Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name	· AKLINO	TON BRANCH LIBRARY	ľ		
Address	: 203 ARL	INGTON AVE. @WARWI	CK ST.		
Borough	: BROOK	LYN	Agency's Number	: 21	
Program / Asset #	: BPL0A2	1.000 / 13233	Yr Built/Renovated	: 1906 / 2001	
Area Sg Ft	: 16,385		Project Type	: BROOKLYN PUBL	IC LIBRARY
Date of Survey	: 25-Oct-2	017	Landmark Status	: NONE	
Areas Surveyed	: Basemen	t, Roof, Floors 1,mz			
Block	: 3923	Lot : 52	BIN	: 3087001	
CAPITAL			FY 2020 - 2023		FY 2024 - 2029
Exterior Architec	ture		\$142,100		
Interior Architect	ure				\$147,200
Mechanical			\$594,200		\$141,600
Total			\$736,400		\$288,800
Importance Code	А		\$142,100		
Importance Code	В		\$594,200		\$288,800
Total			\$736,400		\$288,800
EXPENSE		FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architec	ture	\$2,000		\$4,500	
Interior Architect	ure	\$103,400		\$1,200	\$2,100
Electrical		\$600	\$200	\$400	\$200
Mechanical		\$9,400	\$1,700	\$2,900	\$1,300
Site Enclosure		\$3,100			
Elevators/Escalat	ors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$122,500	\$5,900	\$13,000	\$7,600
Importance Code	А	\$2,900	\$800	\$5,400	\$800
Importance Code	В	\$84,300	\$5,100	\$7,000	\$6,800
Importance Code	С	\$35,400		\$600	
Total		\$122,500	\$5,900	\$13,000	\$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 # : 13233

Architecture		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	Priorit
xterior								
Exterior Walls								
Masonry: Brick	Effloresce Location	: Through				5	\$22,700	
	Location Water Pen	: Through etration, E	xtent : Moderate, A					
	Location	: Hallway	By Elevator					
Masonry: Limestone	10%			LIFE	* *	5	\$3,800	
Windows								
Aluminum	95%			2037	* *	5	\$5,000	
Wood		Now	\$200	2037	* *	5	\$1,300	
		: Toilet, O	ents, Extent : Mod ffice	erate, Ar	ea Affected : 2%			
Parapets Metal Cornice	100%			2044	* *	10		
Roof	10070			2011		10		
Asphalt Shingle	70%			2032	* *	10	\$2,000	
Modified Bitumen	30%			2034	* *	10	\$5,200	
Soffits Masonry: Limestone	100%			LIFE	* *	5		
terior								
Floors								
Cast in Place Concrete		ing, Extent : Basemen	: Light, Area Affeo t	LIFE cted : 10	* * %	5	\$19,500	
Ceramic Tile	5%			2032	* *	5	\$1,100	
Vinyl Tile		Now	\$29,400	2029	\$147,200	3	\$6,300	
	Location	: Through	Extent : Moderate out Moderate, Area A		ffected : 20%			
		: Through		.				
Interior Walls		5						
Ceramic Tile	5%			2032	* *	5	\$1,300	
Plaster		Now	\$17,000	LIFE	* *	5	\$6,100	
	Location	: Hallway	Extent : Moderate By Elevator, Meet xtent : Moderate, A	ing Roon	n			
			By Elevator					
Wood	15%			LIFE	* *	5	\$30,600	
Ceilings								
Gypsum Board	10%			LIFE	* *	5-10	\$7,700	
Plaster	87%			LIFE	* *	5-10	\$33,300	
Wood	3%			LIFE	* *	5	\$11,700	

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

		ASSEL # . 13	233				
Architecture	Cur	rent Repair	Futur	e Replacement	N	laintenance	
System Component Type		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure							
Fence/Gates							
Iron Picket	99% No	. ,	2049	* *			
	-	Elements, Extent : Mod	erate, Ar	ea Affected : 5%			
		ont Of Building					
		ing, Extent : Moderate, A	Area Affe	cted : 10%			
		ont 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				at at			
Cast in Place Concrete	100%		2042	* *			
	0	bling, Extent : Light, Are	ea Affect	ed : 5%			
	Location : Th	ougnout					
On-Site Walkways	000/		2024	* *			
Cast in Place Concrete	90%		2034	* *			
Masonry: Granite	10%		LIFE	• •			
Parking/Driveway Cast in Place Concrete	100%		2034	* *			
Electrical	Cur	rent Repair	Futur	e Replacement	N	aintenance	
System Component Type		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2039	* *	5	\$100	
	Other Observat	ion, Extent : Light, Area	Affected	! : <i>100%</i>			
	Location : Ele	ctrical Room					
	Explanation :	2- Main Service Discon	nect Swit	ches Rated At 400	Amperes	s And 200	
<u> </u>	Amperes.						
Switchgear / Switchboard	1000/		2020	* *	-	¢ 400	
Molded Case Bkrs	100%		2039		5	\$400	
		ion, Extent : Light, Area	Ајјестеа	: 100%			
	Location : Ele						
Receiver	Explanation :	1- Vertical Section					
Raceway Conduit	100%		2039	* *	1		
Panelboards	10070		2039		1		
Fused Disc Sw	5%		2037	* *	5		
Molded Case Bkrs	95%		2037	* *	5	\$400	
Wiring	9570		2037		5	\$ 4 00	
Thermoplastic	100%		2039	* *	1		
Ground	10070		2039		1		

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

		Asset # 11	5233				
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
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$500	
Lighting							
Interior Lighting							
Fluorescent	1%		2024	\$1,700	10	\$200	
	-	os And Fixtures, Extent : Ligh : Boiler Room		ffected : 100%			
Incandescent	1%		2029	\$1,700	2		
LED	98%		2037	* *			
Egress Lighting							
Emergency, Battery	50%		2034	* *	10	\$2,000	
Exit, Service	50%		2034	* *	1		
Exterior Lighting							
HID	30%		2029	\$19,200	10		
No Component	70%						
Alarm							
Security System	70%						
No Component Generic	70% 30%		2034	* *	1	\$1,800	
Generic		Entert Link Anna			1	\$1,000	
		ervation, Extent : Light, Arec	і Ајјесіей	. 100%			
		: Inside And Outside					
	Explana	tion : CCTV Surveillance Car	neras				
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
Ieating							•
Energy Source							
Natural Gas	100%		2039	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2034	* *	1	\$8,100	
		ervation, Extent : Light, Arec	ı Affected	1 : 100%			
		: Basement Boiler Room					
	Explana	tion : 1 Unit					
Distribution							
Hot Wtr Piping/Pump	100%		2037	* *	4	\$1,200	
Terminal Devices							
Convector/Radiator	100%		2027	\$85,100	1	\$5,300	
Air Conditioning							
Energy Source	. دمد د						
Electricity	100%		2037	* *	1		
Conversion Equipment Interior Pkg Unit -	100%		2023	\$594,200	2	\$1,000	
Cooling							

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	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$14,500	
Exhaust Fans							
Interior	100%		2024	\$56,500	2	\$500	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater							
Electric	100%		2028	\$14,000	4	\$100	
	Recent Rep	lace Evident, Extent : Light,	Area Affe	ected : 100%			
	Location .	: Boiler Room					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%	0-2 \$2,400	2039	* *	4	\$300	
	On Extende	ed Life, Extent : Moderate, A	rea Affec	ted : 100%			
	Location .	: Basement					
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
2	Other Obse	rvation, Extent : Light, Area	Affected	: 100%			
	Location .	: Basement To 2nd Floor					
	Explanati	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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

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	D STREET Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: 28 : 1961 / 2004 : BROOKLYN PUBLIC : NONE : 3147279	CLIBRARY
	. 5707			. 514727)	
CAPITAL			FY 2020 - 2023		FY 2024 - 2029
Exterior Architec Mechanical	ture		\$112,800		\$190,400
					\$180,400
Total			\$112,800		\$180,400
Importance Code	А		\$112,800		
Importance Code	В				\$180,400
Total			\$112,800		\$180,400
EXPENSE		FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architec	ture	\$29,700		\$7,500	
Interior Architect	ture	\$44,100	\$2,800	\$2,200	
Electrical		\$4,700	\$1,400	\$1,700	\$1,400
Mechanical		\$7,100	\$1,800	\$2,400	\$1,600
Site Enclosure		\$1,200			
Elevators/Escalat	tors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$90,800	\$9,900	\$17,800	\$7,000
Importance Code	A	\$30,500	\$800	\$8,300	\$800
Importance Code		\$35,400	\$9,100	\$9,400	\$6,100
Importance Code	C	\$24,800	-	-	-
Total		\$90,800	\$9,900	\$17,800	\$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.

Asset # : 13234

			A5561#.1					
rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
terior								
Exterior Walls						_	* • • • • • •	
Glazed Ceramic Panel	5% 70%		¢0.500	LIFE	* *	5	\$10,100	
Masonry: Brick	Jnt Morta		\$9,500 l, Extent : Modera	LIFE te, Area		5	\$15,200	
Masonry: Limestone	Jnt Morta Location Recent Re	a : Pilasters pair Evider	nt, Extent : N/A, Ar			5	\$800	
	Location	a : Columns						
Metal Panel	5%			2049	* *	5-10	\$7,400	
Window Wall	-		\$3,200 d, Extent : Moderd	2049 ate, Area	* * Affected : 25%	5	\$6,100	
Windows				20.45	* *	E	\$7,000	
Aluminum Parapets	100%			2045	•• ••	5	\$7,900	
Masonry: Brick	Cracking/ Location Jnt Morta	: Through	l, Extent : Modera	-	-	5	\$2,400	
	Location	: Interior	derate, Area Affec Face xtent : Moderate, 1					
		: Through		1,00011550	0.000 10,0			
Masonry: Limestone	Jnt Morta	Now r Miss/Erod t : Coping	\$1,900 l, Extent : Modera	LIFE te, Area	* * Affected : 25%	5	\$200	
Metal Panel	5%			2049	* *	5	\$700	
Metal Rail	20%			2042	* *	5-10	\$12,400	
Roof								
Copper/Terne Modified Bitumen	Blisters, E Location Ponding, I	a : Over Sec Extent : Mo	derate, Area Affec			10	\$2,200	
	Seams Op Location Vegetation	a : Over Sec	tent : Moderate, A cond Floor Extent : Moderate,					
Skylight, Metal/Glass	2%			2039	* *	10	\$1,200	
Soffits	100%			LIFE			-	

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	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$9,800	
Ceramic Tile	5%	0-2	\$2,200	2038	* *	5	\$600	
	Int Mortan Location		d, Extent : Moderat	e, Area A	Affected : 10%			
Terrazzo	5%	0-2	\$2,700	LIFE	* *	5	\$900	
		led, Extent : Entrance	: Moderate, Area . ?	Affected	: 25%			
Vinyl Tile	80%			2034	* *	3	\$6,700	
Interior Walls								
Ceramic Tile	5%	0-2	\$800	2038	* *	5	\$700	
Conorato Magona, Unit	Location	: Toilets	ents, Extent : Mod		ea Affected : 10%	5	\$1.100	
Concrete Masonry Unit	10%	Now	\$1,200 hents, Extent : Mod	LIFE		5	\$1,100	
		: Basemen						
	Water Pen		xtent : Moderate, A	Area Affe	cted : 2%			
Gypsum Board	60%			LIFE	* *	5-10	\$26,900	
Masonry: Brick	10%			LIFE	* *	10	\$800	
Plaster	5%	Now	\$2,200	LIFE	* *	5	\$400	
	0	0	Extent : Moderate om 1st And 2nd Fl	e e	ffected : 5%			
	Paint Peel	ing, Extent	: Moderate, Area	Affected	: 10%			
	Location	: Main Ro	om 1st And 2nd Fl	oor				
	8	6	Extent : Moderate om 1st And 2nd Fl		ffected : 5%			
	Water Pen	etration, E	xtent : Severe, Are	a Affecte	d : 10%			
			om 1st And 2nd Fl					

