		: 100%	-	÷ • , • • •	
	-					
	Location : Basement Boiler Room					
	Location : Basement Boiler Room Explanation : 1 Unit					
Distribution Hot Wtr Piping/Pump		2037			\$900	

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.

Asset #: 13259

		A5561#.13					
Mechanical	Current	Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Air Handler	50%		2029	\$85,100	1	\$3,800	
Convector/Radiator	40%		2034	* *	1	\$1,600	
Fan Coil Unit/Heat	10%		2029	\$18,100	1	\$400	
		Extent : Light, Area	Affected	! : 10%			
	Location : Baseme						
	Explanation : Bas	ement Area					
Air Conditioning							
Energy Source	1000/		0045	ala ala			
Electricity	100%		2045	* *	1		
Conversion Equipment	2004		2020	¢20.000		41 7 00	
Reciprocating	30%		2029	\$30,800	1	\$1,700	
Compr/Chiller	Other Ohermantier	Future Link Aug	166	1. 200/			
		Extent : Light, Area	Affected	2:30%			
	Location : Roof	wit On The High on I) f				
	-	nit On The Higher R	-	¢107.100	2	¢ 400	
Ext Pkg Unit -	70% Now	\$5,300	2029	\$106,100	2	\$400	
Heating/Cooling	D 11 Define ougut E	utout Light Auga	ffootod .	1000/			
	Location : Roof	xtent : Light, Area A	ijjecied :	100%			
	-	Extent : Light, Area	Affaataa	1 . 1000/			
	Location : Roof	Extent . Light, Area	Ајјестец	. 10070			
	-	nits On Lower Roof.					
Distribution	Explanation : 2 0	nus On Lower Rooj.					
CW & CHW Wtr	30%		2039	* *	4	\$200	
Pipe/Pump	5070		2037		-	\$200	
No Component	70%						
Terminal Devices	1070						
Fan Coil - 4 Pipe	30%		2029	\$85,000	1	\$1,200	
No Component	70%		202)	\$00,000	-	\$1,200	
Ventilation	, , , , , ,						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,800	
Exhaust Fans							
Interior	25%		2029	\$10,800	2	\$100	
Roof	75%		2029	\$15,100	2	\$300	
Plumbing				,			
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater							
Gas Fired	100%		2024	\$7,400	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		

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.

Asset # : 13259

Mechanical	Current Repair	Future Replac	ement	Μ	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sewage Ejector(s)						
Electric	100%	2029	\$3,500	4	\$700	
	Other Observation, Extent : Light,	Area Affected : 100%				
	Location : Boiler Room					
	Explanation : 1 Set					
Backflow Preventer					.	
Generic	100%	2037	* *	1	\$800	
	Other Observation, Extent : Light,	•••				
	Location : First Floor Work Roo					
	Explanation : First Floor Work	Room				
Fixtures	1000/					
Generic	100%					
Vertical Transport						
Elevators	1000/		* *			
Hydraulic		LIFE	* *			
	Other Observation, Extent : Light, Location : Basement To 2nd Flo					
		or				
F: <u>a</u> :	Explanation : 1 Unit					
Fire Suppression						
Sprinkler	70%					
No Component Generic	70% 30%	2039	* *	1-2	\$1,000	
Generic	30% Other Observation, Extent : Light,			1-2	\$1,000	
	Location : Basement	Area Ajjeciea . 5076				
	Explanation : Basement Only					
	Explanation . Basement Only					

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 : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name	: MILL BASIN BRANCH LIBRARY		
Address	: 2385 RALPH AVE. @AVENUE N		
Borough	: BROOKLYN	Agency's Number	: 68
Program / Asset #	: BPL0M68.000 / 13260	Yr Built/Renovated	: 1974 / 2005
Area Sq Ft	: 7,500	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 22-Mar-2013	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1,2		
Block	: 8363 Lot : 9	BIN	: 3235910

CAPITAL		FY 2021 - 2024		FY 2025 - 2030
Exterior Architecture		\$60,400		\$155,200
Interior Architecture				\$7,900
Electrical				\$161,600
Mechanical				\$93,000
Total		\$60,400		\$417,800
Importance Code A		\$60,400		\$155,200
Importance Code B				\$262,600
Total		\$60,400		\$417,800
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$15 300	\$1 200		

Exterior Architecture	\$15,300	\$1,200		
Interior Architecture	\$2,700	\$400	\$600	
Electrical	\$700	\$800	\$800	\$900
Mechanical	\$5,100	\$400	\$1,100	\$400
Total	\$23,700	\$2,800	\$2,600	\$1,300
Importance Code A	\$15,600	\$1,500	\$400	\$500
Importance Code B	\$8,100	\$1,200	\$2,100	\$800
Importance Code C			\$100	
Total	\$23,700	\$2,800	\$2,600	\$1,300



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.

Asset # : 13260

rchitecture		Current Repair Future Replacement			e Replacement	Μ		
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls Masonry: Brick	Location Jnt Mortar	Fracks, Ext Southeas	\$60,400 eent : Moderate, At t Corner At Second l, Extent : Moderat cade	d Floor		5	\$18,900	
Windows Aluminum	Location	tion, Exten : Through Peteriorate	d, Extent : Modera			5	\$300	
Parapets								
Masonry: Brick Metal Panel	Deformed/I Location	: Coping A n/Split, Ex	\$3,000 etent : Moderate, A It North Side tent : Moderate, A			5 5	\$2,600 \$400	
Metal Rail	10% Corrosion/ Location Deteriorate	Now Rusting, E. Over Sec ed Finish, .	\$2,000 xtent : Light, Area cond Floor Roof Extent : Moderate, cond Floor Roof			5	\$2,600	
Metal: Cage/Fence Pre-Cast Concrete	10% 2% Cracking/C Location Caulking D	Now Trumbling, Coping O Deteriorate	\$800 Extent : Moderate Over Free Standing d, Extent : Modera Over Free Standing	, Parape te, Area	t Affected : 25%	5-10 5	\$2,800 \$500	
Roof								
Modified Bitumen Modified Bitumen	Blisters, Ex Location Seams Ope	: Over Sec n/Split, Ex	\$4,700 lerate, Area Affecto cond Floor tent : Moderate, A cond Floor			10	\$9,700	

Interior

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

Asset # : 13260

Architecture		Current R	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$1,300	
Ceramic Tile	15%			2037	* *	5	\$900	
		lace Evide First Flo	nt, Extent : Light, . or	Area Affe	ected : 100%			
Vinyl Tile	15%			2029	\$7,900	3	\$300	
Vinyl Tile	60%			2032	* *	3	\$1,300	
		allation, E. First Flo	xtent : Light, Area or	Affected	: 100%			
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$100	
Concrete Masonry Unit	80%			LIFE	* *	5	\$800	
Gypsum Board	15%			LIFE	* *	5	\$200	
Ceilings	-					-		
AcousTileSusp.Lay-In	90%			2041	* *	5	\$5,300	
Exposed Concrete	10%			LIFE	* *	5	\$100	
_								
Electrical	_	Current R	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2034	* *	5	\$200	
	Other Obse	rvation, E: · Electrica	xtent : Moderate, 2 l Room		ected : 100%	-	• • • •	
	Explanati	on : Main	Service Switch Ra	ted At 60	0 Amperes			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	* *	5	\$200	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	25%			2032	* *	5		
	750/			2032	* *	5	\$100	
Molded Case Bkrs	75%							
	100%			2034	* *	1		
Molded Case Bkrs Wiring				2034	* *	1		

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

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

Asset # : 13260

Current Repair	Future R	eplacement	М	aintenance				
% of Fail Date Estimated Cost Total (Years)	t Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priori			
4.50/	2020		10	#2 100				
			10	\$3,100				
		<i>fjected : 100%</i>						
5%	2029	\$4,000	10	\$300				
	?, Area Affected	d : 100%						
	-		1.0	**				
			10	\$3,400				
-		ffected : 100%						
500%	2020	\$5.400	10	\$000				
		\$3,400		\$900				
5070	2032		1					
50%	2029	\$12,700	10	\$300				
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Front Entrance								
Explanation : Compact Fluorescent	Light Fixtures							
50%	2029	\$15,000	10					
			1	\$2,800				
		a : 100%						
	amera System							
100%	2029	\$82,200	1-3	\$4.600				
				+ .,				
Location : Throughout The Building								
	a 1 1 1	And Alarm Roll	c					
Explanation : Manual Pull Station, 2	Strobe Lights A	inu Alurm Dell	5					
Explanation : Manual Pull Station, S		eplacement		aintenance				
	Future R		М	aintenance Estimated Cost	Priori			
Current Repair % of Fail Date Estimated Cost	Future R t Year Es	eplacement	M Cycle		Prior			
Current Repair % of Fail Date Estimated Cost Total (Years)	Future R t Year Es FY	eplacement timated Cost	M Cycle (Yrs)		Prior			
Current Repair % of Fail Date Estimated Cost Total (Years) 100% Now	Future R t Year Es FY 2044	eplacement atimated Cost	M Cycle		Priori			
Current Repair % of Fail Date Estimated Cost Total (Years) 100% Now Other Observation, Extent : Severe, A	Future R t Year Es FY 2044	eplacement atimated Cost	M Cycle (Yrs)		Priori			
Current Repair % of Fail Date Estimated Cost Total (Years) 100% Now Other Observation, Extent : Severe, A Location : Gas Meter Room	Future R t Year Es FY 2044 rea Affected :	eplacement atimated Cost * * 100%	M Cycle (Yrs)		Prior			
Current Repair % of Fail Date Estimated Cost Total (Years) 100% Now Other Observation, Extent : Severe, A	Future R t Year Es FY 2044 rea Affected :	eplacement atimated Cost * * 100%	M Cycle (Yrs)		Prior			
Current Repair % of Fail Date Estimated Cost Total (Years) 100% Now Other Observation, Extent : Severe, A Location : Gas Meter Room Explanation : There Is No Vent For	Future R t Year Es FY 2044 2044 : Trea Affected : : The Gas Meter	eplacement stimated Cost * * 100% r Room	M Cycle (Yrs) 1	Estimated Cost	Prior			
Current Repair % of Fail Date Estimated Cost Total (Years) 100% Now Other Observation, Extent : Severe, A Location : Gas Meter Room Explanation : There Is No Vent For 100%	Future R t Year Es FY 2044 rea Affected : The Gas Meter 2029	eplacement stimated Cost * * 100% r Room \$17,500	M Cycle (Yrs)		Priori			
Current Repair % of Fail Date Estimated Cost Total (Years) 100% Now Other Observation, Extent : Severe, A Location : Gas Meter Room Explanation : There Is No Vent For	Future R t Year Es FY 2044 rea Affected : The Gas Meter 2029	eplacement stimated Cost * * 100% r Room \$17,500	M Cycle (Yrs) 1	Estimated Cost	Priori			
	45% T-8 Lamps And Fixtures, Extent : Modelation : Throughout The Building 5% Other Observation, Extent : Moderate Location : Entrance Area Explanation : Compact Fluorescent 50% T-5 Lamps And Fixtures, Extent : Moderate Location : Throughout The Building 50% T-5 Lamps And Fixtures, Extent : Moderate Location : Throughout The Building 50% 50% Other Observation, Extent : Moderate Location : Front Entrance Explanation : Compact Fluorescent 50% Other Observation, Extent : Moderate Location : Throughout The Building 100% Other Observation, Extent : Moderate Location : Throughout The Building Explanation : CCTV Surveillance Compact 100% Other Observation, Extent : Moderate Location : Throughout The Building Explanation : CCTV Surveillance Compact 100% Other Observation, Extent : Moderate Location : Throughout The Building	% of Fail Date Estimated Cost Total (Years)Year Est FY45%20297-8 Lamps And Fixtures, Extent : Moderate, Area Aflected Location : Throughout The Building5%5%2029Other Observation, Extent : Moderate, Area Affected Location : Entrance Area2029T-5 Lamps And Fixtures, Extent : Moderate, Area Affected Location : Entrance Area50%2029T-5 Lamps And Fixtures, Extent : Moderate, Area Affected Location : Throughout The Building50%202950%202950%202950%202950%202950%202950%20290ther Observation, Extent : Moderate, Area Affected Location : Front EntranceExplanation : Compact Fluorescent Light Fixtures 50%20290ther Observation, Extent : Moderate, Area Affected Location : Front EntranceExplanation : Compact Fluorescent Light Fixtures 50%2029100%2029100%20290ther Observation, Extent : Moderate, Area Affected Location : Throughout The BuildingExplanation : CCTV Surveillance Camera System100%20290ther Observation, Extent : Moderate, Area Affected Location : Throughout The BuildingExplanation : CCTV Surveillance Camera System100%2029Other Observation, Extent : Moderate, Area Affected Location : Throughout The Building	% of Fail Date Estimated Cost Total (Years)Year Estimated Cost FY45%2029\$35,7007-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building2029\$4,0005%2029\$4,000Other Observation, Extent : Moderate, Area Affected : 100% Location : Entrance Area Explanation : Compact Fluorescent Light Fixtures50%2029\$39,7007-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building50%2029\$39,7007-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building50%2029\$12,700Other Observation, Extent : Moderate, Area Affected : 100% Location : Front Entrance Explanation : Compact Fluorescent Light Fixtures50%2029\$12,700Other Observation, Extent : Moderate, Area Affected : 100% Location : Front Entrance Explanation : Compact Fluorescent Light Fixtures50%2029\$15,000100%2029\$24,000Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building Explanation : CCTV Surveillance Camera System100%2029\$82,200Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building	% of TotalFail Date (Years)Estimated Cost FYYear FYEstimated Cost (Yrs) $45%$ 2029 \$35,70010 $7-8$ Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building $5%$ 2029 \$4,00010 $5%$ 2029 \$4,00010Other Observation, Extent : Moderate, Area Affected : 100% Location : Entrance Area Explanation : Compact Fluorescent Light Fixtures $50%$ 2029 \$39,70010 $5-50%$ 2029 \$39,70010 $7-5$ Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building 10 $50%$ 2029 \$5,40010 $50%$ 2029 \$12,70010 $50%$ 2029 \$12,70010 $50%$ 2029 \$12,70010 $50%$ 2029 \$15,00010 $50%$ 2029 \$15,00010 $50%$ 2029 \$15,00010 $50%$ 2029 \$15,00010 $50%$ 2029 \$15,00010 $50%$ 2029 \$24,0001 $50%$ 2029 \$15,00010 $100%$ 2029 \$24,0001 $00%$ 2029 \$24,0001 $00%$ 2029 \$82,2001 $50%$ 2029 \$82,2001 $50%$ 2029 \$82,2001-3 $50%$ 2029 \$82,2001-3 $00%$ 2029 \$82,2001-3 00	% of Fail Date Estimated Cost Total (Years)Year Estimated Cost FYCycle (Yrs)Estimated Cost (Yrs)45%2029\$35,70010\$3,100T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building0010\$3005%2029\$4,00010\$300Other Observation, Extent : Moderate, Area Affected : 100% Location : Entrance Area Explanation : Compact Fluorescent Light Fixtures0010\$3007-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building010\$3,400\$3,40050%2029\$5,40010\$3,40050%2029\$5,40010\$30050%2029\$12,70010\$300Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building\$300\$30050%2029\$12,70010\$300Other Observation, Extent : Moderate, Area Affected : 100% Location : Front Entrance Explanation : Compact Fluorescent Light Fixtures\$100%\$202950%2029\$15,00010\$2,8000ther Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building Explanation : CCTV Surveillance Camera System\$2,8001100%2029\$82,2001-3\$4,6000ther Observation, Extent : Moderate, Area Affected : 100%10%\$4,600			

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

Asset # : 13260

Mechanical	C	Current Repair		e Replacement	М	aintenance		
System Component Type		nil Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning								
Energy Source	1000/		• • • • •	de ale				
Electricity	100%		2040	* *	1			
Conversion Equipment								
Ext Pkg Unit -	100%		2029	\$93,000	2	\$500		
Heating/Cooling								
		rant, Extent : Light, Area A		100%				
	Location :	Package Unit On The Ro	of					
Ventilation								
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,200		
Exhaust Fans								
Roof	100%		2029	\$12,300	2	\$200		
Plumbing								
H/C Water Piping								
Brass/Copper	100%		2034	* *	1			
Water Heater								
Gas Fired	100%		2021	\$4,500	2	\$100		
Sanitary Piping								
Cast Iron	100%		LIFE	* *	1			
Storm Drain Piping								
Cast Iron	100%		LIFE	* *	1			
Fixtures								
Generic	100%							

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

CADITAL		EV 2024 2024	EV 2025 20
Block	: 4090 Lot : 1	BIN	: 3090726
Areas Surveyed	: Basement, Roof, Floors 1,2		
Date of Survey	: 23-Oct-2017	Landmark Status	: NONE
Area Sq Ft	: 23,736	Project Type	: BROOKLYN PUBLIC LIBRARY
Program / Asset #	: BPL0006.000 / 4203	Yr Built/Renovated	: 1957 / 2000
Borough	: BROOKLYN	Agency's Number	: 52
Address	: 665 NEW LOTS AVE. @BARBEY ST.		
Asset Name	: NEW LOTS BRANCH LIBRARY		

Total	\$1,040,500	\$678,600
Importance Code B	\$170,800	\$678,600
Importance Code A	\$869,600	
Total	\$1,040,500	\$678,600
Mechanical		\$352,700
Electrical	\$94,800	\$47,900
Interior Architecture	\$76,000	\$278,000
Exterior Architecture	\$869,600	
CAPITAL	FY 2021 - 2024	FY 2025 - 2030

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$83,900			
Interior Architecture	\$43,900	\$9,400		\$3,900
Electrical	\$21,200	\$900	\$1,000	\$18,400
Mechanical	\$5,400	\$2,600	\$4,600	\$2,600
Site Enclosure	\$6,400			
Site Pavements	\$300			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$165,100	\$16,900	\$9,500	\$28,800
Importance Code A	\$85,100	\$1,200	\$1,200	\$1,200
Importance Code B	\$53,800	\$15,700	\$8,300	\$27,600
Importance Code C	\$26,200			
Total	\$165,100	\$16,900	\$9,500	\$28,800



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

NEW LOTS BRANCH LIBRARY

Asset # : 4203

rchitecture	Current Repair	Future Replacement	Replacement Maintenance		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priorit
terior					
Exterior Walls			_	#22 000	
Masonry: Brick	80% Now \$227,500 Diagonal Cracks, Extent : Moderate, An Location : Corners, Throughout, Arou Efflorescence, Extent : Moderate, Area Location : Throughout Jnt Mortar Miss/Erod, Extent : Severe, A Location : Throughout, Corners Misaligned/Bulging, Extent : Severe, Ar	nd Windows Affected : 25% Area Affected : 35%	5	\$23,800	1
	Location : Around Windows	eu 11jjeeieu : 2070			
	Rusting Masonry Supt, Extent : Modera Location : Bulkheads, Around Window				
Granite Panels	8% Now \$53,300 Cracking/Crumbling, Extent : Moderate Location : Various Jnt Mortar Miss/Erod, Extent : Severe, A Location : South Facade Misaligned/Bulging, Extent : Moderate,	Area Affected : 25%	5	\$1,800	
	Location : South Facade				
Slate Panels	2% Now \$32,900 Cracking/Crumbling, Extent : Severe, A Location : North Facade Spalling, Extent : Severe, Area Affected Location : North Facade		5	\$400	
TT7' 1 TT7 11		20/0 **		#7 (00)	
Window Wall	10% 0-2 \$30,200 Water Penetration, Extent : Moderate, 2 Location : Stair	2049	5	\$5,600	
Windows Aluminum	100% Now \$392,000	2054 **	5	\$4,400	
	Air Infiltration, Extent : Moderate, Area Location : Throughout Deteriorated Finish, Extent : Moderate, Location : Throughout Glazing Clouded, Extent : Moderate, An Location : Throughout	a Affected : 25% Area Affected : 50%	2		
	Water Penetration, Extent : Moderate, A Location : North Facade, South Facad Weather Strip Missing, Extent : Modera	de, Stair, Classroom			
	Location : Throughout	, <u>J</u>			

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.

NEW LOTS BRANCH LIBRARY

Asset # : 4203

Architecture		Current F	lepair	Futur	e Replacemer	nt	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Co	ost	Cycle (Yrs)	Estimated Cost	Priority
xterior									
Parapets									
Masonry: Brick		Now	\$134,400	LIFE		* *	5	\$4,400	1
	-		ent : Moderate, Ai	rea Affect	ted : 10%				
			Throughout						
	**		: Moderate, Area	Affected	: 10%				
		: Through			1 100/				
			ctent : Moderate, 2	Area Affe	cted : 10%				
		: Through		1 1.00	1 500/				
		· Miss/Eroa : Throughe	, Extent : Severe, .	Area Affe	ectea : 50%				
		-	uu xtent : Moderate, 2	Amon Affa	atad · 200/				
			cade, South Facad		cieu . 2076				
Manager	2%	. 110/11/1/0	caue, souin racal			* *	5	Φ100	
Masonry: Granite		Now	¢15 700	LIFE		* *	5 5	\$100 \$200	1
Masonry: Limestone	• • •		\$15,700 Extent : Severe	LIFE			5	\$300	1
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 35% Location : Coping								
			d, Extent : Severe,	Area Aft	Pected · 35%				
		: Coping	i, Extent . Severe,	217 cu 21jj	ecieu : 5570				
Roof		1.1							
Asphalt Shingle	2%			2038	:	* *	10	\$100	
Modified Bitumen	98%	0-2	\$62,500	2034	:	* *			
	Blisters, Extent : Moderate, Area Affected : 10%								
	Location : Roof Over Second Floor								
	Ponding, Extent : Severe, Area Affected : 10%								
	Location	: Lower Ro	oof Along New Lot	s Avenue					
Soffits									
Cast in Place Concrete		Now	\$5,100	LIFE		* *	5	\$900	
			Extent : Severe, A		eted : 20%				
			It Service Entranc		1 -0 (
			tent : Severe, Are		d : 5%				
	Location	: Canopy A	<i>It Service Entranc</i>	е					
nterior Floors									
Cast in Place Concrete	5%			LIFE	:	* *	5	\$3,900	
Ceramic Tile	3%			2032	;	* *	5	\$1,100	
Terrazzo	5%	4+	\$4,400	LIFE	;	* *	5	\$1,400	
i viruzzo			derate, Area Affec				-	φ1,100	
			Of Main Staircase		g Hazard				
Vinyl Tile	87%	4+	\$13,900	2029	\$278,0	00	3	\$11,600	
, myr me			Extent : Light, Ar				5	ψ11,000	
	-	: First Flo	-	35 - 50					

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.

Asset # : 4203

			ASSEL # . 4/					
Architecture		Current I	Kepair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nterior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,100	
Glass: Single Pane	2%	0-2	\$16,800	LIFE	* *	5	\$400	
-	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 10%			
	Location	: Vestibule	e Doors At First, B	asement	And Second Floors	5		
	Other Obs	ervation, E	xtent : Moderate, A	4rea Affe	ected : 25%			
			e Doors At Baseme	nt, First	And Second Floors	5		
	Explana	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%		\$2,700	LIFE	* *			
		-	Extent : Moderate					
			ir Between Basem					
			xtent : Light, Area					
	Location	e : Main Sta	ir Between Basem	ent And I	First Floor			
Ceilings	250/	N.T.	#7 (000	20.40	* *	-	#5 (00)	
AcousTileConcealSpLn		Now	\$76,000	2049		5	\$5,600	
			e, Extent : Light, Ar	ea Affect	tea : 10%			
		: Through		1400 1	facted , 250/			
		: Through	Extent : Moderate	e, Area A	<i>iječieu . 257</i> 6			
		-	oui xtent : Moderate, A	1raa Affa	cted · 20%			
			Floor, Around Wind		cieu . 2070			
A coustileSuce Low In	50%		1001,11104.04	2042	* *	5	\$17,800	
AcousTileSusp.Lay-In Plaster		Now	\$6,200	LIFE	* *	5 5	\$17,800	
Flaster			xtent : Light, Area			5	\$3,000	
		: Stairwel	-	mjecieu	. 570			
Site Enclosure	2000000							
Fence/Gates								
Chain Link	2%			2039	* *			
Iron Picket	98%	4+	\$6,400	2064	* *			
			xtent : Moderate, A		cted : 10%			
	Location	: Schenck	Avenue And Rear (Of Buildi	ng			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
On-Site Walkways								
Asphalt	95%		\$300	2038	* *			
	-	-	Extent : Light, Are	ea Affecte	ed : 5%			
	Location	: Various						
Cast in Place Concrete	5%			2042	* *			
Parking/Driveway								
Asphalt	100%			2038	* *			

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.