Note : 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 Re			e Replacement	М	aintenance	
					-			
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings								
AcousTileSusp.Lay-In	25%			2046	* *	5	\$5,600	
	Staining/D	iscoloring, E	Extent : Light, Ar	ea Affect	ed : 5%			
	Location	: Main Roor	n 1st And 2nd Fl	oor				
Exposed Concrete	10%			LIFE	* *	5-10	\$2,800	
Gypsum Board	60%	Now	\$7,000	LIFE	* *	5	\$16,700	
	Loose/Deld	am Surface, 1	Extent : Moderat	e, Area A	Affected : 10%			
	Location	: Toilets An	d Basement					
	Water Pen	etration, Ext	ent : Moderate, A	Area Affe	cted : 25%			
	Location	: Toilets And	d Basement					
Plaster	5%			LIFE	* *	5-10	\$1,900	
	Loose/Dele	am Surface, 1	Extent : Moderat	e, Area A	Affected : 5%		-	
	Location	: Toilets And	d Basement					
	Water Pen	etration, Ext	ent : Moderate, A	Area Affe	cted : 10%			
	Location	: Toilets An	d Basement					
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2064	* *			
Free Standing Walls								
Masonry: Brick		Now	\$1,200	2049	* *			
		-	nts, Extent : Mod	erate, Ar	ea Affected : 10%			
		: Rear Gate		4.00	1 100/			
			t : Moderate, Are	ea Affecte	ed : 10%			
	Location	: Rear Gate						
Retaining Walls	1000/			2064				
Cast in Place Concrete	100%			2064	* *			
Site Pavements								
Public Sidewalk	000/			2046	* *			
Cast in Place Concrete	90% 10%			2046	* *			
Pavers/Stone	10%			2042				
On-Site Walkways Cast in Place Concrete	80%			2042	* *			
Pavers/Stone	20%			2042	* *			
Parking/Driveway	2070			2038				
Asphalt	85%			2038	* *			
Cast in Place Concrete	15%			2038	* *			
	1 J / 0			20 4 2				
Electrical		Current Re	pair	Futur	e Replacement	Μ	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cvcle	Estimated Cost	Priorit
Component	Total	(Years)		FY		(Yrs)		
Туре		. ,				```		
Jnder 600 Volts								
Service Equipment Air Circuit Breaker	100%			2049	* *	5	\$100	
Air Uircuif Breaker	100%			2049		3		

Air Circuit Breaker	100%	2049	* *	5	\$100
Switchgear / Switchboard Air Circuit Breaker	100%	2049	* *	5	\$100
All Circuit Dicakei	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

		ASSet # . IS	234				
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							
Conduit	100%		2049	* *	1		
Panelboards	=0 (0045	ىك ىك	-		
Fused Disc Sw	5%		2045	* *	5	¢ 400	
Molded Case Bkrs	90% 5%		2045 2028		5	\$400	
Molded Case Bkrs	3%		2028	\$800	5		
Wiring Braided Cloth	10%	2-4 \$2,900	2054	* *	1		
Dialded Cloth		Aged, Extent : Moderate, Are		ed : 100%	1		
		: Basement					
Thermoplastic	90%		2049	* *	1		
Motor Controllers	9070		2049		1		
Locally Mounted	70%		2042	* *	5	\$100	
Locally Mounted	30%		2012	\$9,400	5	\$100	
Ground				<i>+> , • • •</i>			
Grounding Devices							
Generic	100%		LIFE	* *	5	\$500	
Lighting							
Interior Lighting							
LED	100%		2039	* *			
Egress Lighting							
Emergency, Battery	50%		2034	* *	10	\$2,000	
Exit, LED	10%		2069	* *	1		
Exit, Service	40%		2034		1		
Exterior Lighting LED	100%		2039	* *			
Alarm	10070		2039				
Security System							
No Component	30%						
Generic	70%		2034	* *	1	\$4,300	
	Other Obs	ervation, Extent : Light, Area	Affected	! : 100%			
	Location	: Inside And Outside The Bui	lding				
	Explanat	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		Estimated Cost	Cycle	Estimated Cost	Priority
Component	Total	(Years)	FY		(Yrs)		
Туре							
Heating							
Energy Source	1000/		2040	* *	1		
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

A5501#.	13234				
Current Repair	Future	Replacement	Μ	aintenance	
			Cycle (Yrs)	Estimated Cost	Priorit
					•
60% Other Observation, Extent : Light, Ar Location : Roof Explanation : 3 Package Units	2029 ea Affected :	\$22,600 60%	1	\$4,900	
40% Other Observation, Extent : Light, Ar Location : Basement Boiler Room Explanation : 1 Unit	2042 ea Affected :	* * 40%	1	\$3,300	
40% 60%	2037	* *	4	\$500	
40% 60%	2042	* *	1	\$2,100	
100%	2037	* *	1		
90%	2029	\$180,400	2	\$900	
Location : Roof					
10% R-22 Refrigerant, Extent : Light, Area Location : 1 Unit In Roof	2029 n Affected : 1	\$34,200 0%			
10% 90%	2029	\$30,500	1	\$500	
10% 90%	2029	\$8,700	2	\$1,200	
			-		
100%	LIFE	* *	2-5	\$14,600	
100%	2029	\$26,600	2	\$500	
1000/					
100%	2039	* *	1		
100%	2039 2027	* * \$9,800	1	\$200	
	Current Repair % of Fail Date Estimated Cost Total (Years) 60% Other Observation, Extent : Light, Ar Location : Roof Explanation : 3 Package Units 40% Other Observation, Extent : Light, Ar Location : Basement Boiler Room Explanation : 1 Unit 40% 60% 0ther Observation, Extent : Light, Ar Location : Basement Boiler Room Explanation : 1 Unit 40% 60% 100% 90% R-22 Refrigerant, Extent : Light, Area Location : Roof Other Observation, Extent : Light, Area Location : Roof Other Observation, Extent : Light, Area Location : Roof No R-22 Refrigerant, Extent : Light, Area Location : Roof 10% R-22 Refrigerant, Extent : Light, Area Location : 1 Unit In Roof 10% 90% 10% 90% 10% 90%	% of TotalFail Date (Years)Year FY60%2029Other Observation, Extent : Light, Area Affected : Location : Roof2042Other Observation, Extent : Light, Area Affected : Location : Basement Boiler Room Explanation : 1 Unit2042Other Observation, Extent : Light, Area Affected : Location : Basement Boiler Room Explanation : 1 Unit203740%203760%204200%203790%2029R-22 Refrigerant, Extent : Light, Area Affected : 9 Location : Roof202900her Observation, Extent : Light, Area Affected : 9 Location : Roof2029R-22 Refrigerant, Extent : Light, Area Affected : 9 Location : Roof202900%2029R-22 Refrigerant, Extent : Light, Area Affected : 9 Location : Roof202900%202910%202990%202910%202990%202910%202990%2029	Current RopairFuture Replacement% of TotalFail Date Estimated Cost FYYear FYEstimated Cost FY60%2029\$22,600Other Observation, Extent : Light, Area Affected : 60% Location : Roof Explanation : 3 Package Units2042**40%2042**Other Observation, Extent : Light, Area Affected : 40% Location : Basement Boiler Room Explanation : 1 Unit2037**40%2037**60%2029\$180,400R-22 Refrigerant, Extent : Light, Area Affected : 90% Location : Roof2029\$180,400R-22 Refrigerant, Extent : Light, Area Affected : 90% Location : Roof2029\$34,200R-22 Refrigerant, Extent : Light, Area Affected : 10% Location : Roof2029\$34,200R-22 Refrigerant, Extent : Light, Area Affected : 10% Location : 1 Unit In Roof2029\$30,50090%2029\$30,50090%10%2029\$8,70090%2029\$8,70090%2029\$8,700	Current RepairFuture ReplacementM% of TotalFail Date Estimated Cost (Years)Year FYEstimated Cost (Yrs)Cycle (Yrs)60%2029\$22,6001Other Observation, Extent : Light, Area Affected : 60% Location : Roof Explanation : 3 Package Units2042***140%2042***10ther Observation, Extent : Light, Area Affected : 40% Location : Basement Boiler Room Explanation : 1 Unit2037***440%2037***190%2029\$180,4002R-22 Refrigerant, Extent : Light, Area Affected : 90% Location : Roof2029\$34,200R-22 Refrigerant, Extent : Light, Area Affected : 10% Location : Roof2029\$34,200R-22 Refrigerant, Extent : Light, Area Affected : 10% Location : Roof2029\$30,500110%2029\$30,500190%2029\$8,700210%2029\$8,700210%LIFE**2.5	Current RopairFuture RoplacementMaintenance $\%$ of Fail Date Estimated Cost Total (Years)Year Estimated Cost FYCycle Estimated Cost (Yrs) 60% 2029\$22,6001 60% 2029\$22,6001 0% of Deservation, Extent : Light, Area Affected : 60% Location : Roof2042** 40% 2042**1 40% 2042**1 40% 2037**4 50% 2037**4 40% 2037**1 40% 2037**1 40% 2037**1 40% 2037**1 40% 2037**1 90% 2029\$180,4002 90% 2029\$180,4002 100% 2029\$34,200 $R-22$ Refrigerant, Extent : Light, Area Affected : 90% Location : Roof2029\$34,200 $0hr$ Observation, Extent : Light, Area Affected : 10% Location : Roof2029\$30,500 10% 2029\$30,5001\$500 90% 2029\$30,5001\$500 90% 2029\$8,7002\$1,200 90% 2029\$8,7002\$1,200 90% 2029\$8,7002\$1,200 90% 2029\$8,7002\$1,200 90% 2029\$8,7002\$1,200 90% 2029\$8,7002\$1,200 90% 2029 </td

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 Cos FY	t 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	1st Floor Bathrooms When	ı It Rains.	
Fixtures				
Generic	100%			
Vertical Transport				
Elevators				
Hydraulic	100%	LIFE * ·	*	
	Other Observation, Extent : Light, Area	a Affected : 100%		
	Location : Basement To 2nd Floor			
	Explanation : One Unit Goes Down A	Imost 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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address	_	D BRANCH LIBRARY IKLIN AVE. @HANCOCI	K ST.		
Borough	: BROOKL	YN	Agency's Number	: 22	
Program / Asset #	: BPL0B22.	000 / 13235	Yr Built/Renovated	d : 1905 / 2005	
Area Sq Ft	: 17,184		Project Type	: BROOKLYN PUBLI	C LIBRARY
Date of Survey	: 24-Oct-20	17	Landmark Status	: NONE	
Areas Surveyed	: Basement.	Roof, Floors 1,2,mez			
Block	: 1997	Lot : 32	BIN	: 3057384	
CAPITAL			FY 2020 - 2023		FY 2024 - 2029
Exterior Architec	ture		\$209,800		\$38,300
Interior Architect	ure		\$39,400		
Mechanical					\$408,000
Total			\$249,200		\$446,400
Importance Code	А		\$209,800		\$38,300
Importance Code	В		\$39,400		\$408,000
Total			\$249,200		\$446,400
EXPENSE		FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architec	ture	\$73,000		\$700	
Interior Architect	ure	\$80,300		\$600	\$6,100
Electrical		\$9,600	\$500	\$600	\$500
Mechanical		\$34,400	\$2,200	\$3,200	\$2,200
Site Enclosure		\$4,500			
Site Pavements		\$1,000			
Elevators/Escalat	ors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$206,700	\$6,600	\$9,000	\$12,700
Importance Code		\$73,800	\$900	\$1,500	\$900
Importance Code	В	\$90,800	\$5,700	\$7,500	\$10,800
Importance Code	С	\$42,100			\$1,000
Total		\$206,700	\$6,600	\$9,000	\$12,700



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 # : 13235

chitecture	Current Repair	Future Rep	acement	М	aintenance	
stem Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior						
Exterior Walls						
Cast Stone/Terra Cotta	Cracking/Crumbling, Extent : Location : Chimney		* * : 20%	5	\$38,300	
	Crazing, Extent : Moderate, An Location : Chimney					
	Jnt Mortar Miss/Erod, Extent : Location : Chimney	Moderate, Area Affecte	d : 25%			
Masonry: Brick	85% Now \$17 Cracking/Crumbling, Extent : Location : Throughout	73,800 LIFE Moderate, Area Affected	* * : 15%	5	\$27,800	
	Jnt Mortar Miss/Erod, Extent : Location : Throughout Spalling, Extent : Light, Area A		d : 20%			
W/in dama	Location : Throughout					
Windows Aluminum	100% Now \$3	30,100 2037	* *	5	\$1,700	
Aluminum	Corrosion/Rusting, Extent : Ma Location : Throughout		50%	5	\$1,700	
	Hardware Missing, Extent : Mo Location : Throughout	oderate, Area Affected :	20%			
	Caulking Deteriorated, Extent Location : Throughout	: Moderate, Area Affecto	ed : 100%			
	Unit Inoperable, Extent : Mode Location : Throughout	erate, Area Affected : 20	%			
	Water Penetration, Extent : Mo Location : Basement	oderate, Area Affected :	5%			
Parapets						
Cast Stone/Terra Cotta	10% Now S Jnt Mortar Miss/Erod, Extent : Location : Coping	\$4,800 LIFE Moderate, Area Affecte	* * d : 25%	5	\$2,800	
	Caulking Deteriorated, Extent Location : Coping	: Moderate, Area Affecto	ed : 25%			
Masonry: Brick	Int Mortar Miss/Erod, Extent :		* * d : 15%	5	\$2,900	
	Location : Throughout Interio Water Penetration, Extent : Mo Location : Over Classroom 2	oderate, Area Affected :	20%			
Metal Panel	10%	2049	* *	5	\$1,400	

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

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

Asset # : 13235

Architecture		Current Repair Future Replacement			М			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Roof								
Asphalt Shingle	25%			2032	* *	10	\$700	
Single Ply Membrane		Now	\$20,500	2034	* *			
			ent : Moderate, Are	ea Affecte	ed : 5%			
		: Through						
	-		tent : Moderate, A	rea Affec	ted : 30%			
		: Through						
	-	i Growth, I : At Drair	Extent : Moderate, . as	Area Affe	ected : 2%			
	Water Pen	etration, E	Extent : Moderate, A	Area Affe	cted : 5%			
	Location	: Over 2n	d Floor					
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
terior								
Floors								
Carpet	23%			2025	\$69,800	3	\$10,600	
Cast in Place Concrete	5%			LIFE	* *	5	\$5,000	
Ceramic Tile	5%			2038	* *	5	\$1,100	
Marble Panels	2%			LIFE	* *	5	\$700	
Vinyl Tile	65%	Now	\$39,400	2034	* *	3	\$5,600	
		issing Elen : Through	nents, Extent : Mod out	erate, Ar	rea Affected : 5%			
		Crumbling : First Flo	, Extent : Light, Ar	ea Affecte	ed : 15%			
	Loose Uni	ts, Extent :	Moderate, Area A	ffected : .	30%			
			oor And Mezzanine	-				
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					
Gypsum Board	40%			LIFE	* *	5-10	\$28,300	
Masonry: Brick	5%			LIFE	* *	10	\$600	
5	Broken/M	issing Elen : At Areav	ients, Extent : Mod vavs		ea Affected : 5%		• • • •	
			Txtent : Moderate, A	Area Affe	cted : 10%			
			ion Wall At Boiler					
Plaster	48%	Now	\$16,600	LIFE	* *	5	\$6,000	
1 145001			Extent : Severe, Are		d : 25%	2	40,000	
			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.

Asset # : 13235

Architecture		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
nterior								
Ceilings								
AcousTileSusp.Lay-In	5%			2042	* *	5	\$1,100	
	-	-	, Extent : Light, Ar	ea Affect	ed : 2%			
	Location	: Through	out					
Gypsum Board	45%			LIFE	* *	5-10	\$35,500	
Plaster	50%	Now	\$15,600	LIFE	* *	5	\$7,200	
		l Cracks, E : Classroo	Extent : Moderate, A om 3	Area Affe	cted : 5%			
		iscoloring : Through	, Extent : Moderate out	e, Area A	ffected : 5%			
		-	xtent : Moderate, A	Area Affe	cted : 20%			
			ne, 2nd Floor Clas	00				
Site Enclosure								
Fence/Gates								
Chain Link	50%			2049	* *			
Iron Picket	50%	0-2	\$4,500	2049	* *			
	Corrosion	Rusting, E	Extent : Moderate, A	Area Affe	cted : 10%			
	Location	: Through	out					
	Deteriorat	ed Finish,	Extent : Moderate,	Area Afj	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+	\$1,000	LIFE	* *			
			d, Extent : Modera	te, Area A	Affected : 15%			
	Location	: Main En	trance					
Pavers/Stone	5%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2042	* *			
	-	-	Extent : Light, Ar	ea Affecte	ed : 2%			
	Location	: South Si	de					
Activity Yard								
Cast in Place Concrete	75%			2042	* *			
Pavers/Stone	25%			2038	* *			

System Component Type% of Fail Date Estimated Cost (Years)Year Year FYCycle (Stimated Cost (Yrs)Priority	Electrical	Current Repair	Future Replacement	Maintenance	
	Component		Year Estimated Cost FY	-	'riority

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 # : 13235

	ASSEL # 1 15255										
Electrical		Current I	Repair	Futur	e Replacement	Μ					
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%			2049	* *	5	\$500				
			Extent : Light, Area	Affected	! : 100%						
		ı : Basemer									
	Explana	tion : One (500 Amperes Main	Disconn	ect Switch						
Switchgear / Switchboard Molded Case Bkrs	100%			2049	* *	5	\$500				
Raceway	10070			2047		5	\$500				
Conduit	70%			2049	* *	1					
Conduit	30%			2049	\$9,700	1					
Panelboards	5070			202)	\$3,700	1					
Fused Disc Sw	5%			2045	* *	5					
Molded Case Bkrs	85%			2045	* *	5	\$400				
Molded Case Bkrs	10%			2028	\$1,500	5	• • •				
Wiring					. ,						
Braided Cloth	30%	2-4	\$8,600	2054	* *	1					
	Insulation	Aged, Exte	ent : Moderate, Are	a Affecte	ed : 100%						
	Location	i : Through	out The Building								
Thermoplastic	70%			2049	* *	1					
Motor Controllers											
Locally Mounted	100%			2042	* *	5	\$100				
Ground											
Grounding Devices											
Generic	100%			LIFE	* *	5	\$500				
Lighting											
Interior Lighting											
Fluorescent	60%			2034	* *	10	\$9,500				
			Extent : Light, Area	Affected	!: 100%						
		-	out The Building								
		tion : T-8 L	amps								
Fluorescent	40%			2034	* *	10	\$6,300				
			res, Extent : Light,	Area Afj	fected : 100%						
	Location	i : Inrough	out The Building								
Egress Lighting	500/			2024	* *	10	#2 100				
Emergency, Battery	50%			2034	* *	10	\$2,100				
Exit, LED	30%			2057	* *	1					
Exit, Service	20%			2034	ጥ ጥ	1					
Exterior Lighting HID	100%			2024	* *	10	\$100				
	100%			2034	·•• ••	10	\$100				
Alarm Security System											
No Component	70%										
Generic	30%			2034	* *	1	\$1,900				
Fire/Smoke Detection	5070			2034		1	\$1,900				
No Component	70%										
Generic, Digital	30%			2034	* *	1-3	\$3,200				
Ocherie, Digitai	5070			2004		1-5	\$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 # : 13235

Mechanical		Current Repair Future Replacement					Maintenance		
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cvcle	Estimated Cost	Priority	
Component	Total	(Years)		FY		(Yrs)			
Туре									
leating									
Energy Source	1000/			2040	* *	1			
Natural Gas	100%			2049	* *	1			
Conversion Equipment	1000/			0040	* *		#0.500		
Hot Water Boiler	100%	· • •	· · · · · · ·	2042		1	\$8,500		
			Extent : Light, Area	Affected	: 100%				
		: Sub-base							
	Explana	tion : One	Unit						
Distribution	1000/	0.2	¢1.200	2045	* *	4	\$000		
Hot Wtr Piping/Pump	100%		\$1,300	2045	~ ~ /	4	\$800		
			loderate, Area Affe	ctea : 5%	0				
		: Through							
		-	Extent : Moderate,	Area Aff	ected : 20%				
		: Boiler R			. 1 200/				
		-	Extent : Moderate,		ected : 30%				
	Location	i : Not Eno	ugh Heat On 2nd F	loor					
Terminal Devices	200/			••••	*-00 00		#2.2 00		
Air Handler	30%			2029	\$70,300	1	\$3,200		
Convector/Radiator	70%			2042	* *	1	\$3,900		
Air Conditioning									
Energy Source	1000/			2045	* *	1			
Electricity	100%			2045		1			
Conversion Equipment	250/	0.2	¢7.000	2027	¢155 000	2	¢200		
Interior Pkg Unit -	25%	0-2	\$7,800	2027	\$155,800	2	\$200		
Cooling	$P 22 P_{ofr}$	iaarant Fr	tent : Light, Area A	ffootod .	100%				
		igerani, Ex 1 : AC Roor		jjecieu .	100%				
			n Extent : Moderate, 1	Aroa Affa	atad , 1000/				
		ervation, E 1 : AC Roor		Area Ajje	cieu . 100%				
			n cient Units. 3 Port	able Unit	s Raina Usad In M	lain Floo			
\mathbf{F}_{-4}					-				
Exterior Pkg Unit -	60%	0-2	\$4,000	2029	\$81,000	2	\$500		
Cooling	DDDDafe	a an and Fa	tout . Light Auga A	factod	1000/				
			tent : Light, Area A Unita	jjeciea :	100%				
		a : Roof - 2		A A CC	. 1 1000/				
			Extent : Moderate, A	Area Affe	cted : 100%				
	Location	-							
~	-	tion : Ineffi	cient Units		# - + · · ·				
Split Unit	15%			2029	\$53,400				
			tent : Light, Area A	ffected :	100%				
	Location	a : Roof							
Terminal Devices									
Fan Coil - 2 Pipe	15%			2029	\$47,600	1	\$800		
No Component	85%								
Heat Rejection									
Air Cooled Condenser	15%			2029	\$5,000	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	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
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$15,200	
Exhaust Fans								
Interior	40%			2029	\$23,700	2	\$200	
Roof	60%			2029	\$16,600	2	\$300	
Plumbing H/C Water Piping								
Brass/Copper	70%			2039	* *	1		
Galvanized Steel	30%	0-2	\$1,100	2027	\$21,900	1		
			oderate, Area Affe			1		
			t Lunch Room		, ,			
Water Heater								
Gas Fired	100%			2027	\$10,200	2	\$300	
Sanitary Piping								
Cast Iron	100%	Now	\$12,200	LIFE	* *	1		
	Other Obs	ervation, E	Extent : Severe, Are	a Affecte	d : 20%			
	Location	: Franklin	Avenue Side					
	Explanat	tion : Wate	r Backs Up Into Ba	sement H	Restroom, Boiler R	oom And	Auditorium	
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2020	\$600	4	\$500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
-	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Basemer	nt To 2nd 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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name	: BOROUG	H PARK	BRANCH LII	BRARY	
Address	: 1265 43RI	D ST. @131	TH AVENUE		
Borough	: BROOKL	YN		Agency's Number	: 25
Program / Asset #	: BPL0B25.	.000 / 13236	6	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	, Roof, Floo	ors 1,2		
Block	: 5598	Lot	: 48	BIN	: 3135907
CAPITAL				FY 2020 - 2023	FY 2024 - 2029
Exterior Architec	ture			\$258,100	
Interior Architect	ure				\$203,500