NEW LOTS BRANCH LIBRARY

Asset # : 4203

Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2029	\$2,700	5	\$100	
		ervation, Extent : Light, Area	Affected	!: 100%			
		: Electrical Room					
<u></u>	Explana	tion : One 1200 Ampere Main	Disconn	nect Switch			
Switchgear / Switchboard	500/		2020	¢17 100	-	¢100	
Fused Disc Sw	50%		2029	\$17,100	5	\$100 \$200	
Molded Case Bkrs	50%		2029	\$17,100	5	\$300	
Raceway Conduit	100%		2029	\$33,200	1		
Panelboards	10070		2029	\$55,200	1		
Fused Disc Sw	5%		2028	\$1,200	5		
Molded Case Bkrs	95%		2028	\$22,500	5	\$600	
Wiring	2270		2020	\$22,500	5	4000	
Braided Cloth	70%	2-4 \$20,500	2054	* *	1		
Dialacta Crossi		Aged, Extent : Moderate, Are		ed : 100%	1		
		: Throughout The Building	55				
Thermoplastic	30%	0 0	2029	\$8,800	1		
Motor Controllers	5070		2027	\$0,000	1		
Locally Mounted	100%		2027	\$47,900	5	\$200	
Bround				+ ,> • •		+-**	
Grounding Devices							
Generic	100%		LIFE	* *	5	\$300	
ighting							
Interior Lighting							
LED	100%		2037	* *			
Egress Lighting							
Emergency, Battery	10%		2037	* *	10	\$600	
Emergency, Battery	40%		2024	\$13,500	10	\$2,300	
Exit, Service	5%		2037	* *	1		
Exit, Service	45%		2024	\$1,600	1		
Exterior Lighting	1000/		0004	\$24.000	10	\$100	
HID	100%		2024	\$94,800	10	\$100	
Alarm							
Security System	700/						
No Component Generic	70% 30%		2024	* *	1	¢2 700	
Fire/Smoke Detection	30%		2034		1	\$2,700	
No Component	70%						
Generic, Digital	30%		2034	* *	1-3	\$4,400	
Generic, Digitai	5070		2004		1-5	фт,т00	
Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Component	Total	(Years)	FY		(Yrs)		

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.

NEW LOTS BRANCH LIBRARY

Asset # : 4203

Mechanical		Current Repair	М				
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	Location Explanat	ervation, Extent : Light, Area : Roof ion : 2 Rooftop Units		\$33,200 2 : 100%	1	\$7,000	
Hot Water Boiler	Location	ervation, Extent : Light, Area : Basement ion : One Unit	2042 Affected	* * 1: 100%	1	\$4,700	
Distribution	Блрійниі						
Hot Wtr Piping/Pump No Component	40% 60%		2037	* *	4	\$700	
Terminal Devices							
Convector/Radiator	40%		2034	* *	1	\$3,100	
No Component	60%						
Air Conditioning							
Energy Source	1000/		2027	* *	1		
Electricity Conversion Equipment	100%		2037		1		
Reciprocating Compr/Chiller	20%		2034	* *	1	\$2,200	
Ĩ	Location	ervation, Extent : Light, Area : Basement ion : 2 Units. R-410a	Affected	! : 100%			
Ext Pkg Unit - Heating/Cooling	70%		2029	\$206,100	2	\$1,000	
i i i i i i i i i i i i i i i i i i i		gerant, Extent : Light, Area A : 2 Units. Roof	Iffected :	100%			
Split Unit	10%		2029	\$50,200			
		gerant, Extent : Light, Area A : 4 Units. Various Locations		100%			
Terminal Devices							
Fan Coil - 2 Pipe	20%		2034	* *	1	\$1,500	
Fan Coil - 2 Pipe	10%		2029	\$44,700	1	\$800	
No Component	70%						
Heat Rejection Air Cooled Condenser Unit	20%		2034	* *	2	\$3,300	
Air Cooled Condenser Unit	10%		2029	\$4,700	2	\$1,700	
No Component	70%						
Ventilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$13,200	

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

Asset # : 4203

Mechanical		Current Repair			e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	-	Now	\$400	2029	\$20,900	2	\$100	
			Severe, Area Aff	fected : 1	0%			
			Staff Lounge					
Roof		Now	\$1,500	2029	\$29,300	2	\$400	
			derate, Area Affe	cted : 159	%			
	Location	: Roof Exha	ust Fans					
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2039	* *	1		
Galvanized Steel	50%			2027	\$51,600	1		
Water Heater								
Gas Fired	100%			2027	\$14,300	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2029	\$3,600	4	\$800	
Sewage Ejector(s)							.	
Electric	100%			2029	\$6,800	4	\$1,400	
Fixtures	1000/							
Generic	100%							
Vertical Transport								
Elevators	1000/			LIPP	* *			
Hydraulic	100%	E.	4	LIFE				
			tent : Light, Area To 2nd Floor	Ајјесіей	. 100%			
			10 2na F100r					
Fire Suppression	Explanal	tion : 1 Unit						
Sprinkler								
No Component	95%							
Generic	93% 5%			2029	\$11,500	1-2	\$300	
	570			2029	\$11,500	1-2	\$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.

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	 1743 86TH BROOKL BPL0005.0 22,455 03-May-20 	000 / 4204		: 51 I : 1956 / 2000 : BROOKLYN PUBL : NONE : 3165745	IC LIBRARY
CAPITAL			FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture		\$608,700		
Interior Architect			\$383,100		
Electrical			\$303,800		\$49,200
Total			\$1,295,600		\$49,200
Importance Code	А		\$608,700		
Importance Code	В		\$648,800		\$49,200
Importance Code	С		\$38,100		
Total			\$1,295,600		\$49,200
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture	\$30,900			
Interior Architect	ure	\$42,500	\$3,200		\$400
Electrical		\$21,300	\$63,600	\$500	\$500
Mechanical		\$13,900	\$2,200	\$4,700	\$2,200
Elevators/Escalate	ors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$112,600	\$72,900	\$9,200	\$7,100
Importance Code	А	\$34,400	\$1,200	\$1,100	\$1,100
Importance Code	В	\$50,300	\$71,800	\$8,100	\$6,000
Importance Code	С	\$27,900			
Total		\$112,600	\$72,900	\$9,200	\$7,100



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.

Asset # : 4204

chitecture		Current Rep	air	Futur	e Replacement	Μ	aintenance	
stem Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior								
Exterior Walls								
Masonry: Brick	Jnt Mortar Location Vertical Cr Location Water Pen	: East Facade racks, Extent : : At Northwes	Moderate, Are t Corner nt : Moderate, A	a Affecte	d : 5%	5	\$25,600	
Masonry: Fieldstone	Jnt Mortar	Now Miss/Erod, E. : Throughout	\$7,800 xtent : Light, A	LIFE rea Affec	* * ted : 30%	5	\$200	
Masonry: Limestone	Jnt Mortar	Now Miss/Erod, E. : Throughout	\$78,800 xtent : Modera	LIFE te, Area A	* * Affected : 10%	5	\$1,700	
Window Wall	Air Infiltra	Now tion, Extent : I : Throughout	\$2,900 Light, Area Aff	2047 ected : 10	* *	5	\$500	
Windows								
Aluminum	Bent/Warp Location Deformed/ Location Hardware	: Throughout Dented, Exten : Throughout	\$196,400 Extent : Modera t : Moderate, A nt : Moderate, .	rea Affec		5	\$2,200	
Parapets								
Cast Stone/Terra Cotta	Cracking/0	Now Crumbling, Ext : Throughout	\$1,400 tent : Moderate	LIFE e, Area Aj	* * ffected : 30%	5	\$400	
Masonry: Brick	Cracking/(Location Jnt Mortar	: Throughout Miss/Erod, E.	\$17,600 tent : Moderate xtent : Modera e Of South Par	te, Area A	-	5	\$1,000	
Masonry: Limestone	5%	0-2	\$1,200	LIFE	* *	5	\$100	
	Jnt Mortar		xtent : Light, A	rea Affec	ted : 10%			
Roof	1000/	N	¢00.000	2022	* *			
Modified Bitumen	Blisters, E: Location Water Pen	: Main Roof	\$88,800 ite, Area Affect nt : Moderate, A					

Interior

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

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

Asset # : 4204

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$3,700	
Ceramic Tile	5%			2036	* *	5	\$1,700	
Terrazzo	5%			LIFE	* *	5	\$1,300	
Vinyl Tile		Now	\$3,000	2032	* *	3	\$1,300	
	-	Crumbling, : Through	Extent : Light, Ard out	ea Affecto	ed : 10%			
Vinyl Tile 9" X 9"	75%			2022	\$293,700	3	\$9,500	
	-	Crumbling, : Through	Extent : Moderate out	, Area Aj	ffected : 40%			
Interior Walls								
Ceramic Tile	5%			2036	* *	5	\$1,500	
Gypsum Board		Now	\$2,600	LIFE	* *	5	\$1,800	
	-	Crumbling, : Through	Extent : Light, Ard out	ea Affecto	ed : 10%			
Plaster	75%	Now	\$38,100	LIFE	* *	5	\$6,700	
	Water Pen Location	: Through	xtent : Moderate, A out					
SGFT/Glazed Masonry	Cracking/	Now Crumbling, : Through	\$24,500 Extent : Light, Ard out	LIFE ea Affecte	* * ed : 10%			
		etration, E : Through	xtent : Moderate, A out	Area Affe	octed : 30%			
Ceilings	a a (*- * * *	• • • • •		_	* - • • •	
AcousTileConcealSpLn	Cracking/0	0-2 Crumbling, : Through	\$7,200 Extent : Light, Arc out	2040 ea Affecte	* * ed : 10%	5	\$5,300	
Exposed Concrete	10%			LIFE	* *	5	\$500	
Gypsum Board		Now	\$3,600	LIFE	* *	5	\$4,200	
	Cracking/0		Extent : Light, Are		ed : 10%			
Plaster	Water Pen	Now etration, E : Through	\$51,300 Extent : Moderate, A out	LIFE Area Affe	* * octed : 2%	5	\$11,600	
Electrical		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

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 # : 4204

	Current			e Renlacement	M	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
			2027 Area Affe	\$2,700 ected : 100%	5	\$100	
Explanat	ion : Two -	400 Ampere Main	Disconne	ect Switches			
100%			2027	\$34,200	5	\$600	
0.50/							
5%			2047		1		
5%			2026	\$1.200	5		
				**		\$200	
65%				\$15,400	5	\$400	
				+ -)	-		
	0		2052 ea Affecte	* * ed : 100%	1		
30%			2047	* *	1		
100%			2040	* *	5	\$200	
					_		
100%			LIFE	* *	5	\$300	
90%			2022	\$214 100	10	\$18 500	
Other Obse Location	: Through	out The Building			10	\$10,500	
10%			2022	\$23,800	2	\$100	
					10	\$2,700	
50%			2022	\$1,700	1		
1000/			2022	400 700	10	¢100	
100%			2022	\$89,700	10	\$100	
200/							
			2027	\$14 400	1	\$1.700	
			2021	$\psi_1 + \psi_0$	1	φ1,/00	
2070				. ,			
80%				. ,			
	Total 100% Other Obsection Location Explanat 100% 95% 5% 30% 65% 70% Insulation Location 30% 100% 00% 00% 00% 100% 90% Other Obsection Location 100% 90% Other Obsection Explanat 100% 50% 100% 50% 100% 80%	% of Total Fail Date (Years) 100% 0ther Observation, E Location : Electrica Explanation : Two 100% 100% 95% 5% 5% 30% 5% 30% 100% 100% 95% 5% 5% 30% 100% 2-4 Insulation Aged, Extent Location : Through 30% 30% 100% 100% 100% 100% 100% 50% 50% 50% 50% 50% 100% 100% 80% 80%	Current Repair % of Fail Date Estimated Cost Total (Years) 100% Other Observation, Extent : Moderate, A Location : Electrical Room Explanation : Two 400 Ampere Main : 100% 95% 5% 30% 5% 30% 100% 00% 00% 00% 00% 00her Observation, Extent : Moderate, Area Location : Throughout 30% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50%	% of Total (Years) Year FY 100% 2027 Other Observation, Extent : Moderate, Area Affe Location : Electrical Room Explanation : Two 400 Ampere Main Disconne 100% 2027 95% 2027 95% 2027 95% 2027 5% 2027 5% 2027 5% 2027 5% 2027 5% 2027 5% 2027 5% 2027 5% 2026 30% 2043 65% 2026 100% 2043 65% 2026 100% 2043 100% 2040 100% 2047 100% 2040 100% 2022 0ther Observation, Extent : Moderate, Area Affected Location : Throughout The Building Explanation : T-12 Lamps 10% 2022 50% 2022 50% 2022 <td>Current RopairFuture Replacement% of TotalFail Date Estimated Cost FYYear FYEstimated Cost FY100%2027\$2,700Other Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Room Explanation : Two 400 Ampere Main Disconnect Switches100%2027\$34,20095%2027\$31,500 20475%2026\$1,20030%2043** 65%70%2-4\$20,500 2026\$15,40070%2-4\$20,500 2026\$15,40030%2047** 100%100%2047** 2026100%2047** 2026100%2047** 2022100%2040** 2040100%2040** 2040100%2022\$214,100 20400ther Observation, Extent : Light, Area Affected : 100% Location : Throughout The Building Explanation : T-12 Lamps10%2022\$23,80050%2022\$16,000 202250%2022\$16,000 202250%2022\$16,000 202250%2022\$89,700</td> <td>$\begin{tabular}{ c c c c c } \hline Current Repair & Future Replacement & M \\ \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$</td> <td>$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$</td>	Current RopairFuture Replacement% of TotalFail Date Estimated Cost FYYear FYEstimated Cost FY100%2027\$2,700Other Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Room Explanation : Two 400 Ampere Main Disconnect Switches100%2027\$34,20095%2027\$31,500 20475%2026\$1,20030%2043** 65%70%2-4\$20,500 2026\$15,40070%2-4\$20,500 2026\$15,40030%2047** 100%100%2047** 2026100%2047** 2026100%2047** 2022100%2040** 2040100%2040** 2040100%2022\$214,100 20400ther Observation, Extent : Light, Area Affected : 100% Location : Throughout The Building Explanation : T-12 Lamps10%2022\$23,80050%2022\$16,000 202250%2022\$16,000 202250%2022\$16,000 202250%2022\$89,700	$\begin{tabular}{ c c c c c } \hline Current Repair & Future Replacement & M \\ \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$

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.

Asset # : 4204

Mechanical		Current I	Repair	Futur	e Replacement	N	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating								
Energy Source								
Natural Gas	100%			2047	* *	1		
Conversion Equipment								
Hot Water Boiler		Now	\$3,400	2040	* *	1	\$10,000	
	•	-	nt : Moderate, Area		d : 5%			
			tat Control System					
			xtent : Light, Area	Affected	! : 100%			
		n : Basemer						
D ¹ · · ¹	Explana	tion : One	Unit					
Distribution	1000/			2042	* *	4	¢1 100	
Hot Wtr Piping/Pump	100%			2043	* *	4	\$1,100	
Terminal Devices	400/			2022	* *	1	Φ <i>Ε</i> (00	
Air Handler	40%			2032	* *	1	\$5,600 \$4,400	
Convector/Radiator	60%			2040	* *	1	\$4,400	
Air Conditioning								
Energy Source Electricity	100%			2043	* *	1		
Conversion Equipment	10070			2043		1		
Exterior Pkg Unit -	100%	Now	\$9,000	2032	* *	2	\$1,100	
Cooling	10070	110 W	\$7,000	2052		2	\$1,100	
coomig	•	-	nt : Moderate, Area tat Control System	a Affecte	d : 5%			
Terminal Devices	Location	. 1110111105						
Air Handler/Dir	100%			2032	* *	1		
Expansion	10070			2032		1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,500	
Exhaust Fans								
Interior		Now	\$400	2032	* *	2	\$100	
			lerate, Area Affecte	ed : 5%				
	Location	i : Bathrooi	ns					
Roof	90%			2032	* *	2	\$600	
lumbing								
H/C Water Piping								
Galvanized Steel	100%			2032	* *	1		
Water Heater								
Gas Fired	100%			2025	\$13,600	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								

Vertical Transport

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

Asset # : 4204

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

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Exterior Architecture \$186,800 Interior Architecture \$42,900 Electrical \$177,000 Mechanical \$258,600 Total \$665,300 Importance Code A \$186,800 Importance Code B \$478,500 Total \$665,300 Expense FY 2021 FY 2023 Exterior Architecture \$15,600 Interior Architecture \$13,600 Exterior Architecture \$13,600 Sterior Architecture \$13,600 Stenclosure \$2,100 \$2,400 Site Pavements \$3,600 Total \$116,500 \$3,400 Importance Code A \$16,400 \$800 Importance Code A \$16,400 \$800 Importance Code B \$79,700 \$2,100 \$2,800			BRANCH LIBR				
Program / Asset # : BPL0P69.000 / 13261Yr Built/Renovated : 1903 / 2000Area Sq Ft: 15,758Project Type: BROOKLYN PUBLIC LI Landmark StatusDate of Survey: 26-Oct-2017Landmark Status: NONEAreas Surveyed: Basement, Floors 1.2,MezBlock: 928Lot: 6Block: 928Lot: 6BIN: 3018376CAPITALFY 2021 - 2024FExterior Architecture\$186,800FInterior Architecture\$186,800\$107,000Mechanical\$2258,600STotal\$665,300Importance Code A\$186,800Importance Code B\$478,500Exterior Architecture\$15,600Interior Architecture\$13,600Stoto\$500Steterior Architecture\$13,600Stoto\$500Steterior Architecture\$13,600Stoto\$500Steterior Architecture\$13,600Stoto\$500Steterior Architecture\$13,600Stoto\$2,900Site Enclosure\$2,700Site Enclosure\$2,700Site Pavements\$3,600Total\$16,400Stoto\$800Importance Code A\$16,400Stoto\$2,800Importance Code B\$79,700S2,100\$2,800Importance Code C\$20,500Stoto\$2,000				PACIFIC			
Area Sq Ft : 15,758 Project Type : BROOKLYN PUBLIC LI Date of Survey : 26-Oct-2017 Landmark Status : NONE Areas Surveyed : Basement, Floors 1,2,Mez Block : 928 Lot : 6 BIN : 3018376 CAPITAL FY 2021 - 2024 F Exterior Architecture \$186,800 F Interior Architecture \$186,800 \$177,000 Mechanical \$258,600 S258,600 Total \$665,300 \$665,300 F S665,300 S600 Importance Code A \$18,600 \$186,800 S600 S600 Interior Architecture \$13,600 \$500 S600 S600 Total \$665,300 S600 S600 S600 S600 S600 Expense FY 2021 FY 2022 FY 2023 FY 2023 S28,600 S600 S6	5						
Landmark Status : NONE Areas Surveyed : Basement, Floors 1.2,Mez Block : 928 Lot : 6 BIN : 3018376 CAPITAL FY 2021 - 2024 F Block : 928 Lot : 6 BIN : 3018376 CAPITAL FY 2021 - 2024 F Exterior Architecture \$186,800 F F 2021 - 2024 F Exterior Architecture \$186,800 \$186,800 \$42,900 Electrical \$177,000 Mechanical \$258,600 \$258,600 \$258,600 \$258,600 \$258,600 \$258,600 \$258,600 \$258,600 \$250 \$258,600 \$250 \$258,600 \$250 \$258,600 \$250 \$258,600 \$250 \$258,600 \$250 \$258,600 \$250 \$258,600 \$250 \$250 \$250 \$250 \$250 \$250 \$250 \$250 \$250 \$250 \$250 \$2500 \$2,900 \$2,900 \$2,900 \$2,900 \$2,900 \$2,900 \$2,900 \$2,900 \$2,900 \$2,900 \$2,900 \$2,900 \$2,900 \$2,900 \$2,900 \$2,900 <th>-</th> <th></th> <th>0.000 / 13261</th> <th></th> <th></th> <th></th> <th></th>	-		0.000 / 13261				
Areas Surveyed : Basement, Floors 1,2,Mez Block : 928 Lot : 6 BIN : 3018376 CAPITAL FY 2021 - 2024 F F Exterior Architecture \$186,800 1 F Interior Architecture \$186,800 \$177,000 Second Second Second Mechanical \$258,600 \$177,000 Second Sec	-	,			0 01	: BROOKLYN PUBL	IC LIBRARY
Block : 928 Lot : 6 BIN : 3018376 CAPITAL FY 2021 - 2024 F Exterior Architecture \$186,800 F Interior Architecture \$186,800 F Etericial \$177,000 Second Mechanical \$258,600 Second Total S665,300 Second Importance Code A \$186,800 Second Importance Code B \$478,500 Second Exterior Architecture \$15,600 Second Interior Architecture \$13,600 \$500 Exterior Architecture \$13,600 \$500 Electrical \$13,600 \$2,900 Site Enclosure \$2,700 \$2,400 \$2,900 Site Enclosure \$2,700 \$2,400 \$2,900 Site Pavements \$3,600 \$800 \$800 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code B \$79,700 <th>e of Survey</th> <th>: 26-Oct-20</th> <th>017</th> <th></th> <th>Landmark Status</th> <th>: NONE</th> <th></th>	e of Survey	: 26-Oct-20	017		Landmark Status	: NONE	
CAPITAL FY 2021 - 2024 F Exterior Architecture \$186,800 Interior Architecture \$42,900 Electrical \$177,000 Mechanical \$258,600 Mechanical \$665,300 Importance Code A \$186,800 Importance Code A \$186,800 Importance Code B \$478,500 Total \$665,300 \$665,300 \$665,300 ExpEnse FY 2021 FY 2023 \$79,000 \$500 Exterior Architecture \$15,600 \$500 \$600 Interior Architecture \$79,000 \$500 \$600 Steterior Architecture \$13,600 \$500 \$600 Interior Architecture \$2,100 \$2,400 \$2,900 Site Enclosure \$2,700 \$3,600 \$800 Site Pavements \$3,600 \$800 \$800 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code B \$79,700 \$2,100 \$2,800	as Surveyed	: Basement	t, Floors 1,2,Mez				
Exterior Architecture \$186,800 Interior Architecture \$42,900 Electrical \$177,000 Mechanical \$258,600 Total \$665,300 Importance Code A \$186,800 Importance Code B \$478,500 Total \$665,300 ExPENSE FY 2021 FY 2023 Exterior Architecture \$15,600 Interior Architecture \$13,600 \$500 Exterior Architecture \$13,600 \$600 Sterior Architecture \$13,600 \$500 Site Enclosure \$2,700 \$2,400 \$2,900 Site Enclosure \$3,600 \$3,600 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code A \$16,400 \$800 \$800 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500	ek	: 928	Lot : 6	í	BIN	: 3018376	
Interior Architecture \$42,900 Electrical \$177,000 Mechanical \$258,600 Total \$665,300 Importance Code A \$186,800 Importance Code B \$478,500 Total \$665,300 ExpENSE FY 2021 FY 2023 Exterior Architecture \$15,600 Interior Architecture \$13,600 \$500 Electrical \$13,600 \$500 Site Enclosure \$2,700 \$2,400 \$2,900 Site Pavements \$3,600 \$3,600 \$800 Importance Code A \$16,400 \$800 \$2,800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$20,500	PITAL				FY 2021 - 2024		FY 2025 - 2030
Electrical \$177,000 Mechanical \$258,600 Total \$665,300 Importance Code A \$186,800 Importance Code B \$478,500 Total \$665,300 ExpEnse FY 2021 FY 2022 Exterior Architecture \$15,600 \$600 Interior Architecture \$13,600 \$500 Electrical \$13,600 \$500 Site Enclosure \$2,700 \$2,400 Site Pavements \$3,600 \$3,600 Importance Code A \$16,400 \$800 Importance Code B \$79,700 \$2,100 Site Pavements \$3,600 \$3,600	terior Architectu	ire			\$186,800		
Mechanical \$258,600 Total \$665,300 Importance Code A \$186,800 Importance Code B \$478,500 Total \$665,300 Expense FY 2021 FY 2022 FY 2023 Exterior Architecture \$15,600 \$500 \$600 Interior Architecture \$17,000 \$500 \$600 Electrical \$13,600 \$500 \$600 Site Enclosure \$2,700 \$2,900 \$3600 Site Pavements \$3,600 \$3,400 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800	erior Architectur	re			\$42,900		\$219,900
Total \$665,300 Importance Code A \$186,800 Importance Code B \$478,500 Total \$665,300 ExpEnse FY 2021 FY 2022 FY 2023 Exterior Architecture \$15,600 FY 2023 FY 2023 Exterior Architecture \$79,000 \$500 \$6600 Interior Architecture \$79,000 \$500 \$6600 Electrical \$13,600 \$500 \$600 Mechanical \$2,100 \$2,400 \$2,900 Site Enclosure \$2,700 \$3600 \$3600 Total \$116,500 \$3,400 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$500	ectrical				\$177,000		
Importance Code A \$186,800 Importance Code B \$478,500 Total \$665,300 ExpENSE FY 2021 FY 2022 FY 2023 Exterior Architecture \$15,600 \$500 \$600 Interior Architecture \$79,000 \$500 \$600 Electrical \$13,600 \$500 \$600 Mechanical \$2,100 \$2,400 \$2,900 Site Enclosure \$3,600 \$3,600 \$3,600 Total \$116,500 \$3,400 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$2,800	echanical				\$258,600		
Importance Code B \$478,500 Total \$665,300 EXPENSE FY 2021 FY 2022 FY 2023 Exterior Architecture \$15,600 \$500 \$660 Interior Architecture \$13,600 \$500 \$600 Electrical \$13,600 \$500 \$600 Mechanical \$2,100 \$2,400 \$2,900 Site Enclosure \$2,700 \$2,000 \$3,600 Total \$116,500 \$3,400 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$20,500	tal				\$665,300		\$219,900
From Section 2 FY 2021 FY 2022 FY 2023 Exterior Architecture \$15,600 FY 2022 FY 2023 Exterior Architecture \$15,600 \$500 \$660 Interior Architecture \$79,000 \$500 \$660 Electrical \$13,600 \$500 \$660 Mechanical \$2,100 \$2,400 \$2,900 Site Enclosure \$2,700 \$2,400 \$2,900 Site Pavements \$3,600 \$3,600 \$3,600 Total \$116,500 \$3,400 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$500	portance Code A	Δ			\$186,800		
EXPENSE FY 2021 FY 2022 FY 2023 Exterior Architecture \$15,600 \$500 \$600 Interior Architecture \$79,000 \$500 \$600 Electrical \$13,600 \$500 \$600 Mechanical \$2,100 \$2,400 \$2,900 Site Enclosure \$2,700 \$2,700 \$2,400 \$2,900 Site Pavements \$3,600 \$3,400 \$3,600 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$2,800	portance Code E	3			\$478,500		\$219,900
Exterior Architecture \$15,600 \$500 Interior Architecture \$79,000 \$500 Electrical \$13,600 \$500 Mechanical \$2,100 \$2,400 Site Enclosure \$2,700 Site Pavements \$3,600 Total \$116,500 \$3,400 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$300	tal				\$665,300		\$219,900
Interior Architecture \$79,000 \$500 Electrical \$13,600 \$500 \$600 Mechanical \$2,100 \$2,400 \$2,900 Site Enclosure \$2,700 \$2,900 \$2,900 Site Pavements \$3,600 \$3,600 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$100	PENSE		FY	2021	FY 2022	FY 2023	FY 2024
Electrical \$13,600 \$500 \$600 Mechanical \$2,100 \$2,400 \$2,900 Site Enclosure \$2,700 \$2,700 Site Pavements \$3,600 \$3,400 \$3,600 Total \$116,500 \$3,400 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$500	terior Architectu	ire	\$15	5,600			\$1,100
Mechanical \$2,100 \$2,400 \$2,900 Site Enclosure \$2,700 \$2,900 Site Pavements \$3,600 \$3,400 \$3,600 Total \$116,500 \$3,400 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$500	erior Architectur	re	\$79	,000	\$500		\$2,500
Site Enclosure \$2,700 Site Pavements \$3,600 Total \$116,500 \$3,400 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$500	ectrical		\$13	600	\$500	\$600	\$17,000
Site Pavements \$3,600 Total \$116,500 \$3,400 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$500	echanical		\$2	2,100	\$2,400	\$2,900	\$9,900
Total \$116,500 \$3,400 \$3,600 Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$500	e Enclosure		\$2	2,700			
Importance Code A \$16,400 \$800 \$800 Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500 \$2,800	e Pavements		\$3	,600			
Importance Code B \$79,700 \$2,100 \$2,800 Importance Code C \$20,500 \$500	tal		\$116	5,500	\$3,400	\$3,600	\$30,400
Importance Code C \$20,500 \$500	portance Code A	Δ	\$16	5,400	\$800	\$800	\$2,000
	portance Code E	3	\$79	,700	\$2,100	\$2,800	\$28,400
	portance Code C	2	\$20	,500	\$500		
Total \$116,500 \$3,400 \$3,600	tal		\$116	5,500	\$3,400	\$3,600	\$30,400