Total	\$339,000	\$734,100
Importance Code B	\$80,800	\$646,200
Importance Code A	\$258,100	\$87,900
Total	\$339,000	\$734,100
Mechanical	\$80,800	\$323,000
Electrical		\$207,700
Interior Architecture		\$205,500

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$25,500			
Interior Architecture	\$60,600			\$4,600
Electrical	\$12,400	\$2,000	\$2,300	\$1,900
Mechanical	\$37,700	\$1,800	\$3,900	\$1,600
Site Pavements	\$2,200			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$142,200	\$7,800	\$10,100	\$12,000
Importance Code A	\$43,700	\$1,000	\$1,000	\$1,000
Importance Code B	\$75,700	\$6,800	\$9,100	\$10,000
Importance Code C	\$22,800			\$1,100
Total	\$142,200	\$7,800	\$10,100	\$12,000



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

Asset # : 13236

rchitecture		Current I	Repair	Futu	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/	N	#92.500	LIPP	* *	-	¢2(400	
Masonry: Brick	Diagonal Location	: Bulkhead	\$82,500 tent : Moderate, Ai d Stair d, Extent : Moderat		ted : 5%	5	\$26,400	
		: Through		е, лгеи 1	Ajjecieu . 1570			
	Water Pen Location	etration, E : Bulkhead	xtent : Moderate, A d Stair					
	Location	: East Side	Extent : Moderate, A e And Bulkhead Sta s To Prevent Water	ir				
Masonry: Granite	3%		\$5,200	LIFE	* *	5	\$600	
2	Jnt Morta		l, Extent : Light, A		cted : 10%	-		
Masonry: Limestone	3%			LIFE	* *	5	\$1,300	
Windows								
Aluminum	Unit Inope Location Water Pen	: Front Fa	xtent : Moderate, A			5	\$1,900	
Parapets						_		
Masonry: Brick	Jnt Mortan Location Spalling, I Location Water Pen Location Other Obs Location	: South Fa Extent : Mo : Interior etration, E : Above Sa ervation, E : Through	derate, Area Affect Face Extent : Moderate, A econd Floor Windo Extent : Moderate, A out	ted : 20% Area Affe ws Area Affe	6 ected : 10% ected : 25%	5	\$2,900	
Maaan Tinaatan a	-		red With Tarp To F		***	5	\$200	
Masonry: Limestone	Location Other Obs	r Miss/Erod : Through ervation, E	Extent : Moderate, A		Affected : 10%	5	\$200	
	Location	: Through	out					
	Explana	tion : Cove	red With Tarp To H	Prevent W	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	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Roof								
Built-Up (BUR)	Alligatorin Location Patching I Location Ponding, I Location	: Through Evident, Ex : Through Extent : Mo : Through	tent : Moderate, A out derate, Area Affec	rea Affec ted : 5%	ted : 5%			
	Location	: Roof Fla	shing Around Stai	r				
Skylight, Metal/Glass	5%			2049	* *	10	\$3,100	
Soffits								
Cement-Fiber Panel	100%			2029		10		
nterior								
Floors	50/			LIPP	مله مله	-	¢< 100	
Cast in Place Concrete	5%			LIFE	* *	5	\$6,100	
Ceramic Tile	5%			2038	* *	5	\$1,400	
Terrazzo	5%			LIFE	* *	5	\$2,200	
Vinyl Tile	Location Patching I	: Through Evident, Ex	tent : Moderate, A			3	\$8,700	
	Location	: Through	out					
Wood	2%			2044	* *	5	\$1,000	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	\$2,100	
Concrete Masonry Unit	5%			LIFE	* *	5	\$1,700	
Glass: Single Pane	2%			LIFE	* *	5	\$1,300	
Gypsum Board	Location Water Per	ing, Extent : Office Ar etration, E	\$1,800 : Moderate, Area ad Basement xtent : Moderate, A ad Basement			5	\$12,700	
Masonry: Brick	5% Effloresce Location	0-2 nce, Extent : Stair etration, E	\$1,700 : Moderate, Area xtent : Moderate, A					
Marble Panels	3%			LIFE	* *	10	\$500	
Plaster	25% Cracking/	: Staff Stat		LIFE e, Area Aj		5	\$3,200	
		etration, E : Staff Stat	xtent : Severe, Are r	a Affecte	d : 25%			

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

Asset # : 13236

Component TypeTotal (Years)FY(Yrs)Interior Ceilings AcousTileSusp.Lay-In Exposed Concrete Gypsum Board10% Now Staining/Discoloring, Extent : Moderate, Area Affected : 2% Location : Basement Water Penetration, Extent : Moderate, Area Affected : 2% Location : BasementExposed Concrete Gypsum Board10% 0.2 65% 0.2 Solo 2.042 Location : BasementPlaster10% LiFE Location : AssemblyPlaster15% Now Location : Assembly Location : Staff Stair Water Penetration, Extent : Moderate, Area Affected : 10% Location : AssemblySiteEnclosure Fence/Gates Iron PicketFree Standing Walls Masonry: Brick100% LOW 2049Free Standing Walls Cast in Place Concrete Cast in Place Concrete100% LOW 2064	Architecture		Current	Repair	Futur	e Replacement	N	laintenance	
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Component			Estimated Cost		Estimated Cost		Estimated Cost	Priority
AcousTileSusp.Lay-In10%Now\$5002042***5\$1,400Staining/Discoloring, Extent : Moderate, Area Affected : 2% Location : Basement Water Penetration, Extent : Moderate, Area Affected : 2% Location : BasementNow\$500 2042 **\$5\$1,400Exposed Concrete Gypsum Board10%LIFE** 5 \$2,600\$3,600Gypsum Board65%0-2\$3,900LIFE** 5 \$23,100Water Penetration, Extent : Light, Area Affected : 2% Location : AssemblyLIFE** 5 \$2,700Plaster15%Now\$5,800LIFE** 5 \$2,700Cracking/Crumbling, Extent : Moderate, Area Affected : 10% Location : Staff StairLocation : Staff StairSite Enclosure Fenec/Gates Iron Picket100%2049**Free Standing Walls Cast in Place Concrete100%2049**Site Pavements Public Sidewalk Cast in Place Concrete100%2042**On-Site Walkways Cast in Place Concrete100%2042**On-Site Walkways Cast in Place Concrete100%2042**On-Site Walkways Cast in Place Concrete100%2042**Parking/Driveway2042**									
Staining/Discoloring, Extent : Moderate, Area Affected : 2% Location : Basement Water Penetration, Extent : Moderate, Area Affected : 2% Location : Basement Exposed Concrete Gypsum Board 65% 0-2 \$3,900 LIFE ** 5 \$23,100 Water Penetration, Extent : Light, Area Affected : 2% Location : Assembly Plaster 15% Now \$5,800 LIFE ** 5 Stating/Crumbling, Extent : Moderate, Area Affected : 10% Location : Staff Stair Water Penetration, Extent : Moderate, Area Affected : 10% Location : Staff Stair Water Penetration, Extent : Light, Area Affected : 10% Location : Throughout Free Standing Walls Masonry: Brick 100% Cast in Place Concrete 100% 10% 2049 ** Site Pavements Public Sidewalk Cast in Place Concrete 100% 2042 Cast in Place Concrete 00% 2042 <									
Location : Basement Water Penetration, Extent : Moderate, Area Affected : 2% Location : Basement Gypsum Board 65% 0-2 \$3,900 LIFE ** 5 \$22,100 Water Penetration, Extent : Light, Area Affected : 2% Location : Assembly Plaster 15% Now \$5,800 LIFE ** 5 \$2,700 Cracking/Crumbling, Extent : Moderate, Area Affected : 10% Location : Staff Stair Water Penetration, Extent : Moderate, Area Affected : 10% Location : Staff Stair Site Enclosure Fence/Gates Inov% 2049 ** Free Standing Walls 100% 2049 ** Masonry: Brick 100% 2049 ** Retaining Walls 100% 2049 ** Cast in Place Concrete 100% 2064 ** Site Pavements Public Sidewalk 2000 2042 ** On-Site Walkways Cast in Place Concrete 100% 2042 ** On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway	AcousTileSusp.Lay-In						5	\$1,400	
$\begin{tabular}{ c c c c c } \hline Water Penetration, Extent : Moderate, Area Affected : 2% \\ \hline Location : Basement \\ \hline Location : Basement \\ \hline 10\% & LIFE ** 5-10 & $3,600 \\ \hline 65\% & 0-2 & $3,900 & LIFE ** 5 & $23,100 \\ \hline Water Penetration, Extent : Light, Area Affected : 2% \\ \hline Location : Assembly \\ \hline 15\% & Now & $5,800 & LIFE ** 5 & $2,700 \\ \hline Cracking/Crumbling, Extent : Moderate, Area Affected : 10% \\ \hline Location : Staff Stair \\ \hline Water Penetration, Extent : Moderate, Area Affected : 10% \\ \hline Location : Staff Stair \\ \hline Water Penetration, Extent : Moderate, Area Affected : 10% \\ \hline Location : Staff Stair \\ \hline Water Penetration, Extent : Moderate, Area Affected : 5% \\ \hline Location : Staff Stair \\ \hline Water Penetration, Extent : Light, Area Affected : 5% \\ \hline Location : Throughout \\ \hline Free Standing Walls \\ \hline Masonry: Brick & 100\% & 2049 & ** \\ \hline Retaining Walls \\ \hline Cast in Place Concrete & 100\% & 2064 & ** \\ \hline Site Pavements \\ \hline Public Sidewalk \\ \hline Cast in Place Concrete & 100\% & 4+ & $2,200 & 2042 & ** \\ \hline On-Site Walkways \\ \hline Cast in Place Concrete & 100\% & 2042 & ** \\ \hline On-Site Walkways \\ \hline Cast in Place Concrete & 100\% & 2042 & ** \\ \hline Parking/Driveway \\ \hline \end{tabular}$		0	0		, Area A	ffected : 2%			
$\begin{tabular}{ c c c c c } \hline Location : Basement \\ \hline Location : Basement \\ \hline 10\% & LIFE & ** & 5-10 & $3,600 \\ 65\% & 0-2 & $3,900 & LIFE & ** & 5 & $23,100 \\ \hline Water Penetration, Extent : Light, Area Affectel : 2\% \\ Location : Assembly \\ \hline I5\% & Now & $5,800 & LIFE & ** & 5 & $2,700 \\ \hline Cracking/Crumbling, Extent : Moderate, Area Affected : 10\% \\ Location : Staff Stair \\ \hline Water Penetration, Extent : Moderate, Area Affected : 10\% \\ Location : Staff Stair \\ \hline Water Penetration, Extent : Moderate, Area Affected : 10\% \\ Location : Staff Stair \\ \hline Water Penetration, Extent : Light, Area Affected : 5\% \\ \hline Location : Staff Stair \\ \hline \hline Fence/Gates \\ \hline Iron Picket & 100\% & 2049 & ** \\ \hline Deteriorated Finish, Extent : Light, Area Affected : 5\% \\ \hline Location : Throughout \\ \hline \hline Free Standing Walls \\ \hline Masonry: Brick & 100\% & 2049 & ** \\ \hline Retaining Walls \\ \hline Cast in Place Concrete & 100\% & 2064 & ** \\ \hline Site Pavements \\ Public Sidewalk \\ Cast in Place Concrete & 100\% & 4+ & $2,200 & 2042 & ** \\ \hline Cracking/Crumbling, Extent : Moderate, Area Affected : 5\% \\ \hline Location : Throughout \\ \hline \hline On-Site Walkways \\ \hline Cast in Place Concrete & 100\% & 2042 & ** \\ \hline Parking/Driveway \\ \hline \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$									
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					Area Affe	cted : 2%			
$ \begin{array}{c} & \text{Gypsum Board} & 65\% & 0.2 & \$3,900 & \text{LIFE} & ** & 5 & \$23,100 \\ & Water Penetration, Extent : Light, Area Affected : 2% \\ & Location : Assembly \\ \hline 15\% & \text{Now} & \$5,800 & \text{LIFE} & ** & 5 & \$2,700 \\ & Cracking/Crumbling, Extent : Moderate, Area Affected : 10% \\ & Location : Staff Stair \\ \hline Water Penetration, Extent : Moderate, Area Affected : 10% \\ & Location : Staff Stair \\ \hline Water Penetration, Extent : Moderate, Area Affected : 5% \\ \hline Location : Staff Stair \\ \hline \hline \\ \hline $		Location	: Basemer	ıt					
Water Penetration, Extent : Light, Area Affected : 2% Location : Assembly Plaster Is% Now \$5,800 Location : Assembly Is% Now \$5,800 Location : Assembly Is% Now \$5,800 Location : Assembly Location : Staff Stair Water Penetration, Extent : Moderate, Area Affected : 10% Location : Staff Stair Water Penetration, Extent : Moderate, Area Affected : 10% Location : Staff Stair Site Enclosure Fence/Gates Iron Picket 100% Deteriorated Finish, Extent : Light, Area Affected : 5% Location : Throughout Free Standing Walls Masonry: Brick 100% Retaining Walls Cast in Place Concrete 100% Location : Throughout On-Site Walkways Cast in Place Concrete 100% Location : Throughout On-Site Walkways Cast in Place Concrete 100% Location : Throughout On-Site Walkways Cast in Place Concrete 100% Dow	Exposed Concrete	10%			LIFE	* *	5-10	\$3,600	
Plaster Location : Assembly 15% Now \$5,800 LIFE *** 5 \$2,700 Cracking/Crumbling, Extent : Moderate, Area Affected : 10% Location : Staff Stair Water Penetration, Extent : Moderate, Area Affected : 10% Site Enclosure Fence/Gates Ion Picket 100% 2049 ** Iron Picket 100% 2049 ** Enclosure Free Standing Walls Masonry: Brick 100% 2049 ** Retaining Walls Cast in Place Concrete 100% 2064 ** Site Pavements Public Sidewalk Cast in Place Concrete 100% 4+ \$2,200 2042 ** On-Site Walkways Cast in Place Concrete 100% 2042 ** ** Parking/Driveway 2042 ** ** **	Gypsum Board	65%	0-2	\$3,900	LIFE	* *	5	\$23,100	
Plaster 15% Now \$5,800 LIFE ** 5 \$2,700 Cracking/Crumbling, Extent : Moderate, Area Affected : 10% Location : Staff Stair Water Penetration, Extent : Moderate, Area Affected : 10% Location : Staff Stair Site Enclosure Fence/Gates Inon Picket 100% 2049 ** Free Standing Walls Masonry: Brick 100% 2049 ** Retaining Walls Cast in Place Concrete 100% 2064 ** Site Pavements Public Sidewalk Cast in Place Concrete 100% 2042 ** On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway 2042 **		Water Per	etration, E	Extent : Light, Area	Affected	: 2%			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10% Location : Staff Stair Water Penetration, Extent : Moderate, Area Affected : 10% Location : Staff Stair Site Enclosure Fence/Gates Iron Picket 100% 2049 Deteriorated Finish, Extent : Light, Area Affected : 5% Location : Throughout Free Standing Walls Masonry: Brick 100% 2064 ** Retaining Walls Cast in Place Concrete 100% 100% 2042 Value 2064 Value ** Cast in Place Concrete 100% Location : Throughout ** On-Site Walkways Cast in Place Concrete 100% Cast in Place Concrete 100% 2042 ** Parking/Driveway 2042 **		Location	: Assembl	у					
Cracking/Crumbling, Extent : Moderate, Area Affected : 10% Location : Staff Stair Water Penetration, Extent : Moderate, Area Affected : 10% Location : Staff Stair Site Enclosure Fence/Gates Iron Picket 100% Deteriorated Finish, Extent : Light, Area Affected : 5% Location : Throughout Free Standing Walls Masonry: Brick 100% 2049 ** Retaining Walls Cast in Place Concrete 100% Public Sidewalk Cast in Place Concrete 100% 100% 2042 ** Con-Site Walkways Cast in Place Concrete 100% 100% 2042	Plaster	15%	Now	\$5,800	LIFE	* *	5	\$2,700	
Water Penetration, Extent : Moderate, Area Affected : 10% Location : Staff Stair Site Enclosure Fence/Gates 100% 2049 ** Deteriorated Finish, Extent : Light, Area Affected : 5% Location : Throughout Free Standing Walls Masonry: Brick 100% 2049 ** Retaining Walls 2064 ** Cast in Place Concrete 100% 2064 ** Public Sidewalk Cracking/Crumbling, Extent : Moderate, Area Affected : 5% Location : Throughout On-Site Walkways Cast in Place Concrete 100% 4+ \$2,200 2042 ** On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway		Cracking/	Crumbling		, Area Aj	ffected : 10%		. ,	
Location : Staff Stair Site Enclosure Fence/Gates Iron Picket 100% 2049 ** Deteriorated Finish, Extent : Light, Area Affected : 5% Location : Throughout 5% 100% 2049 ** Free Standing Walls Masonry: Brick 100% 2049 ** Retaining Walls Cast in Place Concrete 100% 2064 ** Site Pavements Public Sidewalk Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cracking/Crumbling, Extent : Moderate, Area Affected : 5% Location : Throughout ** On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway 2042 **		Location	: Staff Sta	ir	-	-			
Location : Staff Stair Site Enclosure Fence/Gates Iron Picket 100% 2049 ** Deteriorated Finish, Extent : Light, Area Affected : 5% Location : Throughout 5% Free Standing Walls Masonry: Brick 100% 2049 ** Retaining Walls Cast in Place Concrete 100% 2064 ** Site Pavements Public Sidewalk Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cast in Place Concrete 100% 4+ \$2,200 2042 ** On-Site Walkways Cast in Place Concrete 100% 2042 ** On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway 2042 **		Water Per	etration, E	Extent : Moderate, A	Area Affe	cted : 10%			
Iron Picket 100% 2049 ** Deteriorated Finish, Extent : Light, Area Affected : 5% Location : Throughout Free Standing Walls Location : Throughout Masonry: Brick 100% 2049 ** Retaining Walls Cast in Place Concrete 100% 2064 ** Site Pavements Public Sidewalk Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cracking/Crumbling, Extent : Moderate, Area Affected : 5% Location : Throughout Stet Pavements ** On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway 2042 **									
Iron Picket 100% 2049 ** Deteriorated Finish, Extent : Light, Area Affected : 5% Location : Throughout Free Standing Walls Location : Throughout Masonry: Brick 100% 2049 ** Retaining Walls Cast in Place Concrete 100% 2064 ** Site Pavements Public Sidewalk Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cracking/Crumbling, Extent : Moderate, Area Affected : 5% Location : Throughout Stet Pavements ** On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway 2042 **	Site Enclosure								
Deteriorated Finish, Extent : Light, Area Affected : 5% Location : Throughout Free Standing Walls Masonry: Brick 100% 2049 * * Retaining Walls 2064 * * Cast in Place Concrete 100% 2064 * * Site Pavements 2064 * * Public Sidewalk Cast in Place Concrete 100% 4+ \$2,200 2042 * * Cracking/Crumbling, Extent : Moderate, Area Affected : 5% Location : Throughout On-Site Walkways Cast in Place Concrete 100% 2042 * * Parking/Driveway 2042 * *	Fence/Gates								
Location : Throughout Free Standing Walls 2049 * * Masonry: Brick 100% 2049 * * Retaining Walls 2064 * * Cast in Place Concrete 100% 2064 * * Site Pavements Public Sidewalk ** Cast in Place Concrete 100% 4+ \$2,200 2042 * * Cast in Place Concrete 100% 4+ \$2,200 2042 * * Cast in Place Concrete 100% 4+ \$2,200 2042 * * On-Site Walkways Cast in Place Concrete 100% 2042 * * Parking/Driveway Parking/Driveway 2042 * *	Iron Picket	100%			2049	* *			
Free Standing Walls 100% 2049 ** Masonry: Brick 100% 2049 ** Retaining Walls Cast in Place Concrete 100% 2064 ** Site Pavements Public Sidewalk 2084 ** Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cast in Place Concrete 100% 4+ \$2,200 2042 ** On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway 2042 **		Deteriora	ted Finish,	Extent : Light, Are	a Affecte	d : 5%			
Masonry: Brick 100% 2049 ** Retaining Walls Cast in Place Concrete 100% 2064 ** Site Pavements Public Sidewalk Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cast in Place Concrete 100% 4+ \$2,200 2042 ** On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway 2042 **		Location	: Through	out					
Interviewe 100% 2049 Retaining Walls Cast in Place Concrete 100% 2064 ** Site Pavements Public Sidewalk Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cast in Place Concrete 100% 4+ \$2,200 2042 ** On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway 2042 **	Free Standing Walls								
Cast in Place Concrete 100% 2064 ** Site Pavements Public Sidewalk Site Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cast in Place Concrete 100% 4+ \$2,200 2042 ** On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway Parking/Driveway 2042 **	Masonry: Brick	100%			2049	* *			
Site Pavements Public Sidewalk Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cracking/Crumbling, Extent : Moderate, Area Affected : 5% Location : Throughout On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway	Retaining Walls								
Public Sidewalk Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cracking/Crumbling, Extent : Moderate, Area Affected : 5% Location : Throughout On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway	Cast in Place Concrete	100%			2064	* *			
Cast in Place Concrete 100% 4+ \$2,200 2042 ** Cracking/Crumbling, Extent : Moderate, Area Affected : 5% Location : Throughout On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway	Site Pavements								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5% Location : Throughout On-Site Walkways Cast in Place Concrete 100% 2042 ** Parking/Driveway	Public Sidewalk								
Location : Throughout On-Site Walkways Cast in Place Concrete 100% 2042 * * Parking/Driveway **	Cast in Place Concrete		•						
On-Site Walkways Cast in Place Concrete 100% 2042 * * Parking/Driveway **		Cracking/	Crumbling,	, Extent : Moderate	, Area Aj	ffected : 5%			
Cast in Place Concrete100%2042* *Parking/Driveway		Location	: Through	out					
Parking/Driveway									
	Cast in Place Concrete	100%			2042	* *			
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		ASSEL # . To		e Replacement	Μ	laintenance	
Svstem	% of	Fail Date Estimated Cost		Estimated Cost		Estimated Cost	Priority
Component Type	% of Total	(Years)	FY FY	Estimated Cost	(Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	90%		2029	\$1,400	5	\$100	
		ervation, Extent : Light, Arec	a Affected	: 100%			
		: Electrical Room					
		tion : Two 400 Amperes Mair			-	ad AC	
Fused Disc Sw		ervation, Extent : Light, Area : Electrical Room	2029 a Affected	\$200 2 : 100%	5		
	Explana	tion : One 200 Amperes Main	n Disconn	ect Switch For Em	ergency		
Switchgear / Switchboard							
Molded Case Bkrs	100%		2029	\$33,500	5	\$500	
Raceway							
Conduit	10%		2055	* *	1		
Conduit	90%		2029	\$29,200	1		
Panelboards				****	_		
Fused Disc Sw	5%		2028	\$800	5	.	
Molded Case Bkrs	75%		2051	* *	5	\$400	
Molded Case Bkrs	20%		2028	\$3,100	5	\$100	
Wiring Braided Cloth		2-4 \$5,700 Aged, Extent : Moderate, Ar : Mechanical Room	2054 ea Affecte	* * ed : 100%	1		
Thermoplastic	20%		2029	\$5,700	1		
Thermoplastic	60%		2055	* *	1		
Motor Controllers							
Locally Mounted	100%		2027	\$31,300	5	\$100	
round							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$600	
ighting							
Interior Lighting Fluorescent		ps And Fixtures, Extent : Ligl p : Basement	2024 ht, Area A	\$30,500 ffected : 100%	10	\$2,700	
Fluorescent	25%		2029	\$50,800	10	\$4,500	
	T-8 Lamp	s And Fixtures, Extent : Light c : Throughout The Building			10	¢ 1,2 0 0	
LED	60%		2039	* *			
Egress Lighting							
Emergency, Battery	50%		2029	\$13,700	10	\$2,400	
Exit, Service	50%		2029	\$1,400	1		
Exterior Lighting Fluorescent	100%		2024	\$65,000	10	\$1,800	
Alarm	10070			\$00,000	- •	<i>ψ1,000</i>	