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

PACIFIC BRANCH LIBRARY

Asset # : 13261

chitecture	Curren	t Repair	Futur	e Replacement	M	laintenance	
tem Component Type	% of Fail Da Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Exterior Walls							
Masonry: Brick	85%		LIFE	* *	5	\$34,600	
Masonry: Fieldstone	5% Now	\$3,700	LIFE	* *	5	\$1,500	
		Extent : Moderate, Ai	rea Affect	ed: 5%			
	Location : Rear (
Masonry: Limestone	10% 4+	\$10,400	LIFE	* *	5	\$3,100	
	0	ng, Extent : Light, Ar	ea Affecte	ed : 5%			
	Location : Through	-					
		od, Extent : Modera	te, Area A	Iffected : 5%			
	Location : Throug	-					
	-	ng, Extent : Moderate	e, Area Aj	ffected : 15%			
	Location : Throug	ghout					
Windows	10/ 21	¢1 400	2011	* *			
Metal Louvers	1% Now	\$1,400	2044				
	-	Extent : Moderate, A	area Affe	ciea : 45%			
	Location : Rear A	-					
Wood	99% Now	\$133,600	2054	**	5	\$22,500	
		h, Extent : Moderate,	Area Aff	ected : 50%			
	Location : Throug	-		x 1 50/			
	-	acked, Extent : Light		fected : 5%			
		s Locations Through		<i>(</i> 1 500/			
		nt, Extent : Moderate	e, Area Aj	ijectea : 50%			
	Location : Throug	-	166	. 250/			
		ent : Moderate, Area	Affected	: 23%			
	Location : Throug	znoui					
Parapets Masonry: Brick	80% Now	\$53,200	LIFE	* *	5	\$4,400	
Masonry: Brick		\$53,200 od, Extent : Moderat			3	\$4,400	
	Location : Interio		е, лгеи л	<i>IJJecieu</i> . 1070			
		1 dee Ioderate, Area Affec	tod · 30%				
	Location : Interio		<i>icu</i> . 50/0				
Manager T' second			LIDD	* *	F	0700	
Masonry: Limestone	10%		LIFE	* *	5	\$700 \$2,100	
Metal Panel	10%		2049		5	\$2,100	
Roof Not Accessible	100%						
	10070						
Soffits Masonry: Limestone	100%		LIFE	* *	5		
wasoni y. Liniestone		ıg, Extent : Light, Ar			5		
	Location : Throug		eu Ajjecie	zu . 2570			

Interior

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

PACIFIC BRANCH LIBRARY

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лэ	361	. π		520	

Architecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors	00/				* *	-	# 1 2 0 0	
Cast in Place Concrete	8%	N	¢2.500	LIFE	* *	5	\$4,300	
Ceramic Tile	5% Broken/Mi Location	issing Elem	\$2,500 ents, Extent : Mod	2032 erate, Ar	ea Affected : 5%	5	\$600	
	Location	: Toilets	Extent : Moderate	-	-			
		: Toilets	,	<i>JJ</i>				
Quarry Tile	1%			2034	* *	5	\$400	
Sheet Vinyl/Rubber		Now	\$3,800	2029	\$76,800	5	\$1,800	
		-	amage, Extent : M or Reading Room	oaerate,	Area Affected : 5%)		
Vinyl Tile		Now	\$42,900	2029	\$143,000	3	\$6,000	
	0	Crumbling, : 2nd Floo	Extent : Moderate or	, Area A	ffected : 15%			
	Location		Extent : Light, Area at And Meeting Roc Files		! : 10%			
Vinyl Tile 9" X 9"		Now	\$8,600	2029	\$28,500	3	\$900	
		-	ents, Extent : Mod at Reading Rooms	erate, Ar	ea Affected : 15%			
	0	0	Extent : Moderate at Reading Rooms	, Area A	ffected : 15%			
Wood		Now	\$8,500	2069	* *	5	\$200	
		issing Elem : Custodia	ents, Extent : Mod in Office	erate, Ar	ea Affected : 5%			
		ed Finish, : Custodia	Extent : Moderate, in Office	Area Af	fected : 100%			
	Dry Rot/D		nt : Moderate, Area	a Affected	d : 15%			
	Split/Crac		: Moderate, Area	Affected	: 15%			

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.

PACIFIC BRANCH LIBRARY

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			A5561#.1					
rchitecture		Current	Repair	Futur	e Replacement	M	laintenance	
zstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Interior Walls	50/			2022	* *	-	¢000	
Ceramic Tile	5% 10%			2032 LIFE	* *	5	\$900 \$1,100	
Gypsum Board Plaster		Now	\$12,400	LIFE	* *	5 5	\$1,100 \$4,400	
Flaster	Cracking/ Location Water Pen	Crumbling, 1 : Basemer 1etration, E	Extent : Light, Ar nt, 1st Floor Rear I Extent : Moderate, 2	ea Affecto Exit, Mezz Area Affe	ed : 10% zanine Windows cted : 10%	5	\$4,400	
			nt, 1st Floor Rear H		zanine Windows			
Wood	Broken/M Location Misaligne	n : 2nd Floo d/Bulging,	\$2,200 nents, Extent : Moa or Reading Room Extent : Moderate, or Reading Room			5	\$3,700	
	Water Per	netration, E	xtent : Moderate, 2 or Reading Room	Area Affe	cted : 5%			
Ceilings		Now		2049		5		
AcousTileSusp.Lay-In	Broken/M Location Loose/De Location Misaligne	issing Elen 1 : Male Ba lam Surface 1 : Male Ba d/Bulging,	\$10,500 nents, Extent : Seve throom In Baseme e, Extent : Severe, A throom In Baseme Extent : Severe, An throom In Baseme	ere, Area nt Area Affe nt rea Affect	cted : 20%	5	\$600	
Gypsum Board	5%			LIFE	* *	5	\$1,500	
Plaster	Broken/M Location Cracking/	n : Basemer	Extent : Moderate			5	\$13,800	
e Enclosure								
Fence/Gates Iron Picket	Locatior Deteriora	/Rusting, E 1 : Through	Extent : Moderate,					
Free Standing Walls	20041101							
Cast in Place Concrete	Cracking/	Now Crumbling 1 : Through	\$200 Extent : Moderate out	2049 e, Area Aj	* * ffected : 10%			
Retaining Walls								
Cast in Place Concrete	Cracking/	Now Crumbling; 1 : Through	\$300 Extent : Moderate out	2049 e, Area Aj	* * ffected : 10%			
Masonry: Fieldstone	50%			2039	* *			
e Pavements								

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.

PACIFIC BRANCH LIBRARY

Asset # : 13261

		~	55et # . 13	201				
Architecture		Current Re	pair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements Public Sidewalk Cast in Place Concrete		Crumbling, E. : Throughou	xtent : Light, Ard	2034 ea Affecte	* * ed : 5%			
On-Site Walkways Cast in Place Concrete	Location Sinking/Su	Crumbling, E: : Throughou	nt : Moderate, A	-	-			
Parking/Driveway Cast in Place Concrete	Location Sinking/Su	Crumbling, E: : Throughou	nt : Moderate, A	-	-			
Electrical		Current Re	pair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Molded Case Bkrs	Location	: Electrical I	ent : Light, Area Room Iable Nameplati			5	\$400	
Switchgear / Switchboard Molded Case Bkrs	100% Other Obso Location		ent : Light, Area Room	2029	\$34,200	5	\$400	
Raceway Conduit	100%			2029	\$33,200	1		
Panelboards Fused Disc Sw Molded Case Bkrs	10% 90%			2028 2028	\$1,600 \$14,200	5 5	\$400	
Wiring Thermoplastic	100%			2029	\$29,300	1		
Motor Controllers Locally Mounted Ground	100%			2027	\$32,000	5	\$100	
Grounding Devices Generic	Location	2-4 ervation, Exte : Boiler Root ion : Corrode		LIFE Area Affe	* * ccted : 100%	5	\$200	

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.

PACIFIC BRANCH LIBRARY

Asset # : 13261

	ASSet # . 15261							
lectrical	Current Repair Future Replacement				Μ	Maintenance		
ystem Component Type		ail Date Estimated C Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori	
ghting								
Interior Lighting								
Fluorescent	75%		2024	\$125,200	10	\$10,800		
		vation, Extent : Light, A Throughout The Buildi		. 100%				
		n : T-12 Lamps	<i>"S</i>					
Fluorescent	3%	X	2034	* *	10	\$400		
	Compact Flu Location :	orescent Light, Extent Basement	: Light, Area	Affected : 100%				
Fluorescent	20%		2034	* *	10	\$2,900		
	T-8 Lamps A	nd Fixtures, Extent : L	ight, Area Afj	fected : 100%				
	Location :	Offices, 2nd Floor, Toi	lets, Basemer	1t				
Fluorescent	2%			* *				
	v	ng, Extent : Light, Area	a Affected : 1	00%				
	Location :	Basement						
Egress Lighting Emergency, Battery	50%		2034	* *	10	\$1,900		
Exit, Service	50%		2034	* *	10	\$1,900		
Exterior Lighting	5070		2054		1			
HID	30%		2029	\$18,900	10			
No Component	70%							
larm								
Security System	700/							
No Component Generic	70% 30%		2037	* *	1	\$1,800		
Generic		vation, Extent : Light, A		: 100%	1	\$1,800		
		Inside And Outside	55555					
	Explanatio	n : CCTV Surveillance	Cameras					
Fire/Smoke Detection								
No Component	70%					* * * *		
Generic, Analog		Now \$51,80		* *	1-3	\$2,600		
	Location :	vation, Extent : Light, A Hallways	area Affectea	: 100%				
		n : Fire Alarm System I	Is Not Functi	onal Alarm Rells	And Mar	wal Pull Stations		
	Explanatio	i . 1 i c marm System 1	is not i unen	mai. maim bens	1111a 101ai	inui 1 nii Stutions		
lechanical	(Current Repair	Futur	e Replacement	М	aintenance		
ystem	% of F	ail Date Estimated C	ost Year	Estimated Cost	Cvcle	Estimated Cost	Prior	
Component Type		Years)	FY		(Yrs)			
eating Energy Source								
Natural Gas	100%		2039	* *	1			
Conversion Equipment			,		-			
Hot Water Boiler	100%		2034	* *	1	\$7,800		
	O_{i}	vation, Extent : Light, A	1 100 1	1000/				

Location : Basement

Explanation : One Gas Fired Hot Water Boiler

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.

PACIFIC BRANCH LIBRARY

Asset # : 13261

Mechanical		Current F	Repair	Futur	e Replacement	Μ		
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	100%			2045	* *	4	\$1,200	
Terminal Devices								
Air Handler	80%			2024	\$175,600	1	\$7,800	
		-	tent : Moderate, A				• · · ·	
		: Roof And	l Basement, Equipi		proaching Useful L	ife Cycle		
Convector/Radiator	20%			2034	* *	1	\$1,000	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	25%	Now	\$83,000	2034	* *	2	\$200	
6 6	Unit Inope	rable, Exte	ent : Moderate, Are	a Affecte	ed : 50%			
	Location	: Basemen	t					
Window/Wall Unit	25%			2024	\$8,100	1		
Not Accessible	50%			_0	\$0,100	•		
	Other Obs		xtent : Light, Area	Affected	': 0%			
	Location Explana	-	ccess To Survey Pa	icka a a U	nit On Roof			
Ventilation	Блрійни	1011 . 110 21	<i>cess 10 Survey 1</i> a	erage 0	nii On Rooj			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,800	
Exhaust Fans	10070			211 2			\$0,000	
No Component	50%							
Not Accessible	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
Water Heater								
Gas Fired	100%			2028	\$9,500	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)				2022	\$500	4	\$500	
Sump Pump(s) Submersible	100%							
	100%							
Submersible	100%							
Submersible Backflow Preventer				2029	\$800	1	\$200	
Submersible Backflow Preventer No Component	80% 20%	ervation, E	xtent : Light, Area			1	\$200	
Submersible Backflow Preventer No Component	80% 20% Other Obs	ervation, E : Basemen	-			1	\$200	
Submersible Backflow Preventer No Component Generic	80% 20% Other Obs Location		- t			1	\$200	
Submersible Backflow Preventer No Component	80% 20% Other Obs Location	: Basemen	- t			1	\$200	

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

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	 431 SIXT BROOKI BPL0P53 15,868 31-Oct-20 	3.000 / 13262 017 t, Roof, Floors 1,	STREET	CH LIBRARY Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: 53 : 1906 / 2012 : BROOKLYN PUBL : EXTERIOR LAND : 3022144	-
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architec Mechanical	ture			\$155,100		\$575,300
Total				\$155,100		\$575,300
Importance Code Importance Code				\$155,100		\$575,300
Total				\$155,100		\$575,300
EXPENSE		FY	′ 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture	\$6	51,600	\$33,400		\$5,000
Interior Architect	ure	\$	51,800	\$2,500	\$400	
Electrical		\$	51,100	\$1,700	\$1,100	\$17,200
Mechanical		\$	52,000	\$4,100	\$2,900	\$4,100
Elevators/Escalat	ors	\$	53,900	\$3,900	\$3,900	\$3,900
Total		\$7	70,400	\$45,600	\$8,200	\$30,100
Importance Code	А	\$6	52,400	\$34,200	\$800	\$5,700
Importance Code			58,000	\$11,400	\$7,400	\$24,400
Importance Code		·	-			
Total		\$7	70,400	\$45,600	\$8,200	\$30,100



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.

BROOKLYN PUBLIC LIBRARY - 038 PARK SLOPE/PROSPECT BRANCH LIBRARY

Asset # : 13262

Architecture	Current Repair Future Replacement						Maintenance						
System Component Type		il Date Esti (ears)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit					
xterior													
Exterior Walls	0.50()	-				_	** *						
Masonry: Brick	85% N Efflorescence, Location : T Vegetation Gi Location : 8	Extent : Mo hroughout owth, Exten				5	\$30,300						
Masonry: Limestone	10%	4+	\$49,800	LIFE	* *	5	\$2,700						
	Vegetation Gr Location : T	owth, Exten			ected : 15%	0	\$2,700						
Stucco Cement	5% N Cracking/Cru Location : T Loose/Delam Location : N Other Observ Location : T Explanation	mbling, Exte hroughout M Surface, Ext Ioat Areas ation, Extent hroughout	Aost Areas ent : Severe, A t : Light, Area	Area Affe	cted : 20%	5	\$2,200						
Windows													
Aluminum	100% N Ctrwt/Balnc N Location : T Unit Inoperab Location : T	lot Funct, Ex hroughout he, Extent : 1			* * Affected : 15% ed : 20%	5	\$2,800						
Parapets Masonry: Brick	85% N Jnt Mortar M Location : T	iss/Erod, Ext	\$11,600 tent : Modera	LIFE te, Area A	* * Affected : 25%	5	\$3,500						
Masonry: Limestone	Cracking/Cru Location : R	oof iss/Erod, Ext			* * ffected : 5% Affected : 50%	5	\$500						
Metal Panel	5%			2049	* *	5	\$800						
Roof													
Metal Panel	80%			2042	* *	10	\$33,400						
Modified Bitumen	20%			2034	* *	10	\$4,600						
Soffits							. , -						
Masonry: Limestone	100%			LIFE	* *	5							
nterior													
Floors				1 155	بال رال	-	** < < < <						
Cast in Place Concrete	5%			LIFE	* *	5	\$2,600						
Ceramic Tile	3%			2038	* *	5	\$700						
Glass Block	5%			2057	* *	1							
Glass Block Mosaic Tile Vinyl Tile	5% 2% 85%			2057 2046 2034	* * * * *	1 5 3	\$1,200 \$7,500						

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

BROOKLYN PUBLIC LIBRARY - 038 PARK SLOPE/PROSPECT BRANCH LIBRARY

Asset # : 13262

Architecture		Current Repair	Futur	Future Replacement Maintenance			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	1	Estimated Cost		Estimated Cost	Priority
Interior			-				
Interior Walls							
Concrete Masonry Unit	5%		LIFE	* *	5	\$300	
Glass: Single Pane	5%		LIFE	* *	5	\$600	
Gypsum Board	10%		LIFE	* *	5	\$900	
Plaster	70%		LIFE	* *	5	\$3,200	
Wood	5%		LIFE	* *	5	\$3,000	
Wood	5%		LIFE	* *	5	\$3,000	
Ceilings							
AcousTileSusp.Lay-In	10%		2046	* *	5	\$2,300	
Glass: Susp Panels	10%		LIFE	* *			
Plaster	80%		LIFE	* *	5	\$11,700	
Site Enclosure							
Fence/Gates							
Chain Link	5%		2049	* *			
Iron Picket	95%		2064	* *			
Retaining Walls							
Cast in Place Concrete	100%		2064	* *			
		ervation, Extent : Light, Area	Affected	: 100%			
	Location	e : Various					
	Explana	tion : Covered With Stucco Ce	ement				
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2042	* *			
Parking/Driveway							
Cast in Place Concrete	100%		2042	* *			
Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

1.1

Switchgear / Switchboard									
Molded Case Bkrs	100%	2039	* *	5	\$400				
	Other Observation, Exten	t : Light, Area Affected : 100%							
	Location : Electrical Ro	oom							
	Explanation : Main Service Disconnect Switch In The Switchboard And No Available Nameplate Rating Capacity.								
Raceway									
Conduit	70%	2039	* *	1					
Conduit	30%	2049	* *	1					
Panelboards									
Fused Disc Sw	5%	2037	* *	5					
Molded Case Bkrs	10%	2037	* *	5					
Molded Case Bkrs	85%	2045	* *	5	\$400				
Wiring									
Thermoplastic	30%	2049	* *	1					
Thermoplastic	70%	2039	* *	1					

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.