Alarm

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

Asset # : 13236

Electrical	Curre	nt Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost 's)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
larm							
Security System	1000/		2024	¢(1,400	1	\$7.200	
Generic	100% Other Observatio	n, Extent : Light, Arec	2024 Affected	\$61,400 • 100%	1	\$7,300	
		ughout The Building	njjecieu	. 10070			
		trusion Alarm Only, N	Aotion Ser	isors			
Fire/Smoke Detection	*						
Generic, Digital	100%		2034	* *	1-3	\$12,100	
Mechanical	Curro	nt Repair	Future	Replacement	м	aintenance	
System Component		ate Estimated Cost	Year FY	Estimated Cost	-	Estimated Cost	Priori
Туре	Total (Year	8)	ГІ		(Yrs)		
leating							
Energy Source	1000/		2020	باد باد			
Natural Gas	100%		2039	* *	1		
Conversion Equipment	20%		2034	* *	1	\$1,900	
Furnace		n, Extent : Light, Arec			1	\$1,900	
	Location : Roof	-	Ајјестеи	. 2070			
	6	ne Rooftop Package U	Init				
Furnace	$\frac{20\% 0-2}{20\% 0-2}$	\$400	2029	\$9,000	1	\$1,700	
1 unlace		ent, Extent : Moderate			1	\$1,700	
	Location : Roof		, 11/04/199	2070			
	-	n, Extent : Light, Area	Affected	: 20%			
	Location : Roof	.,					
		ne Rooftop Package U	Init				
Hot Water Boiler	60% Now		2027	\$87,900	1	\$5,200	
		: Severe, Area Affecte		<i><i><i>q</i>oi</i>,<i>joo</i></i>	•	<i>\$</i> 0 , 2 00	
		ment Boiler Room					
	Other Observatio	n, Extent : Light, Area	Affected	: 60%			
	Location : Base	ment Boiler Room					
	Explanation : 1	Unit					
Distribution							
Hot Wtr Piping/Pump	60%		2037	* *	4	\$900	
No Component	40%						
Terminal Devices							
Convector/Radiator	50%		2027	\$50,900	1	\$3,200	
Fan Coil Unit/Heat	10%		2024	\$28,500	1	\$600	
No Component	40%						
ir Conditioning							
Energy Source Electricity	100%		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.

Asset # : 13236

		A3561#.1								
Mechanical	Cu	urrent Repair	Futur	e Replacement	Μ	aintenance				
System Component Type		il Date Estimated Cost ′ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori			
Air Conditioning	-									
Conversion Equipment Int Pkg Unit - Heating/Cooling	20%		2023	\$80,800	2	\$200				
nearing/Cooling		ant, Extent : Light, Area A Unit Basement Boiler Ro		20%						
Ext Pkg Unit - Heating/Cooling	40% ()-2 \$4,800	2024	\$95,200	2	\$400				
		R-22 Refrigerant, Extent : Light, Area Affected : 40% Location : 1 Unit On Roof								
	Other Observe Location : R	ation, Extent : Moderate, oof	Area Affe	ected : 40%						
	Explanation	: Not Energy Efficient								
Ext Pkg Unit - Heating/Cooling	40%		2034	* *	2	\$500				
	Other Observe Location : R	ation, Extent : Light, Arec oof	a Affected	! : 40%						
	Explanation	: 1 Rooftop Package Uni	t, R-410a							
Terminal Devices	• • • • •		• • • • •	\$ 00,000		.				
Fan Coil - 4 Pipe	20%		2024	\$89,000	1	\$1,300				
No Component	80%									
Heat Rejection	20%		2024	\$20,700	2	\$2,700				
Dry Cooler No Component	2078 80%		2024	\$20,700	2	\$2,700				
/entilation	0070									
Distribution										
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$17,300				
Exhaust Fans										
Interior	20%		2029	\$13,500	2	\$100				
Roof	80%		2034	* *	2	\$500				
lumbing										
H/C Water Piping										
Brass/Copper	100% N		2039	* *	1					
		Extent : Severe, Area Aff			1.0					
		old Water Pipe, Inside Th			ork Room	1.				
	Location : 2									
	Explanation Floor.	: There Is No Hot Water	At Circul	ation Pump, Causi	ng No H	ot Water On Top				
Water Heater Gas Fired	100%		2027	\$11,600	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.

Asset # : 13236

Mechanical	Current Repair	Future Replace	ement	N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimate FY	ed 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 : 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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

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 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$53,900			
Interior Architecture	\$31,700		\$8,200	
Electrical	\$300	\$400	\$500	\$300
Mechanical	\$5,300	\$1,600	\$2,200	\$1,900
Total	\$91,200	\$2,000	\$11,000	\$2,200
Importance Code A	\$54,500	\$600	\$600	\$600
Importance Code B	\$22,900	\$1,400	\$10,400	\$1,600
Importance Code C	\$13,800			
Total	\$91,200	\$2,000	\$11,000	\$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.

Asset # : 13237

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
Exterior							
Exterior Walls							
Glass Block	2%		LIFE	* *	5	\$500	
Masonry: Brick	98%		LIFE	* *	5	\$42,200	
Windows							
Aluminum	100%		2045	* *	5	\$1,800	
Parapets Cast Stone/Terra Cotta	10% Recent Rep Location	place Evident, Extent : Light, : Roof	LIFE Area Aff	* * ected : 100%	5-10	\$10,800	
Concrete Masonry Unit	90%		LIFE	* *	5-10	\$18,700	
Roof						,	
Single Ply Membrane	98% Recent Rep Location	place Evident, Extent : Light, : Roof	2034 Area Aff	* * ected : 100%	10	\$33,400	
Skylight, Metal/Glass	2%		2049	* *	10	\$2,300	
Soffits Exposed Struc: Steel		4+ \$8,900 Rusting, Extent : Moderate, 2 : Window Lintels And Relief		* * cted : 50%	5	\$2,900	
Stucco Cement	2%		2034	* *	5		
nterior							
Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$4,000	
Quarry Tile	5%		2042	* *	5	\$1,400	
Vinyl Tile	90%		2034	* *	3	\$6,100	
Interior Walls							
Concrete Masonry Unit	10%		LIFE	* *	5	\$1,100	
Glass: Single Pane	5%		LIFE	* *	5	\$1,000	
Glazed Ceramic Panel	5%		LIFE	* *	10	\$600	
Gypsum Board	80%		LIFE	* *	5-10	\$18,700	
Ceilings							
AcousTileSusp.Lay-In	60%		2042	* *	5	\$10,900	
Gypsum Board	40%		LIFE	* *	5-10	\$25,000	
ite Enclosure Fence/Gates	1000/		20(4	* *			
	100%		2064				
Iron Picket							
Iron Picket lite Pavements							
Iron Picket Pavements Public Sidewalk	1000/		2042	* *			
Iron Picket Pavements Public Sidewalk Cast in Place Concrete	100%		2042	* *			
Iron Picket Pavements Public Sidewalk Cast in Place Concrete Parking/Driveway							
Iron Picket Pavements Public Sidewalk Cast in Place Concrete	100%		2042 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

lectrical		Current Repair		e Replacement		laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
nder 600 Volts			-				
Service Equipment							
Fused Disc Sw	100%		2039	* *	5	\$100	
	Location	servation, Extent : Light, Area 1 : Electrical Room tion : Main Service Disconne			eres		
Switchgear / Switchboard	•						
Molded Case Bkrs	100%		2039	* *	5	\$300	
	Other Obs	servation, Extent : Light, Area	Affected	: 100%			
	Location	1 : Electrical Room					
	Explana	tion : 1- Vertical Section					
Raceway							
Conduit	80%		2039	* *	1		
Conduit	20%		2055	* *	1		
Panelboards							
Fused Disc Sw	10%		2051	* *	5		
Molded Case Bkrs	80%		2037	* *	5	\$300	
Molded Case Bkrs	10%		2051	* *	5		
Wiring							
Thermoplastic	80%		2039	* *	1		
Thermoplastic	20%		2055	* *	1		
Motor Controllers							
Locally Mounted	50%		2034	* *	5		
Variable Frequency	50%		2046	* *			
Drive							
round							
Grounding Devices							
Not Accessible	100%						
ighting							
Interior Lighting							
LED	100%		2037	* *			
		servation, Extent : Light, Area	Affected	: 100%			
		a : Throughout The Building					
	Explana	tion : LED Light Fixtures					
Egress Lighting	=00/		2027	* *	10	¢1.500	
Emergency, Battery	50%		2037	* *	10	\$1,500	
Exit, Service	50%		2037	* *	1		
Exterior Lighting	200/		2027	* *			
LED	30%		2037	* *			
No Component	70%						
larm							
Security System	700/						
No Component	70%		2027	* *	1	ф1 400	
Generic	30%		2037		1	\$1,400	
		servation, Extent : Light, Area 1 : Inside And Outside	Affected	: 100%			
	Explana	tion : CCTV Surveillance Car	neras				

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

		A3561#.1.	231				
Electrical		Current Repair	Future	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Alarm							
Fire/Smoke Detection	700/						
No Component	70%		2027	* *	1.2	¢2 200	
Generic, Digital	30%	amention Futant . Light Anon	2037		1-3	\$2,200	
		ervation, Extent : Light, Area : Mechanical Room And Rea					
		ion : Duct Smoke Detectors,					
	Блриана	ion : Duci Smoke Delectors, i	Dens Ina	1107/15			
Mechanical		Current Repair	Future	e Replacement	Μ	laintenance	
System	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cvcle	Estimated Cost	Priority
Component	Total	(Years)	FY		(Ýrs)		
Туре							
Heating							
Energy Source	1000/		2040	* *	1		
Natural Gas	100%		2049		1		
Conversion Equipment Hot Water Boiler	1000/		2046	* *	1	\$6,000	
Hot water Boller	100%	amention Futant . Light Anon	2046		1	\$6,000	
		ervation, Extent : Light, Area : Penthouse Mechanical Roo		: 100%			
				_			
Distribution	Explanal	tion : Two Gas Fired Hot Wat	er Boller	S			
	100%		2051	* *	4	\$600	
Hot Wtr Piping/Pump Terminal Devices	10070		2031		4	\$000	
Air Handler	70%		2037	* *	1	\$5,300	
Convector/Radiator	25%		2037 2046	* *	1	\$1,000	
Unit Heater - Steam	23% 5%		2040	* *	1 4	\$1,000	
	370		2057		4	\$100	
Air Conditioning Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment	10070		2043		1		
Int Pkg Unit -	100%		2033	* *	2	\$700	
Heating/Cooling	10070		2055		2	\$700	
/entilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,700	
Exhaust Fans						÷- 0,7 00	
Interior	90%		2037	* *	2	\$300	
Roof	10%		2029	\$2,000	2	÷= • •	
Plumbing			. = /	,- > 0	-		
H/C Water Piping							
Brass/Copper	100%		2049	* *	1		
Water Heater							
Gas Fired	100%		2027	\$7,200	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	20070				-		
Cast Iron	100%		LIFE	* *	1		
	10070				*		

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

Asset # : 13237

Mechanical	Current Repair	rent Repair Future Rep		М	Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Es		Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Backflow Preventer						
Generic	100%	2029	\$3,000	1	\$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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name	: BROOKI	LYN CENTRAL LIBRAF	RY							
Address	: 1 GRANI	D ARMY PLAZA @ FLA	TBUSH AVE AND EA	USH AVE AND EASTERN PKWY						
Borough	: BROOKLYN : BPL0001.000 / 2136		Agency's Number	: N/A	N/A					
Program / Asset #			Yr Built/Renovate	d : 1940 / 2009						
Area Sq Ft	: 350,000		Project Type	: BROOKLYN PUBL	IC LIBRARY					
Date of Survey	: 03-May-2	2016	Landmark Status	: EXTERIOR LAND	IARK					
Areas Surveyed	: Basement	t, Roof, Floors 1,3,5,4S								
Block	: 1183	Lot : 2	BIN	: 3029665						
CAPITAL			FY 2020 - 2023		FY 2024 - 2029					
Exterior Architect	ture		\$5,300,100		\$541,300					
Interior Architect	ure		\$1,094,900		\$976,000					
Electrical			\$1,842,800		\$3,757,200					
Mechanical			\$4,477,900		\$6,384,400					
Total			\$12,715,700		\$11,658,900					
Importance Code	A		\$5,300,100		\$541,300					
Importance Code	В		\$7,177,500		\$10,518,000					
Importance Code	С		\$238,100		\$599,600					
Total			\$12,715,700		\$11,658,900					
EXPENSE		FY 2020	FY 2021	FY 2022	FY 2023					
Exterior Architect	ture	\$36,800		\$32,300	\$3,800					
Interior Architect	ure	\$81,700			\$77,800					
Electrical		\$4,700	\$6,400	\$42,900	\$13,100					
Mechanical		\$127,200	\$125,700	\$185,800	\$120,500					
Elevators/Escalate	ors	\$41,300	\$41,300	\$41,300	\$41,300					
Total		\$291,700	\$173,400	\$302,300	\$256,500					
Importance Code	А	\$71,500	\$34,700	\$67,000	\$43,000					
Importance Code	В	\$220,200	\$138,700	\$235,300	\$213,400					
Importance Code	С									
Total		\$291,700	\$173,400	\$302,300	\$256,500					



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 BROOKLYN CENTRAL LIBRARY

Asset # : 2136

rchitecture	Current Repair Future Replacement					Maintenance		
vstem Component Type	% of Fail D Total (Year	ate Estimated Cost ^(s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
terior								
Exterior Walls	20/							
Bronze/Brass	2%		LIFE	* *	~	¢10.000		
Masonry: Brick	5%	\$145 700	LIFE	* *	5 5	\$10,900 \$8,200		
Masonry: Granite	Location : Thro	ing, Extent : Light, Ar ughout		ed : 10%	5	\$8,200		
	Location : Thro	-						
Masonry: Limestone	62% 0-2 Jnt Mortar Miss/I Location : Thro	\$1,669,200 Erod, Extent : Light, A ughout	LIFE rea Affec	* * ted : 10%	5	\$101,600		
Metal Panel	5%		2047	* *	5-10	\$75,100		
Metal Coiling Doors	2% Now Broken/Missing E Location : Thro	lements, Extent : Ligh	2032 t, Area A	* * ffected : 10%	5	\$6,800		
Pre-Cast Concrete	10% Now	-	LIFE	* *	5	\$71,000		
Stucco Cement	Location : Throp 9% Now	ing, Extent : Moderate ughout \$64,200	2040	* *	5	\$24,600		
	Location : At O	n, Extent : Light, Area verhead Doors Facing						
Windows	Explanation : C	orroded Steel Lintels						
Aluminum	15%		2043	* *	5	\$7,500		
Bronze/Brass	60% Now Air Infiltration, E Location : Thro Ctrwt/Balnc Not I	xtent : Moderate, Area ughout Funct, Extent : Modera	2035 a Affected		5	\$94,100		
	Location : Thro Hardware Missin Location : Thro	g, Extent : Moderate, .	Area Affe	ected : 20%				
Glass Block	10% Now Jnt Mortar Miss/I Location : South Other Observatio Location : South	\$84,700 Erod, Extent : Modera Facade Facing Seco n, Extent : Severe, Are Facade Facing Seco	nd Floor ea Affecte nd Floor	Roof ed : 50%	5	\$3,100		
		orroded Steel Support						
Steel	Location : Stair	\$443,500 3, Extent : Moderate, A 5, Sections Of South F	acades		5	\$47,000		
	Location : Stair	sh, Extent : Moderate, s, Sections Of South F	acades					
		ent, Extent : Moderat s, Sections Of South F	-	<i>jjectea : 50%</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					Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Parapets	2 5 0 /		\$21.2 00			-	# 1 000	
Masonry: Brick	Cracking/ Locatior Jnt Morta	ı : Through r Miss/Eroc	l, Extent : Light, A			5	\$4,800	
	Location	ı : Through	out					
Masonry: Limestone	Cracking/ Locatior Jnt Morta	1 : Through	l, Extent : Light, A			5	\$15,700	
Stucco Cement	10% Cracking/	Now	\$5,600 Extent : Light, Ar	2040 ea Affecte	* * ed : 10%	5	\$2,500	
Roof								
Asphalt Macadam			ent, Extent : Light, out 2015	2037 Area Aff	* * ected : 100%	5	\$23,700	
Modified Bitumen			ent, Extent : Light, out 2015	2037 Area Aff	* * ected : 100%	10	\$173,000	
Plaza Roof: Stone Pane Skylight, Metal/Glass	2% Corrosion Locatior	ı : At Third	\$237,000 xtent : Moderate, A Floor Roof Over A	Art And M	Iusic Areas			
	-		ked, Extent : Mode Floor Roof Over A					
nterior								
Floors	150/			2026	¢1 111 700	2	¢154 400	
Carpet Cast in Place Concrete	15% 7%			2026 LIFE	\$1,111,600 * *	3 5	\$154,400 \$78,800	
Cast III Flace Concrete Ceramic Tile		Now	\$112,500	2036	* *	5	\$78,800 \$25,700	
Cerainie The	Cracking/		Extent : Light, Ar		ed : 10%	5	\$25,700	
Terrazzo	5%			LIFE	* *	5	\$20,100	
Terrazzo	2%			LIFE	* *	5	\$8,000	
Vinyl Tile	Adhesion Locatior	ı : Languag	\$651,600 tent : Moderate, A e Literature, Socia	l Science	e, Book Storage Ar	3 reas	\$63,700	
	Location Loose Uni	a : Languag its, Extent :	Extent : Moderate e Literature, Socia Moderate, Area A	ll Science ffected : 1	e, Book Storage Ar 20%			
	-		e Literature, Socia		e, Book Storage Ar **			
Vinyl Tile	28%			2032	* *	3	\$72,100	

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.

BROOKLYN PUBLIC LIBRARY - 038 BROOKLYN CENTRAL LIBRARY

Asset # : 2136

Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
bystem Component Type	% of Total		Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
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%	N	¢166 200	LIFE	* *			
Marble Panels	2% Broken/M		\$166,200 hents, Extent : Mod	LIFE				
		issing Lien i : At Audit		eruie, Ar	eu Ajjecieu . 10%			
			Extent : Moderate	Area A	ffected · 10%			
	-	i : At Audit		, 11/cu 11	<i>Jeelea</i> . 1070			
Plaster		Now	\$71,900	LIFE	* *	5	\$110.200	
Plaster			\$71,900 Extent : Moderate			3	\$119,200	
	-	-	Corridor Facing L	-	ijecieu . 570			
XX 71		i . Buicony	Corridor I deing L		* *	5	\$2(0,(00	
Wood	10%	nlace Evid	ent, Extent : Light,	LIFE		5	\$369,600	
		piace Evia i : New Auc	-	Areu Ajj	ecieu . 1070			
Ceilings	Locuitor	<i>i</i> . <i>ive w 11u</i>	morum					
AcousTileConcealSpLn	15%			2040	* *	5	\$94,000	
AcousTileConcealSpLn	20%	0-2	\$45,700	2040	* *	5	\$62,600	
i i com i neconeculepen			Extent : Light, Are		ed : 10%	5	<i>\$62,000</i>	
	-	1 : Through	-	55				
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	
lectrical		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priori
Component Type	Total	(Years)		FY		(Ýrs)		
nder 600 Volts								
Service Equipment								
Molded Case Bkrs	50%			2053	* *	5	\$4,600	
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Electrica	al Room					
	Explana	tion : 4000	Ampere Main Disc	connect S	Switch			
Molded Case Bkrs	50%			2053	* *	5	\$4,600	
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Electrica	ıl Room					
	Explana	tion : 4000	Ampere Main Disc	connect S	Switch			
Transformers								
Dry Type	100%			2044	* *	5	\$1,300	
			Extent : Moderate, A	Area Affe	ected : 100%			
			U HOOM					
	Location		u Koom 500 Kva 208/120 F		a.			

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 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
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	\$203,200	1		
Conduit	20%			2053	* *	1		
Panelboards						_		
Fused Disc Sw	10%			2026	\$15,200	5	\$800	
Molded Case Bkrs	60%			2026	\$91,100	5	\$5,500	
Molded Case Bkrs	30%			2049	* *	5	\$2,800	
Wiring Braided Cloth	30%	2-4	\$76,400	2052	* *	1		
	Insulation		ent : Moderate, Are		ed : 100%			
Thermoplastic	50%			2027	\$127,400	1		
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	70%			2025	\$477,200	5	\$1,700	
Variable Frequency Drive	30%			2044	* *			
bround								
Grounding Devices								
Generic	Location			LIFE Area Affe	* * ected : 100%	5	\$5,100	
ighting								
Interior Lighting								
Fluorescent	Location	ervation, E 1 : Through	Extent : Light, Area out The Building 3 T-8 Lamps	2027 Affected	\$2,569,500 !: 100%	10	\$208,700	
Fluorescent	20%			2035	* *	10	\$64,200	
	Location	ervation, E 2 : Through tion : T-8 L		Affected	U: 100%			
Fluorescent	5%		*	2035	* *	10	\$16,100	
	T-5 Lamp	s And Fixtu	res, Extent : Mode out The Building		a Affected : 100%		,	
Fluorescent	5%			2022	\$197,700	10	\$16,100	
	Other Obs Location	ervation, E 1 : Through	Extent : Light, Area out The Building					
LED			g T-12 Lamps	2025	* *			
LED	5%			2035	4. 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.

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	\$77,700	1		
Emergency, Battery	10%		2035	* *	10	\$8,400	
Exit, LED	10%		2062	* *	1		
Exit, Service	40%		2022	\$22,600	1		
Exterior Lighting							
HID	100%		2022	\$1,491,000	10	\$1,100	
Alarm							
Security System							
No Component	90%						
Generic	10%		2035	* *	1	\$13,100	
Fire/Smoke Detection							
No Component	90%						
Generic, Digital	10%		2032	* *	1-3	\$22,200	

Mechanical	Current Repair	Future F	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Interruptible Gas/Dual Fuel	100%	2047	* *	1		
	Other Observation, Extent : Ligh	nt, Area Affected : 1	00%			
	Location : Basement					
	Explanation : One Tank Of 15,	000 Gallons				
Conversion Equipment						
Steam Boiler	100%	2040	* *	1	\$346,600	
	Other Observation, Extent : Ligh	nt, Area Affected : 1	00%			
	Location : Basement					
	Explanation : 3 Boilers					
Distribution						
Central Plant Steam	100%	2037	* *	4	\$25,900	
Piping/Pmp						
Terminal Devices						
Air Handler	60%	2022	\$3,119,800	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	Priorit
air Conditioning								
Conversion Equipment Reciprocating Compr/Chiller	85%			2035	* *	1	\$138,000	
Ĩ		frigerant, l : Chillers	Extent : Light, Area Penthouse	a Affected	<i>l : 100%</i>			
Exterior Pkg Unit - Cooling	15%			2027	\$449,200	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	\$4,147,200	1	\$216,400	
Heat Rejection Air Cooled Condenser Unit	15%			2027	\$111,800	2	\$36,600	
Water Cooling Tower	Leak Evid		\$23,900 : Severe, Area Affe The Cooling Tower		\$1,192,800	2	\$239,500	
entilation			0					
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$195,200	
Exhaust Fans Interior	Noisy/Vib	Now rating, Exte : Fan Roo	\$62,500 ent : Moderate, Are m	2022 ea Affecte	\$1,249,800 ed : 5%	2	\$8,100	
Roof	5%			2027	\$30,700	2	\$500	
lumbing H/C Water Piping	1000/			2022	* *	1		
Galvanized Steel Water Heater Gas Fired	100%			2032 2025	\$225,500	1 2	\$5,100	
Sanitary Piping Cast Iron	100%			LIFE	**	1	\$2,100	
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Non-Submersible	100%			2027	\$56,400	4	\$7,400	
Sewage Ejector(s) Compressed Air	100%			2027	\$68,900	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.