BROOKLYN PUBLIC LIBRARY - 038 PARK SLOPE/PROSPECT BRANCH LIBRARY

Asset # : 13262

Electrical		Current Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Motor Controllers							
Locally Mounted	40%		2027	\$13,900	5		
Locally Mounted	30%		2042	* *	5		
Locally Mounted	30%		2034	* *	5		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
Lighting							
Interior Lighting	200/		2024	* *	10	¢4.400	
Fluorescent	30%	And Fintures Futent , Light	2034		10	\$4,400	
	-	And Fixtures, Extent : Light,					
		: Hallways, Basement And 2			1.0	** • • • •	
Fluorescent	20%		2034	**	10	\$2,900	
	-	And Fixtures, Extent : Light,		fected : 100%			
		: Basement And 1st, 2nd Flo					
Fluorescent	50%		2034	**	10	\$7,300	
	-	Fluorescent Light, Extent : Lig : Basement And Reading Are	-	Affected : 100%			
Egress Lighting							
Emergency, Battery	15%		2029	\$3,700	10	\$600	
Emergency, Battery	35%		2034	* *	10	\$1,300	
Exit, LED	30%		2057	* *	1		
Exit, Service	10%		2029	\$300	1		
Exit, Service	10%		2034	* *	1		
Exterior Lighting							
HID	20%		2029	\$13,800	10		
No Component	80%						
Lightning Protection							
Arresters/Cabling							
Generic	100%		2032	* *	5	\$500	
Alarm							
Security System							
No Component	70%					• · · · ·	
Generic	30%		2034	* *	1	\$1,800	
		ervation, Extent : Light, Area	00				
		: Reading Areas, Hallways A		de			
	Explana	tion : CCTV Surveillance Car	neras				
Fire/Smoke Detection	1000/		2024	* *	1.2	\$0,000	
Generic, Digital	100%	amention Factorit I - 1.4 4	2034		1-3	\$9,800	
		ervation, Extent : Light, Area	Ajjecied	. 100%0			
		: Throughout The Building tion : Strobe Lights, Manual I	D. 11 C4	ong 11 an. D-11 (mak-D	testone A. JII-	
	Explana	tion . Strobe Lignis, Manual I		ons, Alurin Dells, S	moke De	electors And Horns	

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

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.
BROOKLYN PUBLIC LIBRARY - 038 PARK SLOPE/PROSPECT BRANCH LIBRARY

Asset # : 13262

Mechanical		Current Repair	Future Replacement Maintenance				
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2042	* *	1	\$7,900	
		ervation, Extent : Light, Area	Affected	: 100%			
		: Basement	D 1				
Distribution	Explanal	tion : 1 Gas Fired How Water	Boller				
Hot Wtr Piping/Pump	100%		2037	* *	4	\$1,200	
Terminal Devices	10070		2037		4	\$1,200	
Air Handler	60%		2034	* *	1	\$5,900	
Convector/Radiator	20%		2034	* *	1	\$1,000	
Convector/Radiator	20%		2031	* *	1	\$1,000	
Air Conditioning	_0/0		2012		-	\$1,000	
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
					-		
Interior Pkg Unit -	90%		2030	\$575,300	2	\$900	
				-	2	\$900	
Interior Pkg Unit -	R-22 Refri	gerant, Extent : Light, Area A	ffected :	100%	2	\$900	
Interior Pkg Unit - Cooling	R-22 Refri Location	gerant, Extent : Light, Area A : 2 Units. Basement Mechani	ffected : ical Roon	100% n And Fan Room	2	\$900	
Interior Pkg Unit - Cooling Window/Wall Unit	R-22 Refri		ffected :	100%	2	\$900	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection	R-22 Refri Location 10%		ffected : ical Roon 2027	100% n And Fan Room \$3,600	1		
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser	R-22 Refri Location		ffected : ical Roon	100% n And Fan Room		\$900	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit	R-22 Refri Location 10%		ffected : ical Roon 2027	100% n And Fan Room \$3,600	1		
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit /entilation	R-22 Refri Location 10%		ffected : ical Roon 2027	100% n And Fan Room \$3,600	1		
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit Ventilation Distribution	R-22 Refri Location 10%		ffected : ical Room 2027 2034	100% n And Fan Room \$3,600 * *	1 2	\$11,100	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit /entilation Distribution Ductwork/Diffusers	R-22 Refri Location 10%		ffected : ical Roon 2027	100% n And Fan Room \$3,600	1		
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit /entilation Distribution Ductwork/Diffusers Exhaust Fans	R-22 Refri Location 10% 100%		lffected : ical Room 2027 2034 LIFE	100% n And Fan Room \$3,600 * *	1 2 2-5	\$11,100	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit Ventilation Distribution Ductwork/Diffusers Exhaust Fans Interior	R-22 Refri Location 10% 100% 100% 90%		lffected : ical Room 2027 2034 LIFE 2034	100% n And Fan Room \$3,600 ** **	1 2 2-5 2	\$11,100 \$8,800 \$400	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit Ventilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof	R-22 Refri Location 10% 100%		lffected : ical Room 2027 2034 LIFE	100% n And Fan Room \$3,600 * *	1 2 2-5	\$11,100	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit /entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof	R-22 Refri Location 10% 100% 100% 90%		lffected : ical Room 2027 2034 LIFE 2034	100% n And Fan Room \$3,600 ** **	1 2 2-5 2	\$11,100 \$8,800 \$400	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit /entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping	R-22 Refri Location 10% 100% 100% 90% 10%		ffected : ical Room 2027 2034 LIFE 2034 2029	100% n And Fan Room \$3,600 ** **	1 2 2-5 2 2	\$11,100 \$8,800 \$400	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit /entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping Brass/Copper	R-22 Refri Location 10% 100% 100% 90%		lffected : ical Room 2027 2034 LIFE 2034	100% n And Fan Room \$3,600 ** ** ** \$2,800	1 2 2-5 2	\$11,100 \$8,800 \$400	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit /entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping Brass/Copper Water Heater	R-22 Refri Location 10% 100% 100% 90% 10%		lffected : ical Room 2027 2034 LIFE 2034 2029 2039	100% n And Fan Room \$3,600 ** ** ** \$2,800 **	1 2 2-5 2 2 1	\$11,100 \$8,800 \$400 \$100	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit /entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired	R-22 Refri Location 10% 100% 100% 90% 10%		ffected : ical Room 2027 2034 LIFE 2034 2029	100% n And Fan Room \$3,600 ** ** ** \$2,800	1 2 2-5 2 2	\$11,100 \$8,800 \$400	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit Ventilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping Brass/Copper Water Heater	R-22 Refri Location 10% 100% 100% 90% 10%		lffected : ical Room 2027 2034 LIFE 2034 2029 2039	100% n And Fan Room \$3,600 ** ** ** \$2,800 **	1 2 2-5 2 2 1	\$11,100 \$8,800 \$400 \$100	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit /entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping	R-22 Refri Location 10% 100% 100% 90% 10% 100%		Iffected : ical Room 2027 2034 LIFE 2034 2029 2039 2027	100% n And Fan Room \$3,600 ** ** ** \$2,800 ** \$10,400	1 2 2-5 2 2 1 2	\$11,100 \$8,800 \$400 \$100	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit /entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron	R-22 Refri Location 10% 100% 100% 90% 10% 100%		Iffected : ical Room 2027 2034 LIFE 2034 2029 2039 2027	100% n And Fan Room \$3,600 ** ** ** \$2,800 ** \$10,400	1 2 2-5 2 2 1 2	\$11,100 \$8,800 \$400 \$100	
Interior Pkg Unit - Cooling Window/Wall Unit Heat Rejection Air Cooled Condenser Unit /entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron Storm Drain Piping	R-22 Refri Location 10% 100% 100% 90% 10% 100% 100%		Effected : ical Room 2027 2034 LIFE 2034 2029 2039 2027 LIFE	100% n And Fan Room \$3,600 ** ** \$2,800 ** \$10,400 **	1 2 2-5 2 2 1 2 1	\$11,100 \$8,800 \$400 \$100	

Vertical Transport

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

BROOKLYN PUBLIC LIBRARY - 038 PARK SLOPE/PROSPECT BRANCH LIBRARY

Asset # : 13262

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Vertical Transport				
Elevators				
Hydraulic	100%	LIFE **		
-	Other Observation, Extent : Light, Area	Affected : 100%		
	Location : Basement Through Mezzan	ine		
	Explanation : 1 Unit			

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	: 7 WOLC : BROOK	LYN 0.000 / 13263 017	H LIBRARY WIGHT STR	REET Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: 70 : 1975 / 2013 : BROOKLYN PUBI : NONE : 3008650	JC LIBRARY
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Electrical				\$79,400		
Mechanical						\$186,800
Total				\$79,400		\$186,800
Importance Code	В			\$79,400		\$186,800
Total				\$79,400		\$186,800
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$6,400	\$5,100		\$19,600
Interior Architect	ure			\$1,200	\$200	\$400
Electrical			\$500	\$700	\$600	\$8,700
Mechanical			\$2,700	\$1,500	\$3,100	\$1,500
Site Enclosure			\$2,500			
Site Pavements			\$3,800			
Total			\$15,800	\$8,500	\$3,900	\$30,300
Importance Code	А		\$6,800	\$5,500	\$400	\$20,100
Importance Code	В		\$6,600	\$3,000	\$3,500	\$10,200
Importance Code			\$2,500		·	-
Total			\$15,800	\$8,500	\$3,900	\$30,300



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.

Asset # : 13263

Architecture		Current F	Repair	Futur	e Replacement	nt Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori	
terior									
Exterior Walls	100/		* < 100			_	** < ~ ~ ~		
Cast in Place Concrete		Now	\$6,400	LIFE	* *	5	\$26,900		
	-	•	nt, Extent : Moder		•••	Durisla	Sturrat Emanda		
			le Of Overhang At		trance And Along	Dwight	Street Facaae		
			derate, Area Affec		to And Alena Devi	- 1.4 C4	t En anda		
		: Corner A	t Dwight and Wol		8	2			
Glass Block	5%			LIFE	* *	5	\$400		
Masonry: Brick	55%			LIFE	* *	5	\$7,400		
Parapets									
Stucco Cement	100%			2042	* *	5	\$10,200		
Roof									
Modified Bitumen	100%			2034	* *	10	\$19,600		
	0		tent : Moderate, A	rea Affec	ted : 10%				
		: Through							
	U	0	ht, Area Affected :	5%					
		: Through							
			Extent : Light, Area	Affected	: 2%				
	Location	: Through	out						
Soffits									
Pre-Cast Concrete	100%			LIFE	* *	5			
terior									
Floors									
Cast in Place Concrete	8%			LIFE	* *	5	\$1,800		
Ceramic Tile	4%			2038	* *	5	\$400		
Vinyl Tile	88%			2034	* *	3	\$3,500		
Interior Walls									
Cast in Place Concrete	10%			LIFE	* *				
Concrete Masonry Unit	85%			LIFE	* *	5	\$4,900		
Masonry: Brick	5%			LIFE	* *				
Ceilings									
AcousTileSusp.Lay-In	8%			2034	* *	5	\$800		
	Staining/L	Discoloring,	Extent : Light, Ar	ea Affect	ed : 10%				
	Location	: Multipur	pose Meeting Room	m And St	aff Lounge				
Exposed Concrete	92%			LIFE	* *	5	\$1,500		
-	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%				
	Location	: Through	out						
	Explana	tion : Preca	st Concrete T Sect	tions					
te Enclosure									
Fence/Gates									
Iron Picket	100%	2-4	\$2,500	2049	* *				
	Corrosion	/Rusting, E.	xtent : Moderate, A	Area Affe	cted : 10%				
	Location	: Through	out						
te Pavements									
Public Sidewalk									
Cast in Place Concrete	100%	4+	\$3,800	2042	* *				
	Cracking/	Crumbling,	Extent : Light, Ar	ea Affecte	ed : 5%				
	Location	: Through	out						

Asset # : 13263

			Asset # 13	203				
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 Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2042	* *			
Activity Yard								
Cast in Place Concrete	100%			2042	* *			
	-	Crumbling, 1 : Through	Extent : Light, Ard out	ea Affect	ed : 5%			
Electrical		Current F	Repair	Futur	e Replacement	м	aintenance	
System	0/ of							Deriouite
Component Type	% of Total	(Years)	Estimated Cost	Y ear FY	Estimated Cost	(Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2049	* *	5	\$200	
			Extent : Light, Area	Affected	: 100%			
		i : Electrica		<i>~</i>	D 1 4 9 5 9 4			
	Explana	tion : Main	Service Disconnee	t Switch	Rated At 350 Amp	eres		
Switchgear / Switchboard	1000/			2040	- بە - بە	-	#2 00	
Molded Case Bkrs	100%			2049	* *	5	\$200	
			Extent : Light, Area	Affected	: 100%			
		i : Electrica						
	Explana	tion : One	Vertical Section					
Raceway	0.00/			2020	* *	1		
Conduit	80% 20%			2039	* *	1		
Conduit Panelboards	20%			2049	• •	1		
Molded Case Bkrs	80%			2028	\$12,700	5	\$200	
Molded Case Bkrs	20%			2028	\$12,700 * *	5 5	\$200	
Wiring	2070			2043		5		
Thermoplastic	80%			2039	* *	1		
Thermoplastic	20%			2039	* *	1		
Motor Controllers	2070			2049		1		
Locally Mounted	100%			2027	\$16,000	5	\$100	
Ground	10070			2027	\$10,000	5	\$100	
Grounding Devices								
Not Accessible	100%							
Lighting	10070							
Interior Lighting								
Fluorescent	98%			2024	\$77,900	10	\$6,700	
			ures, Extent : Ligh	t, Area A			40,700	
	-		out The Building		~~			
Fluorescent	2%		3	2024	\$1,600	10	\$100	
1 norescent			t Light, Extent : Lig			10	\$100	
	-	i : Mechani		,, . eu	JJ J			
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	\$900	

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

Asset # : 13263

			0200				
Electrical		Current Repair	Futu	re Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ighting							
Exterior Lighting							
LED	20%		2034	* *			
No Component	80%						
larm							
Security System							
No Component	70%						
Generic	30%		2037	* *	1	\$800	
		servation, Extent : Light, Are	ea Affected	d : 100%			
		a : Reading Areas					
	Explana	tion : CCTV Surveillance Co	ameras				
Fire/Smoke Detection							
Generic, Digital	100%		2037	* *	1-3	\$4,600	
		servation, Extent : Light, Are		d : 100%			
		ı : Throughout The Building					
	Explana	tion : Alarm Bells And Man	ual Pull St	ations			
lechanical		Current Repair	Futu	re Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
eating							
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							

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	\$63,100	1	\$3,500	
Compr/Chiller							
Terminal Devices							
Air Handler/Cool/Ht	100%		2029	\$83,300	1	\$4,600	
Heat Rejection							
Dry Cooler	100%		2029	\$40,400	2	\$5,200	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,200	
Exhaust Fans							
Roof	100%		2034	* *	2	\$200	
Dlumbing							

Plumbing

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

Asset # : 13263

echanical		Current Repair	Future Replacement Maintenance		aintenance		
stem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ımbing							
H/C Water Piping							
Galvanized Steel	100%		2042	* *	1		
Water Heater							
Gas Fired	100%		2027	\$4,500	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2034	* *	4	\$200	
Fixtures							
Generic	100%						

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.

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address	RUGBY BRANCH LIBRARY1000 UTICA AVE. @TILDEN AVE.		
Borough	: BROOKLYN	Agency's Number :	54
Program / Asset #	: BPL0R54.000 / 13264	Yr Built/Renovated :	1961 / 2001
Area Sq Ft	: 9,000	Project Type :	BROOKLYN PUBLIC LIBRARY
Date of Survey	: 13-Mar-2013	Landmark Status :	NONE
Areas Surveyed	: Basement, Roof, Floors 1		
Block	: 4721 Lot : 28	BIN :	3103730
CAPITAL		FY 2021 - 2024	FY 2025 - 2030

Total	\$690,900	\$90,600
Importance Code B	\$428,100	\$90,600
Importance Code A	\$262,900	
Total	\$690,900	\$90,600
Mechanical	\$353,200	
Electrical	\$4,800	\$90,600
Interior Architecture	\$70,100	
Exterior Architecture	\$262,900	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$9,000	\$300		\$700
Interior Architecture	\$1,000	\$3,700	\$200	\$1,000
Electrical	\$700	\$300	\$4,300	\$74,000
Mechanical	\$800	\$7,700	\$1,500	\$57,600
Total	\$11,500	\$12,000	\$6,000	\$133,200
Importance Code A	\$9,500	\$800	\$400	\$2,700
Importance Code B	\$2,100	\$11,300	\$5,600	\$130,500
Importance Code C				
Total	\$11,500	\$12,000	\$6,000	\$133,200



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

Asset # : 13264

rchitecture		Current I	Repair	Futur	e Replacement	Μ		
/stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
terior								
Exterior Walls								
Masonry: Brick	97%			LIFE	* *	5	\$13,600	
Pre-Cast Concrete	3%			LIFE	* *	5	\$1,400	
Windows	7.50/			2022	* *	-	 	
Aluminum	75%	N	¢0,000	2032	* *	5	\$600 \$100	
Aluminum	Deteriorat Location Caulking	t : South Ar Deteriorate	\$9,000 Extent : Moderate, ad West Facades ad, Extent : Modera		fected : 50%	5	\$100	
	Location	t : South Ar	nd West Facades					
Parapets	000/			TIPP	* *	5	¢2.200	
Masonry: Brick	90%			LIFE	* *	5	\$3,200	
Metal Panel	10%			2044	• •	5	\$1,400	
Roof Modified Bitumen		0-2 Extent : Mod : Through	\$262,900 derate, Area Affecto out	2034 ed : 20%	* *			
	Location Seams Op	: West Sid	ctent : Moderate, A					
erior								
Floors Ceramic Tile	5%			2033	* *	5	\$400	
Vinyl Tile	90%			2033	\$66,400	3	\$3,700	
Vinyl Tile	5%			2024	\$3,700	3	\$200	
vingt the		ervation, E	Extent : Moderate, A			5	\$200	
		: Boiler R		55				
	Explana	tion : 9x9 T	Files					
Interior Walls	_							
Ceramic Tile	3%			2033	* *	5	\$100	
Concrete Masonry Unit				LIFE	* *	5	\$100	
Plaster	87%			LIFE	* *	5	\$500	
Ceilings	000/			2027	* *	-	#7 400	
AcousTileSusp.Lay-In	90%			2037	* *	5	\$7,400	
Gypsum Board	10%			LIFE		5	\$1,000	
lectrical		Current I	Repair	Futur	e Replacement	м	aintenance	
vstem	0/ 0							р
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
nder 600 Volts								
Service Equipment				2024	¢1	5		
Fused Disc Sw		ervation, E : Electrica	Extent : Moderate, 2 al Room	2024 Area Affe	\$1,600 ected : 100%	5		

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

Asset # : 13264

Electrical	Current Repair	Future	Replacement	Μ	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts						
Raceway						
Conduit	90%	2024	\$29,800	1		
Conduit	10%	2044	* *	1		
Panelboards				_		
Molded Case Bkrs	75%	2040	* *	5	\$200	
Molded Case Bkrs	25%	2023	\$4,000	5	\$100	
Wiring	7.50/	2044	* *	1		
Thermoplastic	75%	2044		1		
Thermoplastic	25%	2024	\$7,300	1		
Motor Controllers	1000/	2020	¢16.000	5	¢100	
Locally Mounted	100%	2029	\$16,000	5	\$100	
bround						
Grounding Devices Generic	100%	LIFE	* *	5	\$100	
ighting	10070			5	\$100	
Interior Lighting						
Fluorescent	90%	2029	\$85,800	10	\$7,400	
	T-8 Lamps And Fixtures, Ext			10	\$7,100	
	Location : Throughout The	Building				
Fluorescent	5%	2021	\$4,800	10	\$400	
1 horeseent	T-12 Lamps And Fixtures, Ex				\$100	
	Location : Book Shelves Ar					
Fluorescent	5%	2029	\$4,800	10	\$400	
1 horeseent	Other Observation, Extent :			10	\$100	
	Location : Front Entrance					
	Explanation : Compact Flu	orescent Light Fixtu	res			
Egress Lighting	The second secon					
Emergency, Battery	50%	2029	\$6,400	10	\$1,100	
Exit, Service	50%	2029	\$700	1	-	
Exterior Lighting						
Fluorescent	25%	2024	\$7,600	10	\$200	
	Other Observation, Extent : A	Moderate, Area Affec	cted : 100%			
	Location : Front					
	Explanation : Compact Flu	orescent Light Fixtur	res			
HID	75%	2024	\$27,000	10		
Alarm						
Security System						
Generic	100%	2032	* *	1	\$3,400	
	Other Observation, Extent :		cted : 100%			
	Location : Throughout The	-				
	Explanation : CCTV Survey	llance Cameras				

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

Heating

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

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

BROOKLYN PUBLIC LIBRARY - 038

RUGBY BRANCH LIBRARY Asset # : 13264

		Asset # : 13	5264				
Mechanical		Current Repair	Futu	re Replacement	М		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							8
Energy Source							
Natural Gas	100%		2044	* *	1		
Conversion Equipment Hot Water Boiler	Location	ervation, Extent : Light, Area a : Basement Boiler Room	2037 Affected	* * 1 : 100%	1	\$4,500	
	Explana	tion : 1 Unit					
Distribution Hot Wtr Piping/Pump	100%		2032	* *	4	\$400	
Terminal Devices Air Handler Convector/Radiator	20% 80%		2024 2037	\$25,100 * *	1	\$1,100 \$2,300	
Air Conditioning	0070		2037		1	\$2,500	
Energy Source Electricity	100%		2040	* *	1		
Conversion Equipment Interior Pkg Unit - Cooling	80%		2022	\$266,700	2	\$400	
coomig	-	igerant, Extent : Light, Area A 1 : 1st Floor Equipment Room	ffected :	80%			
Int Pkg Unit - Heating/Cooling	20%		2022	\$37,900	2	\$100	
		igerant, Extent : Light, Area A 1 : 1st Floor Equipment Room	ffected :	20%			
Heat Rejection							
Dry Cooler	100%		2024	\$48,500	2	\$6,300	
Ventilation							
Distribution	1000/		LIEE	* *	2.5	\$5,000	
Ductwork/Diffusers Exhaust Fans	100%		LIFE		2-5	\$5,000	
Interior	90%		2024	\$28,600	2	\$300	
Roof	10%		2024	\$1,500	2	4500	
Plumbing	1070			\$1,000	-		
H/C Water Piping Brass/Copper	100%		2034	* *	1		
Water Heater	10070		2004		1		
Gas Fired	100%		2022	\$5,400	2	\$100	
Sanitary Piping Cast Iron	100%		LIFE	**	1		
Storm Drain Piping	100%		LILE		1		
Cast Iron	100%		LIFE	* *	1		
Fixtures Generic	100%						

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed	 5902 23R BROOKI BPL0R80 10,690 20-Sep-20 Roof, Flo).000 / 13265 017 ors 1	REET	Agency's Number Yr Built/Renovated Project Type Landmark Status	: 80 : 1970 / 1998 : BROOKLYN PUBI : NONE	JC LIBRARY
Block	: 6548	Lot :	37	BIN	: 3172049	
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architect	ture			\$221,600		
Interior Architect	ure			\$62,900		
Electrical				\$122,800		
Mechanical				\$39,800		\$299,300
Total				\$447,100		\$299,300
Importance Code	А			\$221,600		
Importance Code	В			\$225,500		\$299,300
Total				\$447,100		\$299,300
EXPENSE		F	Y 2021	FY 2022	FY 2023	FY 2024
Exterior Architect	ture	\$	25,500			\$300
Interior Architect	ure	\$	13,700	\$300	\$100	\$900
Electrical			15,300	\$800	\$700	\$23,600
Mechanical			\$6,100	\$900	\$2,800	\$24,000
Total		\$	60,600	\$2,000	\$3,700	\$48,700
Importance Code	А	\$	26,200	\$500	\$500	\$19,700
Importance Code	В	\$	34,400	\$1,500	\$3,000	\$29,100
Importance Code	С				\$100	
Total		\$	60,600	\$2,000	\$3,700	\$48,700



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

Asset # : 13265

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									
Exterior Walls									
Cast in Place Concrete	8%			LIFE	* *	5	\$3,400		
Masonry: Brick	90%			LIFE	* *	5	\$7,500		
Metal Panel	2%			2039	* *	5-10	\$1,200		
Windows Aluminum	Air Infiltre	Now ution, Exter : Through	\$25,500 nt : Moderate, Arec	2037 Affected	* * l : 25%	5	\$1,400		
	Weather S	-	g, Extent : Modera	te, Area	Affected : 100%				
Roof									
Modified Bitumen	Blisters, E	Now xtent : Moo : Through	\$221,600 derate, Area Affect out	2039 ed : 5%	* *				
	Patching Evident, Extent : Moderate, Area Affected : 25% Location : Throughout								
	0	Extent : Mo : Through	oderate, Area Affec out	ted : 5%					
	Seams Op	-	ctent : Moderate, A	rea Affec	eted : 20%				
	Water Per	etration, E	Extent : Moderate, 2 Locations Through		cted : 20%				
Soffits									
Cast in Place Concrete	100%			LIFE	* *	5			
nterior									
Floors									
Cast in Place Concrete	7%		* - • •	LIFE	* *	5	\$1,300		
Ceramic Tile	3% Broken/M	0-2 issing Flow	\$500 nents, Extent : Mod	2038	**	5	\$100		
		: Toilets	ienis, Exieni . mou	eruie, Ar	ей Ајјескей . 1070				
	Jnt Morta		d, Extent : Moderat	te, Area 2	Affected : 10%				
Quarry Tile	5%			2042	* *	5	\$600		
Vinyl Tile		Now	\$62,900	2042	* *	3	\$2,600		
v myr rhe	Cracking/		Extent : Moderate		ffected : 20%	5	\$2,000		
	Water Per	0	xtent : Moderate, 2	Area Affe	cted : 5%				
		ded, Extent : Through	t : Moderate, Area . out	Affected	: 25%				
Interior Walls									
Ceramic Tile	3%			2038	* *	5	\$200		
Concrete Masonry Unit	40%			LIFE	* *	5	\$1,200		
Gypsum Board	47%			LIFE	* *	5	\$2,100		
Masonry: Brick	10%			LIFE	* *				

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.

BROOKLYN PUBLIC LIBRARY - 038

RYDER BRANCH LIBRARY Asset #: 13265

		ASS	et # : 13	5265				
Architecture		Current Repair		Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estin (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings								
AcousTile,Adhered	Staining/L Location Worn/Eroo	Now Discoloring, Exten : Throughout ded, Extent : Mod : Throughout		-	-	5	\$1,400	
AcousTileSusp.Lay-In	Staining/E Location Water Pen Location	Now Discoloring, Exten : Throughout etration, Extent : : Various Locatio led, Extent : Mod	Light, Area ons Through	Affected nout	: 5%	5	\$2,100	
		: Throughout	er ure, meu	ijjeereu	. 2070			
Exposed Struc: Steel Gypsum Board	5% 10%	0-2	\$400	LIFE LIFE	* * * * *	5	\$1,000	
		l Cracks, Extent : : Main Public Sp		Ajjeciea	: 5%			
Site Enclosure	2000000							
Fence/Gates Iron Picket	100%			2064	* *			
Site Pavements Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
On-Site Walkways Cast in Place Concrete	100%			2046	* *			
Electrical				Et.	- Doulocomont	M		
		Current Repair			e Replacement		aintenance	
System Component Type	% of Total	Fail Date Estin (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Molded Case Bkrs	100%			2029	\$1,600	5	\$300	
	Location	ervation, Extent : : Electrical Room ion : One 350 Am	n					
Switchgear / Switchboard Molded Case Bkrs	100%			2029	\$34,200	5	\$300	
Raceway								
Conduit	95%			2029	\$31,500	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	5%			2028	\$800	5	** * *	
Molded Case Bkrs	75%			2028	\$11,900	5	\$200	

2045

* *

5

\$100

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.

20%

Molded Case Bkrs

Asset # : 13265

		A3361 # . 13	205				
	Current I	Repair	Futur	e Replacement	Μ	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
			2054 a Affecte	* * ed : 100%	1		
20%			2049	* *	1		
30%			2029	\$8,800	1		
1000/			2027	#22 000	-	¢100	
100%			2027	\$32,000	5	\$100	
100%			LIFE	* *	5	\$200	
10070			LIIL		5	\$200	
70%			2039	* *			
				\$122,800			
Location	: First Flo	por					
1							
50%			2034	* *	10	\$1,300	
30%			2069	* *	1		
20%			2034	* *	1		
50%			2024	\$21,400	10		
50%			2039	* *			
			2027	* *	1	¢2.000	
50%			2037		1	\$2,000	
200/							
30% 70%			2037	* *	1-3	\$4,600	
	Current I	Repair	Futur	e Replacement	Μ	aintenance	
% of Total							Priority
1							
100%			2039	* *	1		
	Total 50% Insulation Location 20% 30% 100% 100% 100% 00% 00% 100% 100% 100% 100% 100% 50% 30% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 30% 70% % of Total	% of Total Fail Date (Years) 50% 2-4 Insulation Aged, Extention Location : Through 20% 100% 100% 100% 100% 100% 50% 30% Other Observation, Election : First Floc Explanation : LED 50% 30% 20% 30% 30% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 30% 70% 30% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 30% 70% Current F % of % of Fail Date Years) Years)	Current Repair % of Fail Date Estimated Cost Total (Years) 50% 2-4 \$14,700 Insulation Aged, Extent : Moderate, Are Location : Throughout The Building 20% 30% 100% 100% 100% 100% 20% 30% 00her Observation, Extent : Light, Area Location : First Floor Explanation : LED Bulb Are New But 50% 30% 50% 30% 50% 30% 50% 30% 50% 30% 50% 30% 70% 30% 50% 50% 50% 50% 50% 50% 30% 70% Current Repair % of Fail Date Estimated Cost Total (Years)	% of Fail Date Estimated Cost Total (Years)Year FY50% 2-4\$14,7002054Insulation Aged, Extent : Moderate, Area Affecte Location : Throughout The Building204920%204930%2029100%2027100%2027100%2027100%2027100%2027100%2027100%202920%203930%202470%203930%20240ther Observation, Extent : Light, Area Affected Location : First FloorExplanation : LED Bulb Are New But The Fixt50%203450%202450%203450%203730%203730%203730%2037	Current RepairFuture Replacement% of TotalFail Date Estimated Cost FYYear FerEstimated Cost FY50% Location : Throughout The Building2054**20% Location : Throughout The Building2049**20% 20292049**30%2029\$8,800100%2027\$32,000100%2017\$32,000100%2027\$32,000100%2024\$122,80000ther Observation, Extent : Light, Area Affected : 100% Location : First Floor2034**50% 20%2034**50% 20%2034**50% 50%2037**30% 70%2037**30% 70%2037**50% 50% 70%2037**50% 50% 70%2037**50% 50% 70%2037**50% 50% 70%2037**50% 50% 70%2037**50% 50% 70%2037**50% 50% 70%2037**50% 70%2037**50% 50% 70%2037**50% 70%2037**50% 70%2037**50% 70%2037**50% 70%2037**50% 70%2037**50% 70%2037**50% 70%2037**50% 70%2037**50% 70%<	Current RepairFuture ReplacementM% of Fail Date Estimated Cost Total (Years)Year Estimated Cost FYCycle (Yrs)50% 2-4\$14,7002054***1Insulation Aged, Extent : Moderate, Area Affected : 100% Location : Throughout The Building2049***120%2049***130%2029\$8,8001100%2027\$32,0005100%LIFE***570%2039***30%2024\$122,800Other Observation, Extent : Light, Area Affected : 100% Location : First Floor10Explanation : LED Bulb Are New But The Fixtures Are Old50%50%2034***130%2024\$21,4001030%2039***130%2037***130%2037***130%2037***1	Current RepairFuture ReplacementMaintenance% of TotalFail Date (Years)Year Stimated CostCycle (Yrs)Estimated Cost50% Location : Throughout The Building***120% 20292049***120% 30%2029\$8,8001100%2027\$32,0005\$100100%2027\$32,0005\$200100%2027\$32,0005\$200100%2027\$32,0005\$100100%2024\$122,800\$122,80000her Observation, Extent : Light, Area Affected : 100% Location : First Floor2034**150% 20042034**1\$1,30030%2069**150% 20062034**150% 20072037**1\$2,00030%2037**1\$2,00030%2037**1\$2,00030%2037**1\$2,00030%2037**1\$2,00030%2037**1\$2,00030%2037**1\$2,00030%2037**1\$2,00030%2037**1\$2,00030%2037**1\$2,00030%2037**1\$2,00030%2037**1\$2,00030%2037**1\$2,00

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.

BROOKLYN PUBLIC LIBRARY - 038

RYDER BRANCH LIBRARY Asset # : 13265

lechanical	Current Rep	air Futu	re Replacement	Maintenance		
ystem Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
eating						
Conversion Equipment						
Furnace	50%	2024	\$12,500	1	\$2,600	
	Other Observation, Exte		l : 50%			
	Location : 1st Floor Eq	quipment Room				
	Explanation : 3 Units					
Furnace	25% Now	\$300 2024	\$6,200	1	\$1,200	
	Other Observation, Exte	nt : Severe, Area Affect	ed : 25%			
	Location : Roof					
		ftop Package Unit, Bot		nditioning	g Do not Work.	
Hot Water Boiler	25%	2034	* *	1	\$1,300	
	Other Observation, Exte		l : 25%			
	Location : 1st Floor Eq	quipment Room				
	Explanation : 1 Unit					
Distribution	0504	• • • =	* *		** **	
Hot Wtr Piping/Pump	25%	2037	* *	4	\$200	
No Component	75%					
Terminal Devices	250/	2024	* *		\$ 000	
Convector/Radiator	25%	2034	* *	1	\$900	
No Component	75%					
r Conditioning						
Energy Source Electricity	100%	2037	* *	1		
Conversion Equipment	10070	2037		1		
Ext Pkg Unit -	30% Now	\$2,000 2024	\$39,800	2	\$200	
Heating/Cooling	5070 IVOW	φ2,000 2024	\$57,000	2	\$200	
intering cooring	R-22 Refrigerant, Extent	: Severe, Area Affected	: 30%			
	Location : AC Does no					
Split Unit	70%	2029	\$158,300			
Spiit Onit	R-22 Refrigerant, Extent					
		Floor Equipment Room				
Terminal Devices	~					
Fan Coil - 2 Pipe	70%	2029	\$141,100	1	\$2,400	
No Component	30%					
Heat Rejection						
Air Cooled Condenser	70%	2029	\$14,900	2	\$5,200	
Unit						
No Component	30%					
ntilation						
Distribution						
Ductwork/Diffusers	100% Now	\$2,000 LIFE	**	2-5	\$6,000	
	Insul. Deteriorating, Ext	-				
	Location : Top Of Chil	dren Area Ceiling, Cai	sing Condensate D	rips.		
Exhaust Fans	500/		** • • • • •	-	* * * *	
Interior	50%	2029	\$18,800	2	\$200	
Roof	25%	2024	\$4,400 * *	2	\$100	
Roof	25%	2034	* *	2	\$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.

Asset # : 13265

echanical	Current	Repair Futur	e Replacement	М	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
mbing						
H/C Water Piping						
Brass/Copper	100%	2039	* *	1		
Water Heater						
Gas Fired	100%	2027	\$6,500	2	\$200	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					

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 : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name		GA BRANCH LIBRARY			
Address		AS S BOYLAND ST. @MA			
Borough	: BROOKL		Agency's Number	: 57	
Program / Asset #	: BPL0S57.	000 / 13266	Yr Built/Renovated	: 1908 / 2002	
Area Sq Ft	: 10,690		Project Type	: BROOKLYN PUBLI	C LIBRARY
Date of Survey	: 24-Oct-20	17	Landmark Status	: NONE	
Areas Surveyed	: Basement,	Roof, Floors 1,mz			
Block	: 1498	Lot : 35	BIN	: 3040218	
CAPITAL			FY 2021 - 2024		FY 2025 - 2030
Exterior Architect	ture		\$37,800		
Interior Architect	ure		\$95,000		
Mechanical					\$363,200
Total			\$132,700		\$363,200
Importance Code	A		\$37,800		
Importance Code	В		\$95,000		\$363,200
Total			\$132,700		\$363,200
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architect	ture	\$1,200	\$17,000		
Interior Architect	ure	\$21,300		\$800	\$1,900
Electrical		\$300	\$400	\$300	\$11,600
Mechanical		\$14,100	\$1,500	\$3,900	\$1,500
Site Enclosure		\$3,200			
Site Pavements		\$3,400			
Total		\$43,500	\$18,900	\$5,000	\$15,000
Importance Code	А	\$1,700	\$17,500	\$500	\$600
Importance Code	В	\$15,100	\$1,400	\$4,000	\$14,500
Importance Code	С	\$26,700		\$500	
Total		\$43,500	\$18,900	\$5,000	\$15,000



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

Asset # : 13266

Architecture	Current R	epair	Futur	e Replacement	M	aintenance		
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
xterior								
Exterior Walls	750/ Now	\$27,800	LIEE	* *	5	¢11 000		
Masonry: Brick	75% Now Jnt Mortar Miss/Erod Location : Througho Water Penetration, Ex Location : Througho	out tent : Moderate, 2	Area Affe	Affected : 10% cted : 10%	5	\$11,800		
Masonry: Limestone	20%		LIFE	* *	5	\$2,400		
Metal Panel	5% Now	\$1,200	2039	* *	5	\$1,500		
	Corrosion/Rusting, Ex Location : Metal Par Deteriorated Finish, I Location : Metal Par	nel Covers At Sou Extent : Moderate,	th And Ed Area Aff	ast Facades fected : 25%				
Windows								
Glass Block	5%		LIFE	* *	5	\$100		
Metal Louvers	2%		2038	* *	10	\$500		
Wood	93%		2037	* *	5	\$34,000		
Parapets	1000/				_	†2 2 2 2		
Masonry: Limestone	100%		LIFE	* *	5	\$3,300		
Roof	1000/		LIFE	* *				
Slate	100%		LIFE	**				
Soffits Cast Stone/Terra Cotta	100%		LIFE	* *	5			
terior	10070		LIIL		5			
Floors								
Cast in Place Concrete	10%		LIFE	* *	5	\$2,700		
Ceramic Tile	5%		2038	* *	5	\$600		
	Worn/Eroded, Extent Location : Toilets Th		cted : 5%					
Vinyl Tile	85% Now	\$95,000	2039	* *	3	\$4,000		
	Cracking/Crumbling, Location : At Main I Worn/Eroded, Extent Location : First Floo	Entrance : Moderate, Area .		-				
Interior Walls								
Ceramic Tile	5%		2038	* *	5	\$1,100		
Concrete Masonry Unit	5%		LIFE	* *	5	\$400		
Masonry: Brick	20% Now Diagonal Cracks, Extended Location : Area Way Water Penetration, Ex	,						
	Location : Area Way	,						
Plaster	70% Now Cracking/Crumbling, Location : Througho Water Penetration, Ex	out			5	\$4,400		

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

Asset # : 13266

Architecture		Current R	epair	Futur	e Replaceme	nt	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated C	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	
Site Enclosure									
Fence/Gates									
Iron Picket	100%	0-2	\$3,200	2049		* *			
		-	tent : Moderate, A	1rea Affe	cted : 15%				
	Location	: Througho	ut						
Free Standing Walls									
Masonry: Brick	100%			2039		* *			
Retaining Walls									
Cast in Place Concrete	100%			2049		* *			
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100%	Now	\$1,100	2034		* *			
	Cracking/	Crumbling, I	Extent : Moderate	, Area A	ffected : 5%				
	Location	: Througho	ut						
	Sinking/Su	bsiding, Ext	ent : Moderate, A	rea Affe	cted : 5%				
	Location	: At Trees							
On-Site Walkways									
Cast in Place Concrete	50%	Now	\$1,400	2034		* *			
	Cracking/	Crumbling, I	Extent : Moderate	, Area A	ffected : 10%				
	-	: Througho			0				
Masonry: Granite	10%	4+	\$900	LIFE		* *			
Wasonry. Granice		•	Extent : Moderat		Affected · 10%	6			
		: Entry Stai		c, 111 cu 1					
D (0)		. ±на у Stat	,	2022		* *			
Pavers/Stone	40%			2032		~ ~			
Parking/Driveway	1005								
Asphalt	100%			2032		* *			

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

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

Asset # : 13266

Electrical	Current Repair	Future	Replacement	М	aintenance	
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	st Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts		4				
Panelboards						
Fused Disc Sw	5%	2045	* *	5		
Molded Case Bkrs	95%	2045	* *	5	\$300	
Wiring Thermoplastic	100%	2049	* *	1		
Motor Controllers Locally Mounted	100%	2042	* *	5	\$100	
round						
Grounding Devices	1000/		ate ate	_	**	
Generic	100%	LIFE	* *	5	\$200	
ighting Interior Lighting						
Fluorescent	70%	2034	* *	10	\$6,900	
	T-12 Lamps And Fixtures, Extent : La Location : Throughout The Building		ected : 100%			
Fluorescent	25%	2034	* *	10	\$2,500	
	T-8 Lamps And Fixtures, Extent : Lig Location : Throughout The Building	ght, Area Affe	cted : 100%		÷)	
Fluorescent	2%	2034	* *	10	\$200	
	Compact Fluorescent Light, Extent : Location : Boiler And Storage Roor	-	Iffected : 100%			
Fluorescent	3%	2034	* *	10	\$300	
	T-9 Lamps And Fixtures, Extent : Lig Location : Hallways	ght, Area Affe	cted : 100%			
Egress Lighting		• • • • •	* *	10		
Emergency, Battery	50%	2034	* *	10	\$1,300	
Exit, Service	50%	2034	~ ~	1		
Exterior Lighting HID	100%	2034	* *	10		
larm	10078	2034		10		
Security System						
No Component	70%					
Generic	30%	2034	* *	1	\$1,200	
	Other Observation, Extent : Light, Ar		100%	-	<i><i><i>v</i></i>,<i>z</i>,<i>o</i>,<i>o</i>,<i>o</i>,<i>o</i>,<i>o</i>,<i>o</i>,<i>o</i>,<i>o</i>,<i>o</i>,<i>o</i></i>	
	Location : Inside And Outside The					
	Explanation : CCTV Surveillance C	Cameras, Intra	usion Alarm And	Motion S	Sensor	
Fire/Smoke Detection						
No Component	70%					
Generic, Digital	30%	2037	* *	1-3	\$2,000	
Mechanical	Current Repair	Future	Replacement	М	aintenance	
System	% of Fail Date Estimated Co	st Year	Estimated Cost	Cycle	Estimated Cost	Priori
Component	Total (Years)	FY		(Yrs)		
Туре						
eating						
Energy Source	100%	2040	* *	1		
Natural Gas	100%	2049		1		

Asset # : 13266

Mechanical		Current	Repair	Futur	e Replacement	Μ	aintenance	
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 nt Boiler Room it	2034 Affected	* * : 100%	1	\$5,300	
Distribution Hot Wtr Piping/Pump	100%			2037	* *	4	\$800	
Terminal Devices Air Handler Convector/Radiator	40% 60%			2029 2034	\$59,600 * *	1	\$2,600 \$2,100	
Air Conditioning Energy Source Electricity	100%			2045	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	100%	agrant F	tent : Light, Area A	2029	\$89,900	1	\$5,000	
Terminal Devices Air Handler/Dir Expansion	100%	0-2	2nd Floor New Ex \$5,900 : Moderate, Area A	2029	\$118,400	1		
Heat Rejection	Location		Of The Unit, Basen	ient				
Dry Cooler Ventilation	100%			2029	\$57,600	2	\$7,400	
Distribution Ductwork/Diffusers			\$4,900 Extent : Moderate, Locations	LIFE Area Aff	* * °ected : 20%	2-5	\$6,000	
Exhaust Fans Interior	100%			2029	\$37,700	2	\$300	
lumbing H/C Water Piping	1000/			2020	* *	1		
Brass/Copper Water Heater Gas Fired	100% 100%			2039 2027	\$6,500	1 2	\$200	
Sanitary Piping Cast Iron	100%			LIFE	\$0,500	1	\$200	
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Fixtures Generic	100%							

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

Asset # : 13266

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Vertical Transport				
Elevators				
Hydraulic	100%	LIFE **		
-	Other Observation, Extent : Light, Area	Affected : 100%		
	Location : Basement To 1st Floor			
	Explanation : One Hydraulic Chair Ly	ift		

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.

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed	 12143 FL BROOK BPL0S85 7,500 05-Mar-2 Roof, Flo 	LATLANDS LYN 5.000 / 1326 2019 pors 1	7	JERSEY AVENUE Agency's Number Yr Built/Renovated Project Type Landmark Status	: 85 : 1976 / 2012 : BROOKLYN PUBL : NONE	IC LIBRARY
Block	: 4413	Lot	: 25	BIN	: 3098071	
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architec Interior Architect				\$53,300		\$88,400
Total				\$53,300		\$88,400
				,		400,100
Importance Code Importance Code				\$53,300		\$88,400
Total				\$53,300		\$88,400
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$25,700			
Interior Architect	ure		\$34,900		\$5,300	\$1,200
Electrical			\$300	\$100	\$100	\$100
Mechanical			\$3,400	\$2,100	\$1,500	\$1,900
Site Pavements			\$7,400			
Total			\$71,600	\$2,200	\$6,900	\$3,200
Importance Code	А		\$26,100	\$400	\$400	\$400
Importance Code			\$41,100	\$1,800	\$6,500	\$2,800
Importance Code			\$4,400		-	-
Total			\$71,600	\$2,200	\$6,900	\$3,200



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

Asset # : 13267

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	Priorit
xterior								
Exterior Walls								
Masonry: Brick	80%		\$20,600	LIFE	* *	5	\$12,900	
			l, Extent : Moderat	te, Area A	Affected : 25%			
	Location	: Through	out					
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	* *	5-10	\$6,000	
Metal Panel	50%			2050	* *	5	\$3,400	
Roof								
Modified Bitumen	90%	0-2	\$53,300	2035	* *			
			lerate, Area Affecte					
		: Through	00					
Skylight, Metal/Glass	10%			2050	* *	10	\$6,900	
Soffits	1070			2030		10	\$0,900	
Stucco Cement	100%			2035	* *	5		
iterior	10070			2033		5		
Floors								
Cast in Place Concrete	5%	0-2	\$600	LIFE	* *	5	\$1,200	
Cast in Trace Concrete			Extent : Moderate		ffected · 10%	5	\$1,200	
	-	: Boiler R		, 11 ou 11	geelea : 1070			
				2022	* *	5	¢200	
Ceramic Tile	5%	4+	\$2,200	2033		5	\$300	
	-	-	Extent : Light, Are	ea Affecti	ed : 10%			
		: Toilets T	-	. 1 10	00/			
			: Light, Area Affec	cted : 100)%			
		: Toilets T	_					
Vinyl Tile	90%	4+	\$26,500	2030	\$88,400	3	\$3,700	
			, Extent : Light, Ar	ea Affect	ted : 15%			
		: Through						
	U		tent : Light, Area A	Iffected :	10%			
		: Through						
			: Light, Area Affec	cted : 100	0%			
	Location	: Through	out					
Interior Walls								
Concrete Masonry Unit	90%			LIFE	* *	5	\$8,200	
Masonry: Brick	10%			LIFE	* *	10	\$300	
Ceilings								
AcousTileSusp.Lay-In	95%			2043	* *	5	\$10,600	
T 10 0 1	5%			LIFE	* *	10	\$1,100	
Exposed Struc: Steel								
Exposed Struc: Steel ite Enclosure								
*								

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.

Asset # : 13267

Architecture		Current	Renair	Futur	e Replacement	м	aintenance	
			-					
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ite Pavements								
Public Sidewalk	1000/		*- 1 00	0040	* *			
Cast in Place Concrete	-	Crumbling	\$7,400 Extent : Light, Ard latlands Avenue	2043 ea Affecte				
On-Site Walkways								
Cast in Place Concrete Pavers/Stone	25% 75%			2043 2039	* *			
Electrical		Current	Repair	Futur	e Replacement	М	aintenance	
System	% of		Estimated Cost		Estimated Cost	Cycle	Estimated Cost	Priorit
Component Type	Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	111011
Inder 600 Volts								
Service Equipment	1000/			2050	* *	5	\$200	
Molded Case Bkrs	100% Other Ob		Extent : Light, Area	2050		5	\$200	
		ervation, E 1 : Electrica	-	Ајјестеа	. 100%			
			a Room 400 Ampere Main I	Disconna	ct Switch			
Switchgear / Switchboard	Ехриини	non . One	+00 Ampere Main I	Jisconne	ci Swiich			
Molded Case Bkrs	100%			2050	* *	5	\$200	
Raceway	10070			2050		5	\$200	
Conduit	100%			2050	* *	1		
Panelboards	10070			2000		1		
Fused Disc Sw	10%			2046	* *	5		
Molded Case Bkrs	90%			2046	* *	5	\$200	
Wiring						-		
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2043	* *	5		
Variable Frequency	50%			2043	* *			
Drive								
bround								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
ighting								
Interior Lighting								
LED	100%			2035	* *			
Egress Lighting							* • • • •	
Emergency, Battery	50%			2035	* *	10	\$900	
Exit, Service	50%			2035	* *	1		
Exterior Lighting	E00/			2025	* *	1.0		
HID	50%		utout . Ti-l+ 4	2035		10		
		servation, E 1 : Outside	Extent : Light, Area Pavimator	Ajjected	. 100%			
				11				
N	-		rolled Via Photoce	u i				
No Component	50%							

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.

Asset # : 13267

			A3361#.13	201				
Electrical		Current	Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	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	Futur	e Replacement	M	aintenance	
System	0/ 0							D • •
Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Туре								
Heating								
Energy Source Natural Gas	100%			2050	* *	1		
	100%			2030		1		
Conversion Equipment Hot Water Boiler	100%			2035	* *	1	\$3,700	
	10070			2033		1	\$5,700	
Distribution Hot Wtr Piping/Pump	100%			2038	* *	4	\$600	
Terminal Devices	10070			2038		4	\$000	
Convector/Radiator	5%			2035	* *	1	\$100	
No Component	95%			2035		1	\$100	
No Component			Extent : Light, Area	Affactad	. 0%			
		i : Mechani	-	mjecieu	. 070			
			landler Is Covered	Under 1	ir Conditioning Su	stom		
Air Conditioning	Enplana			chuci II	in contained by	stem		
Energy Source								
Electricity	100%			2046	* *	1		
Terminal Devices	10070			2010		1		
Air Handler/Cool/Ht	100%			2038	* *	1	\$4,600	
			Extent : Light, Area		: 100%		\$ 1,000	
		i : Mechani	-	55				
		tion : New						
Heat Rejection	· · · · · · ·		1 · T · · · ·					
Air Cooled Condenser	100%			2038	* *	2	\$5,200	
Unit								
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	i : Mechani	cal Room					
	Explana	tion : New	Equipment					
Ventilation	<u>^</u>		-					
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,600	
Exhaust Fans								
Interior	10%			2030	\$2,600	2		
Roof	90%			2035	* *	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2050	* *	1		
Galvanized Steel	80%			2043	* *	1		

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

Asset # : 13267

echanical	Current Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Imbing						
Water Heater						
Electric	100%	2025	\$6,500	4	\$100	
	Other Observation, Extent : Light, Area	Affected	: 100%			
	Location : 1st Floor Mechanical Roon	1				
	Explanation : 40 Gallon Unit					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					

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

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	 581 MOT BROOKI BPL0S26 14,252 27-Oct-20 	5.000 / 13268		: 26 : 1914 / 2007 : BROOKLYN PUBLIC : NONE : 3084596	LIBRARY
CAPITAL			FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture		\$40,500		
Interior Architect	ure		\$86,800		
Electrical			\$3,000		
Total			\$130,300		
Importance Code	А		\$40,500		
Importance Code			\$89,900		
Total			\$130,300		
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture				
Interior Architect	ure	\$48,700	\$2,600		\$2,000
Electrical		\$11,000	\$1,300	\$1,100	\$16,000
Mechanical		\$6,900	\$3,400	\$3,100	\$3,400
Site Enclosure		\$7,400			
Elevators/Escalat	ors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$78,000	\$11,300	\$8,200	\$25,500
Importance Code	А	\$700	\$700	\$700	\$800
Importance Code	В	\$60,400	\$10,000	\$7,500	\$24,700
Importance Code	С	\$16,900	\$600		
Total		\$78,000	\$11,300	\$8,200	\$25,500



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.

Asset # : 13268

rchitecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$25,000	
Masonry: Limestone	15%			LIFE	* *	5	\$3,300	
Windows	1000/			0045	* *	-	¢ < 5 00	
Aluminum	100%			2045	· · ·	5	\$6,500	
Parapets Masonry: Brick	85%			LIFE	* *	5	\$3,500	
Masonry: Limestone	15%			LIFE	* *	5	\$3,500	
Roof	1370			LIFL		5	\$800	
Modified Bitumen	100%	Now	\$40,500	2034	* *			
Woulled Ditulien			derate, Area Affect					
		: Over Sec						
	Seams Ope	en/Split, Ex	tent : Moderate, A	rea Affec	cted : 15%			
	Location	: Over Sec	cond Floor					
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
terior								
Floors								
Carpet	20%			2028	\$44,200	3	\$4,900	
Carpet		Now	\$22,100	2031	* *	3	\$2,500	
			: Severe, Area Aff pose Room	ected : 10	00%			
Cast in Place Concrete	3%			LIFE	* *	5	\$1,100	
Ceramic Tile	5%			2042	* *	5	\$800	
Vinyl Tile		Now	\$86,800	2039	* *	3	\$3,600	
			tent : Light, Area A	Iffected :	25%			
		: Through						
			: Light, Area Affec	eted : 30%	%			
		: Through						
Wood		Now	\$17,100	2069	* *	5	\$500	
			nt : Severe, Area A					
			cal Room On Seco					
	-		nt, Extent : Severe,					
			cal Room On Seco					
			xtent : Severe, Are cal Room On Seco					
Interior Walls	Locuion	. meenuni	can Room On Seco	1 1001				
Ceramic Tile	5%			2042	* *	5	\$1,100	
Gypsum Board	20%			LIFE	* *	5	\$2,700	
Plaster	50%	4+	\$9,500	LIFE	* *	5	\$3,400	
			xtent : Light, Area		: 5%	2	\$5,100	
		: Near Wi	0					

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.

Asset #: 13268

nce
ated Cost Priorit
\$3,100
\$8,200
\$500
<i>QOOO</i>
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ated Cost Priorit
ated Cost Priorit
ated Cost Priorit \$200 \$400
ated Cost Priorit \$200 \$200 \$400 \$300
ated Cost Priorit \$200 \$200 \$400 \$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.

Asset # : 13268

Electrical	Current Repair	Current Repair Future Replace			cement Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Inder 600 Volts							
Motor Controllers				_			
Locally Mounted	100%	2042	* *	5	\$100		
Ground							
Grounding Devices Generic	100% 2-4 \$10, Other Observation, Extent : Mode Location : Metal Water Pipe Explanation : Corroded		* * cted : 100%	5	\$200		
Lighting							
Interior Lighting Fluorescent	5% T-8 Lamps And Fixtures, Extent : Location : Mezzanine	2034 Light, Area Affe	* * ected : 100%	10	\$700		
E 1	90%	2034	* *	10	¢11.000		
Fluorescent	Other Observation, Extent : Light Location : Throughout The Build Explanation : Compact Fluoresc	, Area Affected ling	: 100%	10	\$11,800		
Fluorescent	2%	2024	\$3,000	10	\$300		
	T-12 Lamps And Fixtures, Extent Location : Mechanical Room	: Light, Area A <u>f</u>	fected : 100%				
Fluorescent	3% T-9 Lamps And Fixtures, Extent : Location : Basement	2034 Light, Area Affe	* * ected : 100%	10	\$400		
Egress Lighting							
Emergency, Battery	50%	2034	* *	10	\$1,700		
Exit, LED	50%	2057	* *	1			
Exterior Lighting HID	25%	2029	\$14,200	10			
No Component	75%						
Security System							
No Component	70%						
Generic	30%	2034	* *	1	\$1,600		
	Other Observation, Extent : Light Location : Reading Areas And H Explanation : CCTV Surveillanc	, Area Affected Iallways	: 100%				
Fire/Smoke Detection							
Generic, Digital	100% Other Observation, Extent : Light Location : Throughout The Build		* * : 100%	1-3	\$8,800		
	Explanation : Strobe Lights, Ma	nual Pull Statio	ns, Alarm Bells, S	moke De	etectors And Horns		

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

Heating

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

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

Asset # : 13268

Mechanical	Current Repair Future Replac			e Replacement	cement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
eating								
Energy Source								
Natural Gas	100%			2049	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2042	* *	1	\$7,100	
			xtent : Light, Area t Boiler Room	Affected	: 100%			
Distribution	Explana	tion : 1 Uni	l					
Hot Wtr Piping/Pump	100%			2045	* *	4	\$1,100	
Terminal Devices	10070			2043			\$1,100	
Air Handler	60%			2034	* *	1	\$5,300	
Convector/Radiator	40%			2042	* *	1	\$1,800	
ir Conditioning	-			-			•)	
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Reciprocating	75%			2034	* *	1	\$5,000	
Compr/Chiller	Other Oh	amation F	xtent : Light, Area	Affaatad	. 1000/			
			loor Mechanical H		. 100%			
			gerant 410a	100111				
Exterior Dira Linit	25%	ion . Refrig	<i>crum</i> +10 <i>u</i>	2034	* *	2	\$200	
Exterior Pkg Unit - Cooling	23%			2034		2	\$200	
Cooling	Other Observation, Extent : Light, Area Affected : 100%							
	Location							
		v	gerant 410a					
Terminal Devices	1	<i>, , , , , , , , , , , , , , , , , , , </i>	,					
Air Handler/Dir	75%			2037	* *	1		
Expansion								
No Component	25%							
Heat Rejection								
Air Cooled Condenser	75%			2034	* *	2	\$7,400	
Unit								
No Component	25%							
entilation								
Distribution	100%			LIFE	* *	2-5	\$7,900	
Ductwork/Diffusers Exhaust Fans	100%			LIFE	··· ··	2-3	\$7,900	
Interior	100%	Now	\$2,500	2037	* *	2	\$300	
Interior			xtent : Light, Area		: 100%	2	\$500	
			t Electrical Room	<i>JJ</i> = = + C <i>M</i>				
			ent For Gas Meter					
lumbing	4	-						
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
Water Heater								
Gas Fired	100%			2027	\$8,600	2	\$200	

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

Asset # : 13268

Mechanical	Current Rep	air Fu	ure Replacement	Μ	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Yea FY	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sanitary Piping						
Cast Iron	100% Now	\$2,100 LIF	E **	1		
	Other Observation, Exte	nt : Severe, Area Affe	cted : 3%			
	Location : Basement M	ale Restroom				
	Explanation : Water Ba	acks Up From Sewage	Drain			
Storm Drain Piping						
Cast Iron	100%	LIF	E **	1		
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIF	E **			
-	Other Observation, Extended	Other Observation, Extent : Light, Area Affected : 100%				
	Location : Basement, 1	, Mezzanine, 2 Floor				
	Explanation : 1 Unit					

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

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

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Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address	: ULMER PAR : 2602 BATH A				
Borough	: BROOKLYN			Agency's Number	: 71
Program / Asset #	: BPL0U71.000	/ 13270		Yr Built/Renovated	: 1963 / 2007
Area Sq Ft	: 8,133			Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 17-Jul-2019			Landmark Status	: NONE
Areas Surveyed	: Basement, Ro	of, Floors 1			
Block	: 6897	Lot :	35	BIN	: 3186777

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture		\$38,000
Total		\$38,000
Importance Code A		\$38,000
Total		\$38,000

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$14,100	\$300	\$3,300	
Interior Architecture	\$16,700	\$5,800	\$1,600	
Electrical	\$5,400	\$400	\$500	\$400
Mechanical	\$3,500	\$500	\$1,100	\$500
Site Pavements	\$19,900			
Total	\$59,500	\$6,900	\$6,700	\$800
Importance Code A	\$19,500	\$700	\$3,700	\$400
Importance Code B	\$15,900	\$6,200	\$2,900	\$400
	<i><i><i>q</i>₁₀,,, <i>o</i>₀</i></i>			
Importance Code D	\$24,200	÷ -)		



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

BROOKLYN PUBLIC LIBRARY - 038 ULMER PARK BRANCH LIBRARY

Asset # : 13270

Architecture	Current Repair			Futur	re Replacement	Maintenance		Ļ
ystem Component Type		Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
xterior								
Exterior Walls								
Concrete Masonry Unit				LIFE	* *	5	\$700	
Masonry: Brick	70%			LIFE	* *	5	\$15,000	
	Location :	air Evident, [.] Throughoi	Extent : Light, A ut	lrea Affe	cted : 100%			
Stucco Cement	25%			2043	* *	5	\$6,700	
		air Evident, [.] Throughoi	Extent : Light, A ut	lrea Affe	cted : 100%			
Windows	1000/					_	.	
Aluminum	100% Recent Repl	lace Eviden	t, Extent : Light,	2052 Area Aff	* * ected : 100%	5	\$600	
		Throughou	0					
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	\$6,900	
Pre-Cast Concrete	5%			LIFE	* *	5	\$700	
Roof								
Traffic Topping	100%			2038	* *	10	\$38,000	
	-		t, Extent : Light,	Area Aff	ected : 100%			
	Location :	Throughou	ut					
Soffits								
Metal Panel	100%			2056	* *	5-10		
terior								
Floors Cast in Place Concrete	70/	Now	\$11,700	LIFE	* *	5	\$1,900	
Cast III I face Concrete			Extent : Moderate			5	\$1,900	
		Boiler Roc		, 11 ou 11	georea : 1070			
			tent : Severe, Are	a Affecte	ed: 50%			
		Basement						
	Other Obser		tent : Moderate, . om	Area Affe	ected : 100%			
	Explanatio	on : Concre	ete Pavers Appea	r To Hav	e Been Installed (Over Soil.		
Ceramic Tile	5%			2043	* *	5	\$600	
		lace Eviden	t, Extent : Light,		ected : 100%		·	
	Location :	Bathrooms	5					
Vinyl Tile	88%			2038	* *	3	\$4,000	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	\$700	
Concrete Masonry Unit	60%			LIFE	* *	5	\$2,800	
Gypsum Board	35%			LIFE	* *	5-10	\$3,400	
Ceilings								
AcousTileSusp.Lay-In	95%			2047	* *	5	\$11,600	
	-		t, Extent : Light,	Area Aff	ected : 100%			
	Location :	Throughou	ut					
					* *	5-10		

Site Enclosure

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.
BROOKLYN PUBLIC LIBRARY - 038 ULMER PARK BRANCH LIBRARY

Asset # : 13270

		Asset # : 13	5270				
Architecture		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)		Estimated Cost		Estimated Cost	Priorit
ite Enclosure							
Fence/Gates							
Iron Picket	100%		2065	* *			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2043	* *			
On-Site Walkways	1000/		2012				
Cast in Place Concrete	100%		2043	* *			
Parking/Driveway Cast in Place Concrete	Sinking/Su	Now \$19,900 Ibsiding, Extent : Severe, Area : Throughout	2050 a Affected	* * d : 100%			
Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Jnder 600 Volts							
Service Equipment Fused Disc Sw	Location	4+ \$5,000 ervation, Extent : Light, Area : Electrical Room tion : One 200 Ampere Main A			5	And The Councert	
		mon : One 200 Ampere Main I mer Cabinet Is Deteriorated A			ome Kusi	And The Current	
Raceway	<u></u>						
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	1000/		2025	* *	5	¢100	
Locally Mounted	100%		2035	* *	5	\$100	
Ground Crownding Devices							
Grounding Devices Not Accessible	100%						
Lighting	10070						
Interior Lighting							
Fluorescent	5%		2035	* *	10	\$400	
LED	95%		2033	* *	10	φτυυ	
Egress Lighting	2070		2020				
Emergency, Battery	50%		2035	* *	10	\$1,000	
Exit, Service	50%		2035	* *	1	÷-,•••	
Exterior Lighting LED	100%		2038	* *			
	10070		2000				

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.

BROOKLYN PUBLIC LIBRARY - 038 ULMER PARK BRANCH LIBRARY

Asset # : 13270

			ASSel # . 13	210				
Electrical		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
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 I	Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cvcle	Estimated Cost	Priority
Component	Total	(Years)		FY		(Yrs)		J
Туре								
Heating								
Energy Source	100/			2040	* *	1		
Electricity Natural Gas	10% 90%			2040 2040	* *	1		
	90%			2040		1		
Conversion Equipment Furnace	100%			2035	* *	1	\$4,000	
Furnace		amation H	Extent : Light, Area			1	\$4,000	
	Location		Meni . Ligni, Areu	Ајјестеи	. 100/0			
		U	Gas Fired Package	d Poofta	n Unit See Air Co	nditionin	Conversion	
	Едиірте		Ous Pireu I uchuge	α ποσμο	p Onii. See Air Co	numonin	g Conversion	
Air Conditioning	Bquipine							
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Ext Pkg Unit -	100%			2035	* *	2	\$500	
Heating/Cooling								
/entilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,200	
Exhaust Fans								
Roof	100%			2030	\$13,400	2	\$300	
lumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater								
Electric	100%			2025	\$7,100	4	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2021	\$300	4	\$300	
Fixtures								
Generic	100%							

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address	WALT WHITMAN BRANCH LIBRA93 SAINT EDWARDS ST. BETWEEN		ES.
Borough	: BROOKLYN	Agency's Number : 62	
Program / Asset #	: BPL0W62.000 / 13271	Yr Built/Renovated : 1908	8 / 1999
Area Sq Ft	: 7,482	Project Type : BRO	OKLYN PUBLIC LIBRARY
Date of Survey	: 22-Feb-2019	Landmark Status : NON	NE .
Areas Surveyed	: Basement, Roof, Floors 1		
Block	: 2039 Lot : 1	BIN : 3058	036

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Electrical		\$120,200
Mechanical		\$82,900
Total		\$203,100
Importance Code B		\$203,100
Total		\$203,100

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$33,900			
Interior Architecture	\$25,800		\$1,800	\$300
Electrical	\$500	\$400	\$400	\$500
Mechanical	\$3,000	\$1,800	\$1,200	\$1,700
Site Pavements	\$4,000			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$71,200	\$6,100	\$7,300	\$6,400
Importance Code A	\$34,300	\$400	\$400	\$400
Importance Code B	\$24,300	\$5,800	\$6,900	\$6,000
Importance Code C	\$12,600			
Total	\$71,200	\$6,100	\$7,300	\$6,400



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

Asset # : 13271

Arabitaatura		Current Repair Future Replacement Maintenance					
Architecture		Current Repair Future Replacement					
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Cast in Place Concrete	5%		LIFE	* *	5	\$7,000	
Masonry: Brick	70%		LIFE	* *	5	\$19,700	
	-	air Evident, Extent : Light, . : Throughout Elevations	Area Affe	cted : 30%			
Masonry: Limestone	25%		LIFE	* *	5	\$5,300	
	Staining/Di Location	iscoloring, Extent : Moderau : Cornice	e, Area A	ffected : 20%			
Windows							
Aluminum	100%		2046	* *	5	\$3,100	
Roof			_			• .	
Slate	100%		LIFE	* *	10	\$16,400	
	-	lace Evident, Extent : Light : Throughout	, Area Aff	ected : 100%			
Interior							
Floors	200/			ate ate	_	#12 000	
Cast in Place Concrete	30%		LIFE	* *	5	\$13,900	
Ceramic Tile	5%		2039	* *	5	\$500	
Vinyl Tile	65%		2035	* *	3	\$2,600	
Interior Walls	200/		LIPP	* *	5 10	¢ 4, 500	
Gypsum Board	20%		LIFE	* *	5-10	\$4,500	
Masonry: Brick	5%		LIFE	* *	10	\$200	
Plaster	75%		LIFE		5-10	\$8,500	
Ceilings	200/		2042	* *	5	¢1 000	
AcousTileSusp.Lay-In	20% 10%		2043 LIFE	* *	5 10	\$1,800	
Exposed Struc: Steel		mation Extent Light And			10	\$1,800	
	Location	ervation, Extent : Light, Area : Book Stacks		100%			
		ion : Underside Of Book Sta					
Gypsum Board	15%		LIFE	* *	5-10	\$4,700	
Plaster	55%		LIFE	* *	5-10	\$8,600	
Site Enclosure							
Fence/Gates	1000/		2050	* *			
Iron Picket	100%		2050	* *			
Free Standing Walls	1000/		20.40	* *			
Masonry: Fieldstone	100% Other Obse	mustion Entort . Light A	2040				
		ervation, Extent : Light, Area : Front Entry	и Ајјестеа	. 10070			
		-	0				
Dataining W-11-	Explanati	ion : This Is Actually Granit	e				
Retaining Walls Cast in Place Concrete	400/		2050	* *			
	40%		2050	* *			
Masonry: Brick	60%		2040	ч. т			
Site Pavements Public Sidewalk							
Cast in Place Concrete	100%		2035	* *			
Cast in Place Concrete	100%		2033				

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.

Asset # : 13271

			A3361#.13					
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	Priorit
ite Pavements								
On-Site Walkways								
Cast in Place Concrete		Now	\$1,300	2035	**			
			Extent : Moderate d Walkways	, Area Aj	fected : 10%			
			a waikways					
Masonry: Granite	50%			LIFE	* *			
Parking/Driveway	1000/	Now	\$2,700	2033	* *			
Asphalt	Cracking/		\$2,700 Extent : Moderate out		ffected : 30%			
Electrical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System	% of	Fail Date	Estimated Cost		Estimated Cost		Estimated Cost	Priorit
Component	Total	(Years)	Listimuteu Cost	FY	Listimuteu Cost	(Yrs)	Listimuteu Cost	1 1 101 10
Туре		. ,				. ,		
Under 600 Volts								
Service Equipment Fused Disc Sw	100%			2030	\$1,600	5		
Tused Disc 5w			Extent : Light, Area			5		
		i : Electrica	-	ijjeeteu	. 10070			
	Explana	tion : Main	Service Switches H	Rated At .	200 Amperes Each			
Switchgear / Switchboard	<u>^</u>				*			
Molded Case Bkrs	100%			2030	\$34,200	5	\$200	
Raceway								
Conduit	100%			2030	\$33,200	1		
Panelboards	250/			2020	* *	~	¢100	
Molded Case Bkrs	25% 75%			2038 2029		5 5	\$100 \$100	
Molded Case Bkrs	/3%0			2029	\$11,900	3	\$100	
Wiring Thermoplastic	100%			2040	* *	1		
Motor Controllers	10070			2040		1		
Locally Mounted	100%			2028	\$16,000	5	\$100	
Ground					4-0,000	-	+	
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting							•	
Fluorescent	50%		n	2030	\$39,600	10	\$3,400	
	-		res, Extent : Light, out The Building	Area Afj	ected : 100%			
Fluorescent	5%			2030	\$4,000	10	\$300	
	-	Fluorescen 1 : Basemer	t Light, Extent : Lig at	ght, Area	Affected : 100%			
Fluorescent	45%			2030	\$35,700	10	\$3,100	
*			ures, Extent : Ligh					
	-		out The Building		-			

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.

Asset # : 13271

lectrical		Current Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date Estimated C (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
ghting							
Egress Lighting							
Emergency, Battery	50%		2035	* *	10	\$900	
Exit, Service	50%		2035	* *	1		
Exterior Lighting							
HID	50%	_	2030	\$14,900	10		
		ervation, Extent : Light, 1	Area Affected	: 100%			
		: Perimeter					
		tion : Controlled Via Pho	otocell				
No Component	50%						
larm							
Security System							
No Component	50%					.	
Generic	50%		2030	\$12,000	1	\$1,400	
		ervation, Extent : Light, L	Area Affected	: 100%			
		: Inside Only	4 7 7 .				
	Explana	tion : Surveillance Camer	ras And Intrus	sion Alarm System			
Fire/Smoke Detection							
No Component Generic, Analog	Location	ervation, Extent : Light, 2 : Throughout The Buildi	ing		1-3	\$2,400	
Generic, Analog	50% Other Obs Location	: Throughout The Buildi tion : Smoke Detectors, A	Area Affected ing Ilarm Bells Ar	: 100% nd Manual Pull Sta	tion		
Generic, Analog	50% Other Obs Location Explana	: Throughout The Buildi tion : Smoke Detectors, A Current Repair	Area Affected ing Ilarm Bells Ar Futur	: 100% nd Manual Pull Sta e Replacement	tion M	aintenance	
Generic, Analog	50% Other Obs Location	: Throughout The Buildi tion : Smoke Detectors, A	Area Affected ing Ilarm Bells Ar Futur	: 100% nd Manual Pull Sta	tion M		Priori
Generic, Analog Alechanical ystem Component Type eating	50% Other Obs Location Explana % of	: Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C	Area Affected ing Ilarm Bells Ar Futur Cost Year	: 100% nd Manual Pull Sta e Replacement	ntion M Cycle	aintenance	Priori
Generic, Analog Aechanical ystem Component Type eating Energy Source	50% Other Obs Location Explana % of Total	: Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C	Area Affected ing Ilarm Bells Ar Futur Cost Year FY	: 100% ad Manual Pull Sta e Replacement Estimated Cost	ntion M Cycle	aintenance	Priori
Generic, Analog lechanical ystem Component Type eating Energy Source Natural Gas	50% Other Obs Location Explana % of	: Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C	Area Affected ing Ilarm Bells Ar Futur Cost Year	: 100% nd Manual Pull Sta e Replacement	ntion M Cycle	aintenance	Priori
Generic, Analog Acchanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment	50% Other Obs Location Explana % of Total	: Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C	Area Affected ing Ilarm Bells Ar Futur Cost Year FY 2040	: 100% ad Manual Pull Sta e Replacement Estimated Cost * *	M Cycle (Yrs)	aintenance Estimated Cost	Priori
Generic, Analog Aechanical ystem Component Type eating Energy Source Natural Gas	50% Other Obs Location Explana % of Total 100%	: Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C (Years)	Area Affected ing Ilarm Bells An Futur Cost Year FY 2040 2035	: 100% ad Manual Pull Sta e Replacement Estimated Cost **	M Cycle (Yrs)	aintenance	Priori
Generic, Analog Acchanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment	50% Other Obs Location Explana % of Total 100% 100% Other Obs	: Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C (Years)	Area Affected ing Ilarm Bells Ar Futur Cost Year FY 2040 2035 Area Affected	: 100% ad Manual Pull Sta e Replacement Estimated Cost **	M Cycle (Yrs)	aintenance Estimated Cost	Priori
Generic, Analog lechanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment	50% Other Obs Location Explana % of Total 100% 100% Other Obs Location	e : Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C (Years) ervation, Extent : Light, A : Basement Boiler Room	Area Affected ing Ilarm Bells Ar Futur Cost Year FY 2040 2035 Area Affected	: 100% ad Manual Pull Sta e Replacement Estimated Cost **	M Cycle (Yrs)	aintenance Estimated Cost	Prior
Generic, Analog lechanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	50% Other Obs Location Explana % of Total 100% 100% Other Obs Location	: Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C (Years)	Area Affected ing Ilarm Bells Ar Futur Cost Year FY 2040 2035 Area Affected	: 100% ad Manual Pull Sta e Replacement Estimated Cost **	M Cycle (Yrs)	aintenance Estimated Cost	Prior
Generic, Analog lechanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution	50% Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana	e : Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C (Years) ervation, Extent : Light, A : Basement Boiler Room	Area Affected ing Ilarm Bells An Futur Cost Year FY 2040 2035 Area Affected	: 100% ad Manual Pull Sta e Replacement Estimated Cost ** ** : 100%	M Cycle (Yrs) 1	aintenance Estimated Cost \$3,700	Priori
Generic, Analog Aechanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	50% Other Obs Location Explana % of Total 100% 100% Other Obs Location	e : Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C (Years) ervation, Extent : Light, A : Basement Boiler Room	Area Affected ing Ilarm Bells Ar Futur Cost Year FY 2040 2035 Area Affected	: 100% ad Manual Pull Sta e Replacement Estimated Cost **	M Cycle (Yrs)	aintenance Estimated Cost	Priori
Generic, Analog Aechanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	50% Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana 100%	e : Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C (Years) ervation, Extent : Light, A : Basement Boiler Room	Area Affected ing Ilarm Bells Ar Futur Cost Year FY 2040 2035 Area Affected a 2038	: 100% ad Manual Pull Sta e Replacement Estimated Cost ** : 100% **	ttion Cycle (Yrs) 1 1 4	aintenance Estimated Cost \$3,700 \$600	Prior
Generic, Analog Aechanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Convector/Radiator	50% Other Obs Location Explana % of Total 100% 0ther Obs Location Explana 100%	e : Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C (Years) ervation, Extent : Light, A : Basement Boiler Room	Area Affected ing Ilarm Bells An Futur Cost Year FY 2040 2035 Area Affected	: 100% ad Manual Pull Sta e Replacement Estimated Cost ** ** : 100%	M Cycle (Yrs) 1	aintenance Estimated Cost \$3,700	Priori
Generic, Analog Aechanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Convector/Radiator No Component	50% Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana 100%	e : Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C (Years) ervation, Extent : Light, A : Basement Boiler Room	Area Affected ing Ilarm Bells Ar Futur Cost Year FY 2040 2035 Area Affected a 2038	: 100% ad Manual Pull Sta e Replacement Estimated Cost ** : 100% **	ttion Cycle (Yrs) 1 1 4	aintenance Estimated Cost \$3,700 \$600	Priori
Generic, Analog Aechanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Convector/Radiator No Component ir Conditioning	50% Other Obs Location Explana % of Total 100% 0ther Obs Location Explana 100%	e : Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C (Years) ervation, Extent : Light, A : Basement Boiler Room	Area Affected ing Ilarm Bells Ar Futur Cost Year FY 2040 2035 Area Affected a 2038	: 100% ad Manual Pull Sta e Replacement Estimated Cost ** : 100% **	ttion Cycle (Yrs) 1 1 4	aintenance Estimated Cost \$3,700 \$600	Priori
Generic, Analog Aechanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Convector/Radiator No Component	50% Other Obs Location Explana % of Total 100% 0ther Obs Location Explana 100%	e : Throughout The Buildi tion : Smoke Detectors, A Current Repair Fail Date Estimated C (Years) ervation, Extent : Light, A : Basement Boiler Room	Area Affected ing Ilarm Bells Ar Futur Cost Year FY 2040 2035 Area Affected a 2038	: 100% ad Manual Pull Sta e Replacement Estimated Cost ** : 100% **	ttion Cycle (Yrs) 1 1 4	aintenance Estimated Cost \$3,700 \$600	Priori

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.

Asset # : 13271

Mechanical		Current Repair Future Replacement			Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Terminal Devices Air Handler/Dir	100%		2030	\$82,900	1		
Expansion							
		ervation, Extent : Moderate, A	Area Affe	ected : 20%			
		a : Basement					
	Explana	tion : Hot Water Heating Coil					
Heat Rejection							
Air Cooled Condenser	100%		2030	\$14,900	2	\$5,200	
Unit							
Ventilation							
Distribution				de ale			
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,600	
Exhaust Fans	1000/		• • • •	** < 100		* • • • •	
Interior	100%		2030	\$26,400	2	\$200	
Plumbing							
H/C Water Piping	1000/		2040	* *	1		
Brass/Copper	100%		2040	4. 4.	1		
Water Heater	1000/		2025	¢ 4, 500	2	¢100	
Gas Fired	100%		2025	\$4,500	2	\$100	
Sanitary Piping	100%		LIFE	* *	1		
Cast Iron	100%		LIFE		1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
Fixtures	10070		LIFE		1		
Generic	100%						
	10070						
Vertical Transport Elevators							
Hydraulic	100%		LIFE	* *			
Trydraune		ervation, Extent : Light, Area		· 100%			
		: Basement To 1st Floor	i gecieu	. 100/0			
		tion : One Unit					
	Блрийни	non . One onn					

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 : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address		TON IRVING BRANCI G AVE. @WOODBINE \$				
Borough	: BROOKLY		Agency's Number	: 61		
Program / Asset #	BPL0W61.		Yr Built/Renovated	: 01 : 1923 / 2012 : BROOKLYN PUBLIC LIBRARY		
Area Sq Ft	: 9,285		Project Type			
Date of Survey	: 05-Jun-201	9	Landmark Status	: NONE		
Areas Surveyed	: Basement,					
Block	: 3362	Lot : 32	BIN	: 3076852		
CAPITAL			FY 2021 - 2024		FY 2025 - 2030	
Exterior Architect	ture		\$195,100			
Interior Architect	ure		\$98,500			
Electrical					\$37,100	
Mechanical					\$421,600	
Total			\$293,600		\$458,700	
Importance Code	А		\$195,100			
Importance Code	В		\$36,300		\$458,700	
Importance Code	С		\$62,300			
Total			\$293,600		\$458,700	
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024	
Exterior Architect	ture	\$17,500				
Interior Architect	ure	\$20,100			\$1,800	
Electrical		\$25,000	\$200	\$300	\$300	
Mechanical		\$4,000	\$2,600	\$1,700	\$2,400	
Site Enclosure		\$10,900				
Elevators/Escalate	ors	\$3,900	\$3,900	\$3,900	\$3,900	
Total		\$81,300	\$6,800	\$5,900	\$8,500	
Importance Code	А	\$17,900	\$500	\$500	\$500	
Importance Code		\$47,400	\$6,300	\$5,400	\$7,600	
Importance Code	С	\$16,000			\$500	
Total		\$81,300	\$6,800	\$5,900	\$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.

Asset # : 13272

Arabitaatura						
Architecture	Current Re	-	Future Replacemen		laintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Estimated Co FY	ost Cycle (Yrs)	Estimated Cost	Priority
xterior						
Exterior Walls						
Masonry: Brick	95% Now		211° L2	** 5	\$17,700	
	Jnt Mortar Miss/Erod,		Area Affected : 15%			
	Location : Throughout		100 1 500/			
	Vegetation Growth, Ex		Affected : 50%			
	Location : West Face		ACC (1 150/			
	Water Penetration, Ext Location : South Fac		a Affectea : 15%			
Masonry: Limestone	5% Now	\$6,000 I	LIFE *	** 5	\$700	
	Cracking/Crumbling, 1	Extent : Moderate, A	rea Affected : 15%			
	Location : Front Entr					
	Jnt Mortar Miss/Erod, Location : Throughout		Area Affected : 15%			
	Water Penetration, Ext	tent : Moderate, Are	a Affected : 15%			
	Location : South Fac	ade				
Windows	1000/					
Aluminum	100%	4	2046 *	** 5	\$3,500	
Roof	220/ N	¢01.000 T		* *		
Slate	32% Now Gut/DS Non Func/Miss		JIFE			
	Location : Over Mezz		, Area Affectea . 50%	0		
	Water Penetration, Ex		a Affactad · 20%			
	Location : Mezzanine		u Affecteu : 2070			
Slate	68%		LIFE *	** 10	\$9,700	
nterior	0070	1		10	\$7,700	
Floors						
Cast in Place Concrete	10%	Ι	LIFE *	** 5	\$4,500	
	Paint Peeling, Extent :					
	Location : Basement	Boiler Room				
Ceramic Tile	5%		2039 *	** 5	\$500	
Vinyl Tile	85% 0-2	\$3,900	2035 *	** 3	\$3,300	
	Cracking/Crumbling, 1	Extent : Light, Area	Affected : 10%			
	Location : Main Floc	or And Basement				
Interior Walls						
Ceramic Tile	5%		2037	* 5	\$900	
Masonry: Brick	5%		211°L2	* 10	\$300	
Plaster	40% Now		211°L2	** 5	\$2,200	
	Broken/Missing Eleme Location : South Side			5%		
	Cracking/Crumbling, 1					
	Location : South Side	-				
	Water Penetration, Ext Location : South Side					
Plaster	50%	-		** 5-10	\$7,800	
		1		2 10	\$7,000	

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

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

Asset # : 13272

		ASSEL # . 13					
Architecture	Current R	epair	Future	Replacement	М	aintenance	
System Component		Estimated Cost		Estimated Cost		Estimated Cost	Priori
Туре	()				()		
nterior							
Ceilings	10%		LIFE	* *	5-10	\$1,300	
Exposed Concrete Plaster	25% Now	\$36,300	LIFE	* *	5-10	\$1,300 \$1,600	
Flaster	Cracking/Crumbling,				5	\$1,000	
	Location : South Sid						
	Water Penetration, Ex	-					
	Location : South Sid						
Plaster	65%	5	LIFE	* *	5-10	\$11,700	
Site Enclosure	0570				5-10	\$11,700	
Fence/Gates							
Chain Link	25% 2-4	\$1,600	2040	* *			
	Corrosion/Rusting, Ex		Area Affec	ted : 20%			
	Location : Througho	ut Rear Lot Line					
Iron Picket	75% Now	\$7,500	2050	* *			
	Corrosion/Rusting, Ex		Area Affec	ted : 10%			
	Location : Througho						
	Misaligned, Extent : N	Ioderate, Area Aj	fected : 10	0%			
	Location : Main Ent	rance And Throug	ghout				
Free Standing Walls							
Masonry: Brick	100% Now	\$1,500	2040	* *			
	Cracking/Crumbling,		e, Area Afj	fected : 15%			
	Location : Througho						
	Jnt Mortar Miss/Erod,		te, Area A	ffected : 10%			
	Location : Througho	ut					
Retaining Walls							
Cast in Place Concrete	100% 0-2	\$200	2050	**			
	Cracking/Crumbling,		e, Area Afj	fected : 10%			
	Location : Rear Wal	K					
Site Pavements							
Public Sidewalk	100%		2042	* *			
Cast in Place Concrete	10070		2043				
On-Site Walkways Cast in Place Concrete	100%		2043	* *			
	10070		2045				
Electrical	Current R	epair	Future	Replacement	М	aintenance	
System		Estimated Cost		Estimated Cost	Cycle	Estimated Cost	Priorit
Component	Total (Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	Friorit
Туре	roun (rouns)				(115)		
Jnder 600 Volts							
Service Equipment	1000/		0.00-	A	-		
Fused Disc Sw	100%	, , 16 7 .	2030	\$1,600	5		
	Other Observation, Ex		Area Affec	rted : 100%			
	Location : Electrical		Discours	at Switch			
Switchman / Switchter 1	Explanation : One 2	oo Ampere Main	Disconnec	i Swiich			
Switchgear / Switchboard Molded Case Bkrs	100%		2030	\$34,200	5	\$200	
	10070		2050	φ37,200	5	\$200	

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.

Asset # : 13272

			A3561#.13	212				
Electrical		Current I	Repair	Futu	re Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Component Type	Total	(Years)		FY		(Yrs)		
Inder 600 Volts								
Raceway Conduit	90%			2030	\$29,800	1		
Conduit	9078 10%			2050	\$29,800	1		
Panelboards	1070			2030		1		
Fused Disc Sw	5%			2029	\$800	5		
Molded Case Bkrs				2029		5	\$200	
Molded Case Bkrs	70% 25%				\$11,100 * *	5	\$200 \$100	
	23%			2055		5	\$100	
Wiring	50%	2.4	¢14 700	2055	* *	1		
Braided Cloth			\$14,700	2055		1		
		-	ent : Moderate, Are		2a : 10%			
			oor And Upper Lev					
Thermoplastic	40%			2030	\$11,700	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	\$16,000	5	\$100	
Ground								
Grounding Devices								
Generic	100%	2-4	\$10,100	LIFE	* *	5	\$100	
	Other Obs	ervation, E	Extent : Moderate, 2	4rea Affe	ected : 100%			
	Location	a : Water M	lain					
	Explana	tion : Corre	oded					
ighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	\$1,100	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%			2025	\$37,100	10		
larm				-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-		
Security System								
No Component	30%							
Generic	70%			2038	* *	1	\$2,400	
			Extent : Light, Area		l : 10%	-	<i>~_</i> , 100	
		: Mechani	-	55-2220				
			des Fire Alarm De	vices An	d CCTV Svstem			
	· · · · · ·							
Mechanical		Current I	Repair	Futu	re Replacement	Μ	aintenance	

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

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.

Asset # : 13272

Mechanical		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
Ieating								
Conversion Equipment								
Hot Water Boiler	Location		Extent : Light, Area at Boiler Room it	2035 Affected	**	1	\$4,600	
Distribution								
Hot Wtr Piping/Pump	100%			2038	* *	4	\$700	
Terminal Devices								
Air Handler	Location	: Basemen	Extent : Light, Area at Electric Duct Hea			1	\$3,500	
Convector/Radiator	30%		2.000.00 2.000 1100	2035	**	1	\$900	
Fan Coil Unit/Heat	10% Other Obs	ervation, E : Basemer	Extent : Light, Area at	2030	\$13,800 : 100%	1	\$300	
	Explana	tion : Elect	ric Unit Heaters					
ir Conditioning Energy Source Electricity	100%			2046	* *	1		
Conversion Equipment Interior Pkg Unit - Cooling	100%			2028	\$344,000	2	\$600	
Cooling	Location	: Basemen	tent : Light, Area A ht Equipment Room Extent : Light, Area	1				
			nt Equipment Room it Served By 2 Duc		or Condensers.			
Heat Rejection Air Cooled Condenser Unit	100%			2030	\$18,500	2	\$6,500	
	Location	: Basemen						
Ventilation	Explana	tion : 2 Inte	erior Units Associa	ted With	1 Indoor Air Cond	utioner.		
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,200	
Exhaust Fans Interior	100%			2030	\$32,700	2	\$300	
lumbing H/C Water Piping Brass/Copper	100%			2040	* *	1		
Water Heater						-		
Gas Fired	Location	: Basemen	Extent : Light, Area ht allon Storage Tank		\$5,600 : 100%	2	\$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.

Asset # : 13272

Mechanical	Current Repa	ir Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
-	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location : Basement To	2nd Floor				
	Explanation : 1 Unit					

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

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

\$866,900

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Total

Asset Name	: WILLIAMSBURGH BRANCH LIBR	ARY	
Address	: 240 DIVISION AVE. @ MARCY AVE	•	
Borough	: BROOKLYN	Agency's Number	: 60
Program / Asset #	: BPL0007.000 / 4201	Yr Built/Renovated	: 1905 / 2014
Area Sq Ft	: 22,980	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 11-Jan-2018	Landmark Status	: EXTERIOR LANDMARK
Areas Surveyed	: Basement, Roof, Floors 1,2,mz		
Block	: 2189 Lot : 1	BIN	: 3060090
CADITAL		EV 2024 2024	EV 2025 - 2020

- 1 2025 - 2030
\$136,900
\$70,700
\$152,000
\$507,400
\$866,900
\$327,700
\$468,500
\$70,700

\$618,000

		,		
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$2,400			\$21,900
Interior Architecture	\$30,500	\$3,400	\$2,300	\$2,800
Electrical	\$700	\$700	\$600	\$11,400
Mechanical	\$2,800	\$1,900	\$11,100	\$8,500
Site Enclosure	\$4,000			
Site Pavements	\$11,100			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$55,400	\$10,000	\$18,000	\$48,500
Importance Code A	\$3,500	\$1,100	\$1,100	\$23,300
Importance Code B	\$47,600	\$8,800	\$15,400	\$25,200
Importance Code C	\$4,300		\$1,500	
Total	\$55,400	\$10,000	\$18,000	\$48,500



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.

Asset # : 4201

rchitecture		Current	Repair	Futur	e Replacement	Μ	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Copper/Terne	2%			2064	* *	10	\$5,100	
Masonry: Brick	83%			LIFE	* *	5	\$90,200	
Masonry: Limestone	15%			LIFE	* *	5	\$12,200	
Windows								
Wood Parapets Masonry: Brick Masonry: Brick Cavity	Air Infiltra Location Ctrwt/Balt Location Deteriorat Location Thermally Location Split/Crac Location 30% 60%	: Through c Not Fur : Through ed Finish, : Through Inefficient : Through ked, Exten : Through	Extent : Moderate, nout t, Extent : Moderate nout t : Moderate, Area nout	rth Facin ate, Area Area Aff e, Area A Affected LIFE LIFE	ng Windows Affected : 50% Fected : 50% ffected : 100% : 35% ** **	5	\$46,600 \$2,000 \$4,000	
Masonry: Limestone		Now	\$2,400	LIFE	* *	5	\$800	
		· Miss/Ero : Through	d, Extent : Moderat	te, Area 2	Affected : 5%			
Roof	250/			2057	* *	10	¢14.000	
Copper/Terne	25%			2057	* *	10	\$14,000	
Modified Bitumen	75%			2034		10	\$16,800	
Floors								
Carpet	10%			2028	\$50,500	3	\$5,200	
Ceramic Tile	5%			2020	**	5	\$1,700	
Vinyl Tile		Now	\$4,400	2034	* *	3	\$8,400	
ý	Cracking/	Crumbling	, Extent : Moderate Around Main Deck	, Area A	ffected : 10%	-		
Wood	Location Misaligned	: Through	Extent : Moderate,			5	\$6,400	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	\$2,900	
Plaster	65%			LIFE	* *	5	\$11,500	
Wood	30%			LIFE	* *	5	\$70,700	

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

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

Asset # : 4201

Architecture	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Data Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	10%		2042	* *	5	\$3,400	
Plaster	70% Now	\$36,300	LIFE	* *	5	\$15,000	
	Cracking/Crumbling						
	-	hout 2nd Floor, Sta		-	ical Roon	ns	
	Patching Evident, E						
	Location : Throug	hout 2nd Floor, Sta			ical Roon	ns	
Plaster	20%		LIFE	* *	5	\$4,300	
Site Enclosure							
Fence/Gates							
Iron Picket	100% 0-2	\$3,300	2049	* *			
	Corrosion/Rusting,		Area Affe	cted : 10%			
	Location : Throug	hout					
Free Standing Walls							
Masonry: Brick	100% Now	\$700	2039	* *			
	Broken/Missing Elect		erate, Ar	ea Affected : 2%			
	Location : Throug						
	Jnt Mortar Miss/Erc		te, Area A	Affected : 10%			
	Location : Throug						
	Other Observation,	-	Affected	: 100%			
	Location : Throug						
	Explanation : Lim	estone Masonry					
Retaining Walls	1000/		20.40	* *			
Concrete Masonry Unit	100%		2049	<u>ት</u> ት			
Site Pavements							
Public Sidewalk	1000/ 0.2	¢10.000	20.42	* *			
Cast in Place Concrete	100% 0-2	\$10,800	2042				
	Cracking/Crumbling	-	, Area Aj	<i>fjecieu</i> : 10%			
	Location : Throug		166	. 100/			
	Sinking/Subsiding, I Location : Throug	-	Ајјестеа	: 10%			
Q. C'4 W 11-	Locution : Inroug	noui					
On-Site Walkways	500/		20.42	* *			
Cast in Place Concrete	50%	Ф 200	2042	* *			
Pavers/Stone	50% 2-4	\$300 ad Eutont : Light 4	2042				
	Jnt Mortar Miss/Erc Location : Throug		rea Ајјес	ieu : 10%			
	Locution . Inroug	noui					

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

Under 600 Volts

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

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

Asset # : 4201

Electrical		Current Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2029	\$2,900	5	\$600	
		ervation, Extent : Light, Area	Affected	1:100%			
		: Electrical Room					
		tion : The Service Equipment ory Condition.	Conwist	Of A 1,200 Ampere	e C. Brea	iker. It Is In	
Transformers					_		
Dry Type	100%		2034	* *	5	\$100	
Switchgear / Switchboard	• • • • •		• • • • •		_		
Fused Disc Sw	30%		2049	**	5	* 1 00	
Molded Case Bkrs	70%		2029	\$26,000	5	\$400	
Raceway	000/		••••	ala ala			
Conduit	90%		2039	* *	1		
Conduit	10%		2049	* *	1		
Panelboards	0.50/		••••	\$ < 100	-	*2 00	
Molded Case Bkrs	25%		2028	\$6,400 * *	5	\$200	
Molded Case Bkrs	50%		2045	* *	5	\$300	
Molded Case Bkrs	25%		2037	* *	5	\$200	
Wiring			• • • • •	ala ala			
Thermoplastic	90%		2039	* *	1		
Thermoplastic	10%		2049	* *	1		
Motor Controllers	1000/		2027	¢ 53 100	-	\$2 00	
Locally Mounted	100%		2027	\$52,100	5	\$200	
round							
Grounding Devices	1000/						
Not Accessible	100%						
ighting							
Interior Lighting	250/		2024	* *	10	¢5 200	
Fluorescent	25%		2034		10	\$5,300	
	-	s And Fixtures, Extent : Light,	Area AJJ	ectea : 100%			
		: Main Area	1.00	1000/			
		ervation, Extent : Light, Area	Affected	: 100%			
		: Throughout					
	-	tion : T-8 Lamps					
Fluorescent	10%		2024	\$26,500	10	\$2,100	
		ervation, Extent : Light, Area	Affected	: 100%			
		: Main Floor And Basement					
	Explana Conditic	tion : Compact Fluorescent L n.	ight Fixtı	ıres Are Are Old B	ut Are In	ı Satisfactory	
Fluorescent	65%	Now \$172,000	2039	* *			
	Other Obs	ervation, Extent : Light, Area	Affected	: 100%			
		: Offices And General Areas					
		tion : Fixtures Are Old And D		ed Producing Low	Output.		

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.

Asset # : 4201

Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ighting							
Egress Lighting							
Emergency, Battery	50%		2034	* *	10	\$2,800	
		servation, Extent : Light, Area	a Affected	1:100%			
		1 : Throughout Building.					
	Explana Conditio	tion : Relatively Modern Led	Battery F	Pack Fixtures Are I	nstalled.	They Are In Good	
Errit Correion			2020	¢1.000	1		
Exit, Service	50%		2029	\$1,900	1		
Exterior Lighting	1000/		2020	¢00 900	10	¢100	
HID	100%		2029	\$99,800	10	\$100	
larm							
Security System No Component	80%						
Generic	20%		2034	* *	1	\$1,700	
Generic		servation, Extent : Light, Area			1	\$1,700	
		i : Hallways	и Ајјескей	. 10070			
		tion : The Security System Co	ncists Of	CCTV Surveillane	a Camar	a System And	
	Intrusion		msisis Oj	CCTV Surveilland	e Cumen	u System Anu	
Fire/Smoke Detection	1111 115101	, 1100, m.					
	70%						
ino Component	/0%						
No Component Generic, Analog	70% 30%		2024	\$82,100	1-3	\$4,400	
No Component Generic, Analog	30%			\$82,100 1 : 100%	1-3	\$4,400	
-	30% Other Obs				1-3	\$4,400	
-	30% Other Obs Locatior	servation, Extent : Light, Area	a Affected	2 : 100%	_	\$4,400	
Generic, Analog	30% Other Obs Locatior	servation, Extent : Light, Area : Throughout The Building. tion : Fire Alarm Panel Is Ol	a Affected d, But In	1 : 100% Satisfactory Condi	tion.		
Generic, Analog	30% Other Obs Locatior	servation, Extent : Light, Area a : Throughout The Building.	a Affected d, But In	2 : 100%	tion.	\$4,400	
Generic, Analog Mechanical System	30% Other Obs Locatior	servation, Extent : Light, Area : Throughout The Building. tion : Fire Alarm Panel Is Ol	a Affected d, But In Futur Year	1 : 100% Satisfactory Condi	tion. M		Priorit
Generic, Analog Mechanical System Component	30% Other Obs Locatior Explana	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair	a Affected d, But In Futur	1 : 100% Satisfactory Condit re Replacement	tion. M	aintenance	Priorit
Generic, Analog Mechanical System Component Type	30% Other Obs Location Explana	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost	a Affected d, But In Futur Year	1 : 100% Satisfactory Condit re Replacement	tion. M Cycle	aintenance	Priorit
Generic, Analog Mechanical System Component Type Ieating	30% Other Obs Location Explana	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost	a Affected d, But In Futur Year	1 : 100% Satisfactory Condit re Replacement	tion. M Cycle	aintenance	Priorit
Generic, Analog Mechanical System Component Type leating Energy Source	30% Other Obs Location Explana % of Total	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost (Years)	a Affected d, But In J Futur Year FY	1 : 100% Satisfactory Condit re Replacement	tion. M Cycle	aintenance	Priorit
Generic, Analog Mechanical System Component Type leating Energy Source Natural Gas	30% Other Obs Location Explana	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost (Years)	a Affected d, But In Futur Year	2 : 100% Satisfactory Condia Replacement Estimated Cost	tion. M Cycle	aintenance	Priorit
Generic, Analog Mechanical System Component Type leating Energy Source Natural Gas Conversion Equipment	30% Other Obs Location Explana % of Total	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost (Years)	a Affected d, But In Futur Year FY 2039	2 : 100% Satisfactory Condi e Replacement Estimated Cost * *	tion. M Cycle (Yrs)	aintenance Estimated Cost	Priorit
Generic, Analog Mechanical System Component Type leating Energy Source Natural Gas	30% Other Obs Location Explana % of Total 100%	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost (Years)	a Affected d, But In Futur Year FY 2039 2027	1 : 100% Satisfactory Condi e Replacement Estimated Cost * * \$190,800	tion. M Cycle	aintenance	Priori
Generic, Analog Mechanical System Component Type leating Energy Source Natural Gas Conversion Equipment	30% Other Obs Location Explana % of Total 100% 0ther Obs	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost (Years) servation, Extent : Light, Area	a Affected d, But In Futur Year FY 2039 2027	1 : 100% Satisfactory Condi e Replacement Estimated Cost * * \$190,800	tion. M Cycle (Yrs)	aintenance Estimated Cost	Priorit
Generic, Analog Mechanical System Component Type Ieating Energy Source Natural Gas Conversion Equipment	30% Other Obs Location Explana % of Total 100% 0ther Obs Location	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost (Years) servation, Extent : Light, Area a : Boiler Room	a Affected d, But In Futur Year FY 2039 2027	1 : 100% Satisfactory Condi e Replacement Estimated Cost * * \$190,800	tion. M Cycle (Yrs)	aintenance Estimated Cost	Priorit
Generic, Analog Mechanical System Component Type Jeating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	30% Other Obs Location Explana % of Total 100% 0ther Obs Location	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost (Years) servation, Extent : Light, Area	a Affected d, But In Futur Year FY 2039 2027	1 : 100% Satisfactory Condi e Replacement Estimated Cost * * \$190,800	tion. M Cycle (Yrs)	aintenance Estimated Cost	Priorit
Generic, Analog Mechanical System Component Type Ieating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution	30% Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost (Years) servation, Extent : Light, Area a : Boiler Room tion : 1 Boiler	a Affected d, But In Futur Year FY 2039 2027 a Affected	1 : 100% Satisfactory Condi e Replacement Estimated Cost * * \$190,800	tion. Cycle (Yrs) 1 1	aintenance Estimated Cost \$11,400	Priorit
Generic, Analog Mechanical System Component Type Ieating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	30% Other Obs Location Explana % of Total 100% 0ther Obs Location	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost (Years) servation, Extent : Light, Area a : Boiler Room tion : 1 Boiler	a Affected d, But In Futur Year FY 2039 2027	1 : 100% Satisfactory Condia re Replacement Estimated Cost * * \$190,800 1 : 100%	tion. M Cycle (Yrs)	aintenance Estimated Cost	Priorit
Generic, Analog Mechanical System Component Type Ieating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	30% Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana 100%	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost (Years) servation, Extent : Light, Area a : Boiler Room tion : 1 Boiler	a Affected d, But In Futur Year FY 2039 2027 a Affected 2037	1 : 100% Satisfactory Condia re Replacement Estimated Cost * * \$190,800 1 : 100%	tion. Cycle (Yrs) 1 1	aintenance Estimated Cost \$11,400 \$1,700	Priorit
Generic, Analog Mechanical System Component Type Ieating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Convector/Radiator	30% Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost (Years) servation, Extent : Light, Area a : Boiler Room tion : 1 Boiler	a Affected d, But In Futur Year FY 2039 2027 a Affected	2 : 100% Satisfactory Condi e Replacement Estimated Cost ** \$190,800 1 : 100% **	tion. Cycle (Yrs) 1 1 4	aintenance Estimated Cost \$11,400	Priorit
Generic, Analog Mechanical System Component Type Ieating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	30% Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana 100%	servation, Extent : Light, Area a : Throughout The Building. tion : Fire Alarm Panel Is Ol Current Repair Fail Date Estimated Cost (Years) servation, Extent : Light, Area a : Boiler Room tion : 1 Boiler	a Affected d, But In Futur Year FY 2039 2027 a Affected 2037	2 : 100% Satisfactory Condi e Replacement Estimated Cost ** \$190,800 1 : 100% **	tion. Cycle (Yrs) 1 1 4	aintenance Estimated Cost \$11,400 \$1,700	Priorit

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.

Asset # : 4201

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								
Conversion Equipment Exterior Pkg Unit - Cooling	70%			2029	\$140,300	2	\$1,000	
cooning	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%			
		: Through						
	Explana	ion : Refrig	gerant - Hcfc-22					
Split Unit	25%			2029	\$132,100			
Window/Wall Unit	5%			2024	\$2,600	1		
Distribution								
Ductwork/Diffusers	95%			LIFE	* *	2	\$28,400	
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,800	
Exhaust Fans				• • • • •	* 4 4 6 6 6		* 4 • • •	
Interior	50%			2029	\$44,000	2	\$400	
Roof	5%			2029	\$2,100	2		
No Component	45%							
Plumbing								
H/C Water Piping Brass/Copper	100%			2039	* *	1		
Water Heater	10070			2039		1		
Gas Fired	100%			2027	\$15,100	2	\$300	
		ervation, E	xtent : Light, Area			-	4000	
		: Basemen	-	55				
	Explana	tion : 40 Ga	illons					
Sanitary Piping	-							
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2024	\$3,800	4	\$500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators	1000/			LIPP	* *			
Hydraulic		: Basemen	xtent : Light, Area t To 2nd Floor	LIFE Affected				

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

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

Print Date : 12-Sep-2019 BROOKLYN PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block		TH ST. @FC LYN 7.000 / 1327 2013		LIBRARY ON PARKWAY Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: 77 : 1969 / 1994 : BROOKLYN PUBLI : NONE : 3124000	C LIBRARY
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architect Interior Architect Electrical Mechanical				\$78,100 \$85,300 \$145,500 \$183,100		\$357,300
Total				\$492,000		\$357,300
Importance Code Importance Code				\$78,100 \$413,900		\$357,300
Total				\$492,000		\$357,300
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architect Interior Architect Electrical Mechanical			\$4,900 \$38,200 \$51,300 \$17,600	\$5,400 \$800 \$5,900	\$700 \$1,100	\$1,200 \$43,700 \$41,900
Total			\$111,900	\$12,100	\$1,700	\$86,800
Importance Code Importance Code Importance Code	В		\$22,300 \$57,900 \$31,800	\$400 \$11,700	\$400 \$1,400	\$400 \$86,400
Total			\$111,900	\$12,100	\$1,700	\$86,800



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

BROOKLYN PUBLIC LIBRARY - 038 WINDSOR TERRACE BRANCH LIBRARY

Asset # : 13273

	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	= 0 /		• • - • •			_	†2 0 0 0		
Cast in Place Concrete		netration, E	\$4,700 Extent : Moderate, Vindow Lintels	LIFE Area Affe	* * cted : 10%	5	\$3,900		
Masonry: Brick	Diagonal		\$42,300 tent : Severe, Area Cracks On South S		* *	5	\$13,300		
	Other Observation, Extent : Light, Area Affected : 100% Location : Throughout								
	Explana Below	tion : Buila	ling Is Above A Su	bway Eas	ement. Building S	Shakes Wh	en Trains Pass		
Pre-Cast Concrete	10%			LIFE	* *	5	\$5,100		
Windows									
Glass Block	95%		•	LIFE	* *	5	\$500		
Steel	5%		\$200	2040	* *	5	\$200		
		ietration, E i : Back Off	xtent : Moderate, fice	Area Affe	cted : 15%				
Single Ply Membrane	Location Water Per	a : Various netration, E	tent : Moderate, A Locations Throug extent : Moderate, echanical Room	hout					
erior									
F1									
Floors					* *	5			
Cast in Place Concrete	5%			LIFE		5	\$1,200		
	5% Uneven Si	Now	\$5,200 stent : Moderate, A strance	LIFE	* * sted : 15%		\$1,200 \$400		
Cast in Place Concrete	5% Uneven St Location Other Obs Location	Now ubstrate, Ex i : Main En servation, En i : Main En	ctent : Moderate, A trance Extent : Severe, Ar trance	LIFE Irea Affec	eted : 15%		-		
Cast in Place Concrete Terrazzo	5% Uneven St Location Other Obs Location Explana	Now ubstrate, Ex a : Main En servation, E a : Main En tion : Settle	ctent : Moderate, A trance Extent : Severe, Ar	LIFE Irea Affec ea Affecte	rted : 15% rd : 15%	5	\$400		
Cast in Place Concrete	5% Uneven St Location Other Obs Location	Now ubstrate, Ex a : Main En servation, E a : Main En tion : Settle	ctent : Moderate, A trance Extent : Severe, Ar trance	LIFE Irea Affec	eted : 15%	5	-		
Cast in Place Concrete Terrazzo Vinyl Tile	5% Uneven St Location Other Obs Location Explana 90% 40% Diagonal Location Vertical C	Now ubstrate, Ex uservation, E wervation, E tion : Settle Now Cracks, Ex uservation Cracks, Exte	ctent : Moderate, A trance Extent : Severe, Ard trance ement Crack \$31,800 tent : Severe, Area al / Storage Room, ent : Severe, Area	LIFE Area Affecte 2024 LIFE Affected Back Off Affected :	eted : 15% ed : 15% \$85,300 * * : 20% îce 2%	5	\$400		
Cast in Place Concrete Terrazzo Vinyl Tile Interior Walls	5% Uneven St Location Other Obs Location Explana 90% 40% Diagonal Location Vertical C Location Other Obs Location	Now ubstrate, Ex ubstrate, Ex servation, E : Main En tion : Settle Now Cracks, Exten : Electrica Cracks, Exten : Ist Flood servation, En : Through	ctent : Moderate, A trance Extent : Severe, Ard trance ement Crack \$31,800 tent : Severe, Area al / Storage Room, ent : Severe, Area r, Electrical / Stor Extent : Light, Area out	LIFE Area Affecte 2024 LIFE Affected Back Off Affected : age Room Affected	eted : 15% ed : 15% \$85,300 * * : 20% fice 2% p, Back Office : 30%	5	\$400 \$4,700 \$1,800		
Cast in Place Concrete Terrazzo Vinyl Tile Interior Walls	5% Uneven St Location Other Obs Location Explana 90% 40% Diagonal Location Vertical C Location Other Obs Location	Now ubstrate, Ex- ubstrate, Ex- servation, E- tion : Settle Now Cracks, Ex- Cracks, Ex- tion : Electrica Cracks, Ex- tion : Sut Floor the constance of the second the constance of the second the constance of the second the second of the second of the second of the second the second of the second	ctent : Moderate, A trance Extent : Severe, Ard trance ement Crack \$31,800 tent : Severe, Area al / Storage Room, ent : Severe, Area r, Electrical / Stor Extent : Light, Area	LIFE Area Affecte 2024 LIFE Affected Back Off Affected : age Room Affected	eted : 15% ed : 15% \$85,300 * * : 20% fice 2% p, Back Office : 30%	5	\$400 \$4,700 \$1,800		
Cast in Place Concrete Terrazzo Vinyl Tile Interior Walls	5% Uneven St Location Other Obs Location Explana 90% d0% Diagonal Location Vertical C Location Other Obs Location Explana	Now ubstrate, Ex ubstrate, Ex servation, E : Main En tion : Settle Now Cracks, Ex : Electrica racks, Exten : Ist Floo. rervation, E : Through tion : Buila Walls	ctent : Moderate, A trance Extent : Severe, Ard trance ement Crack \$31,800 tent : Severe, Area al / Storage Room, ent : Severe, Area r, Electrical / Stor Extent : Light, Area out	LIFE Area Affecte 2024 LIFE Affected Back Off Affected : age Room Affected	eted : 15% ed : 15% \$85,300 * * : 20% fice 2% p, Back Office : 30%	5 3 5 nusing Cro	\$400 \$4,700 \$1,800		
Cast in Place Concrete Terrazzo Vinyl Tile Interior Walls Concrete Masonry Unit	5% Uneven St Location Other Obs Location Explana 90% Diagonal Location Vertical C Location Other Obs Location Explana Interior 60%	Now ubstrate, Ex ubstrate, Ex servation, E vervation, E is Main En tion : Settle Now Cracks, Ext is Electrica is racks, Exten is Ist Floo servation, E is Through tion : Buila Walls	ctent : Moderate, A trance Extent : Severe, Ard trance ement Crack \$31,800 tent : Severe, Area al / Storage Room, ent : Severe, Area r, Electrical / Stor Extent : Light, Area out	LIFE Irea Affecte 2024 LIFE Affected Back Off Affected : age Room Affected Martin	eted : 15% ed : 15% \$85,300 * * : 20% fice 2% p, Back Office ': 30% ns Pass Below Ca	5 3 5 uusing Cro 5	\$400 \$4,700 \$1,800		

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

BROOKLYN PUBLIC LIBRARY - 038 WINDSOR TERRACE BRANCH LIBRARY

Asset # : 13273

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
Jnder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2034	* *	5	\$200	
			xtent : Moderate, .	Area Affe	ected : 100%			
		i : Electrico			and Chuidel			
Servital again / Servital harman	Explana	tion : One .	350 Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard Molded Case Bkrs	100%			2034	* *	5	\$200	
Raceway								
Conduit	90%			2034	* *	1		
Conduit	10%			2024	\$3,300	1		
Panelboards	100/			2022	* *	5		
Fused Disc Sw	10%			2032	* *	5	¢200	
Molded Case Bkrs	90%			2032	* *	5	\$200	
Wiring Braided Cloth	70%	2-4	\$20.500	2049	* *	1		
Braided Cloth			\$20,500 ent : Moderate, Are			1		
		1 : Through		u nyjecie	. 10070			
Thermoplastic	30%	-		2034	* *	1		
Motor Controllers	5070			2034		1		
Locally Mounted	100%			2029	\$16,000	5		
Ground				_ • _ >	+			
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	90%			2024	\$67,700	10	\$5,900	
			xtent : Light, Area	Affected	l : 100%			
		-	out The Building					
		tion : T-12	Lamps					
Incandescent	10%			2021	\$7,500	2		
Egress Lighting				• • • •	* - 1	10	* • • • •	
Emergency, Battery	50%			2024	\$5,100	10	\$900	
Exit, Service	50%			2024	\$500	1		
Exterior Lighting	700/			2024	¢10.000	10		
HID	70%			2024	\$19,900	10		
Incandescent	30%			2024	\$7,200	2		
Alarm Security System								
Generic	100%	Now	\$22,700	2034	* *	1	\$2,400	
Generie			s22,700 xtent : Severe, Area			1	φ2,400	
		i : Through						
Fire/Smoke Detection								
Generic	100%			2021	\$77,800	1-3	\$4,500	
	10070				\$11,000		\$.,2 00	

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.

BROOKLYN PUBLIC LIBRARY - 038 WINDSOR TERRACE BRANCH LIBRARY

Asset # : 13273

Mechanical	Current I	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%		2034	* *	1		
Conversion Equipment Furnace	100% Now Not in Service, Exten Location : The Unit Other Observation, E	For Main Entranc	:e		1	\$3,200	
	Location : 1st Floor		00				
	Explanation : 4 Un	its					
Air Conditioning							
Energy Source	1000/		2022	* *			
Electricity	100%		2032	* *	1		
Conversion Equipment Int Pkg Unit - Heating/Cooling	70%		2022	\$104,700	2	\$300	
8	R-22 Refrigerant, Ex. Location : Equipme	-	ffected :	70%			
Reciprocating Compr/Chiller	30%		2024	\$17,900	1	\$1,000	
	R-22 Refrigerant, Ex. Location : Roof	tent : Light, Area A	ffected :	30%			
Terminal Devices Fan Coil - 2 Pipe	30%		2024	\$40,200	1	\$700	
No Component	70%		2024	\$40,200	1	\$700	
Heat Rejection	/0/0						
Dry Cooler	100%		2024	\$38,300	2	\$4,900	
Ventilation				+		•)	
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,000	
Exhaust Fans					-		
Interior	80%		2024	\$20,000	2	\$200	
Roof	20%		2024	\$2,300	2		
Plumbing H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater	10070		2057		1		
Gas Fired	100%		2022	\$4,300	2	\$100	
Sanitary Piping				-			
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
Fixtures Generic	100%						

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

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