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

Asset # : 2136

Mechanical	Current Repair	Future Repla	acement	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 : Light	Area Affected : 100%	ó						
	Location : Various Locations								
	Explanation : Seven Units								
Escalators									
Under 20' Rise	100%	LIFE	* *						
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1-2								
	Explanation : Two Units								
Fire Suppression									
Standpipe									
Generic	100%	2047	* *	1-5	\$183,000				
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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	 61 GLEN BROOKI BPL0B27 10,500 24-Oct-20 	7.000 / 13238		: 27 : 1908 / 2012 : BROOKLYN PUBLI : NONE : 3080669	C LIBRARY
CAPITAL			FY 2020 - 2023		FY 2024 - 2029
Interior Architect	ture		\$122,300		
Electrical			÷;••••		\$111,800
Mechanical					\$245,000
Total			\$122,300		\$356,800
Importance Code	В		\$122,300		\$356,800
Total			\$122,300		\$356,800
EXPENSE		FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architec	ture	\$39,300	\$8,200		
Interior Architect	ture	\$57,700			\$2,900
Electrical		\$18,200	\$300	\$400	\$400
Mechanical		\$12,500	\$2,300	\$2,900	\$2,300
Site Enclosure		\$800			
Elevators/Escalat	tors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$132,400	\$14,800	\$7,300	\$9,600
Importance Code	A	\$39,800	\$8,800	\$500	\$500
Importance Code	B	\$62,600	\$6,100	\$6,700	\$8,400
Importance Code	C	\$30,100			\$700
Total		\$132,400	\$14,800	\$7,300	\$9,600



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 # : 13238

rchitecture		Current	Repair	Futur	e Replacement	M	aintenance	
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$42,000	
			t : Light, Area Affe	cted : 5%				
		: Through						
	-	-	, Extent : Light, Ar	ea Affect	ed : 20%			
		: Through	out					
Masonry: Granite	5%			LIFE	* *	5	\$1,900	
Masonry: Limestone		Now	\$5,600	LIFE	* *	5	\$1,900	
		-	ents, Extent : Mod	erate, Ar	ea Affected : 5%			
Windows	Location	: Rear Wi	naow Suis					
Aluminum	100%			2045	* *	5	\$2,900	
Parapets	10070			2045		5	\$2,900	
Masonry: Brick	50%			LIFE	* *	5-10	\$9,900	
Metal Rail	40%			2046	* *	5-10	\$21,000	
Pre-Cast Concrete	10%			LIFE	* *	5	\$3,600	
Roof	1070			LIIL		5	\$5,000	
Modified Bitumen	100%			2034	* *	10	\$17,100	
Soffits								
Masonry: Brick	100%			LIFE	* *	5		
erior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	\$16,200	
Ceramic Tile	5%		¢122.200	2038	* *	5	\$900	
Vinyl Tile		Now	\$122,300	2039	* *	3	\$5,200	
	-	-	, Extent : Moderate	, Area Aj	ffected : 10%			
		: Through	t: Moderate, Area	Affected	. 250/			
		: Through		Ajjecieu	. 2370			
Interior Walls	Locuion	. 111/0ugh	~m					
Ceramic Tile	5%			2038	* *	5	\$1,400	
Concrete Masonry Unit				LIFE	* *	5	\$1,100	
Gypsum Board	50%			LIFE	* *	5-10	\$23,300	
Masonry: Brick		Now	\$11,100	LIFE	* *	5 10	\$25,500	
Muselly. Ditek			, Extent : Moderate		ffected : 10%			
			out Basement					
			Extent : Moderate, A	Area Affe	cted : 10%			
	Location	: Through	out Basement	00				
Plaster		Now	\$3,400	LIFE	* *	5	\$2,500	
			Extent : Moderate		ffected : 5%	-		
	-	-	out Basement	5	-			
		-	Extent : Moderate, A	Area Affe	cted : 5%			
	Location	: Through	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.

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	* *	5-10	\$15,900	
Plaster		Now \$9,400	LIFE	**	5	\$8,700	
		Crumbling, Extent : Moderat a : Throughout Basement	2, Area Aj	ffected : 5%			
ite Enclosure							
Fence/Gates	1000/		2064	* *			
Iron Picket	100%		2064	* *			
Retaining Walls	250/		2040	* *			
Cast in Place Concrete	25%		2049	* *			
Masonry: Brick		Now \$800	2049				
		issing Elements, Extent : Mod	ierate, Ar	ea Affectea : 5%			
	Location	. Kump					
ite Pavements							
Public Sidewalk Cast in Place Concrete	100%		2042	* *			
Cast III Place Concrete		Crumbling, Extent : Light, Ar					
	-	crumbling, Extent . Light, Ar 1 : Throughout	eu Ajjecu	ea. 570			
O C' W 1	Location	. Inrougnoui					
On-Site Walkways Cast in Place Concrete	75%		2042	* *			
Pavers/Stone	25%		2042 2038	* *			
Parking/Driveway	2370		2038				
Cast in Place Concrete	100%		2034	* *			
	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		(i cars)			. ,		
		(10415)			. ,		
Inder 600 Volts Service Equipment		(rears)			. ,		
Inder 600 Volts	100%		2029	\$1,500	5	\$300	
Inder 600 Volts Service Equipment	Other Obs	ervation, Extent : Light, Area				\$300	
Inder 600 Volts Service Equipment	Other Obs					\$300	
Jnder 600 Volts Service Equipment Molded Case Bkrs	Other Obs Location	ervation, Extent : Light, Area	a Affected			\$300	
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard	Other Obs Location Explana	ervation, Extent : Light, Area a : Electrical Room tion : One 200 Amperes Each	n Affected	1 : 100%	5		
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs	Other Obs Location	ervation, Extent : Light, Area a : Electrical Room tion : One 200 Amperes Each	a Affected			\$300 \$300	
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway	Other Obs Location Explana 100%	servation, Extent : Light, Area 1 : Electrical Room tion : One 200 Amperes Each	a Affected 2029	\$33,500	5		
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	Other Obs Location Explana	servation, Extent : Light, Area 1 : Electrical Room tion : One 200 Amperes Each	n Affected	1 : 100%	5		I
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards	Other Obs Location Explana 100%	servation, Extent : Light, Area a : Electrical Room tion : One 200 Amperes Each	2029 2029	\$33,500 \$32,500	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%	servation, Extent : Light, Area 1 : Electrical Room tion : One 200 Amperes Each	2029 2029 2028	1: 100% \$33,500 \$32,500 \$800	5 5 1 5	\$300	
Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards	Other Obs Location Explana 100%	servation, Extent : Light, Area 1 : Electrical Room tion : One 200 Amperes Each	2029 2029	\$33,500 \$32,500	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% 95%	servation, Extent : Light, Area 1 : Electrical Room 1 tion : One 200 Amperes Each	2029 2029 2028 2028 2028	1: 100% \$33,500 \$32,500 \$800 \$14,700	5 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 a : Electrical Room tion : One 200 Amperes Each 2-4 \$11,500	2029 2029 2029 2028 2028 2028 2028	1: 100% \$33,500 \$32,500 \$800 \$14,700 * *	5 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 1 : Electrical Room tion : One 200 Amperes Each 2-4 \$11,500 Aged, Extent : Moderate, Area	2029 2029 2029 2028 2028 2028 2028	1: 100% \$33,500 \$32,500 \$800 \$14,700 * *	5 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 a : Electrical Room tion : One 200 Amperes Each 2-4 \$11,500	2029 2029 2029 2028 2028 2028 2028	1: 100% \$33,500 \$32,500 \$800 \$14,700 * *	5 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)		Estimated Cost		Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2027	\$31,300	5	\$100	
Ground			-			
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
Lighting						
Interior Lighting	(50)	2024	¢70.000	10	¢< 200	
Fluorescent	65% Other Observation, Extent : Light, Area	2024	\$70,800	10	\$6,300	
	Location : Throughout The Building	Ајјестеи	. 10070			
	Explanation : T-12 Lamps					
Fluorescent	<u>30%</u>	2034	* *	10	\$2,900	
riuoreseent	Other Observation, Extent : Light, Area		: 100%	10	\$2,900	
	Location : Throughout The Building Explanation : T-8 Lamps	, i i jjeeted	100,0			
Fluorescent	5%	2034	* *	10	\$500	
	Other Observation, Extent : Light, Area Location : Basement		! : 100%	10	<i>QQQQQQQQQQQQQ</i>	
	Explanation : Compact Fluorescent L	ight Fixtı	ures			
Egress Lighting						
Emergency, Battery	50%	2029	\$7,300	10	\$1,300	
Exit, Service	50%	2029	\$800	1		
Exterior Lighting HID	100%	2024	\$41,100	10		
Alarm	10070	2024	\$41,100	10		
Security System						
No Component	70%					
Generic	30%	2034	* *	1	\$1,200	
	Other Observation, Extent : Light, Area	ı Affected	: 100%			
	Location : Inside And Outside					
	Explanation : CCTV Surveillance Car	neras, Int	trusion Alarm And	Motion S	Sensor	
Fire/Smoke Detection						
No Component	70%	2024	* *	1.2	¢1.000	
Generic, Digital	30%	2034		1-3	\$1,900	
Mechanical	Current Repair	Futur	e Replacement	М	aintenance	
System Component	% of Fail Date Estimated Cost		Estimated Cost	Cycle	Estimated Cost	Priority
Туре	Total (Years)	FY		(Yrs)		
Heating	1					1
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2042	* *	1	\$5,200	
	Other Observation, Extent : Light, Area	Affected	: 100%			
	Location : Basement Boiler Room					
	Explanation : 1 Unit					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 I	Repair	Futur	e Replacement	Μ	laintenance	
System Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Туре								
leating								
Distribution	1000/			2027	* *	4	\$000	
Hot Wtr Piping/Pump	100%			2037	* *	4	\$800	
Terminal Devices	400/			2024	¢ 57 200	1	#2 (00	
Air Handler	40%			2024	\$57,300 * *	1	\$2,600	
Convector/Radiator	60%			2034	* *	1	\$2,000	
Air Conditioning								
Energy Source	1000/			2045	* *	1		
Electricity	100%			2045	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	85%	Now	\$7,300	2029	\$73,500	1	\$3,700	
Compi/Cinner	Not in Ser	vice Exten	t : Severe, Area Afj	Foctod · 1	00%			
			In Back Yard (Not.					
			Extent : Light, Area					
		: 1st And	-	ngjeereu	. 100/0			
			rtable Units Being	Used				
Window/Wall Unit	15%		tuble Onlis Dellig	2024	\$3,200	1		
Distribution	1370			2024	\$3,200	1		
CW & CHW Wtr	100%			2039	* *	4	\$500	
Pipe/Pump	10070			2039		4	\$300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2024	\$114,200	1	\$6,500	
Heat Rejection	10070			2024	ψ114,200	1	\$0,500	
Not Accessible	100%							
Ventilation	10070							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,300	
Exhaust Fans	100/0			LIIL		20	\$7,500	
Interior	70%			2024	\$25,400	2	\$200	
Roof	30%			2024	\$5,100	2	\$100	
lumbing	5070			2021	\$2,100	-	ψ100	
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater								
Gas Fired	100%			2027	\$6,200	2	\$200	
Sanitary Piping					*-)		•	
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
ertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
-	Other Obs	ervation, E	Extent : Light, Area	Affected	! : <i>100%</i>			
	Location	: Basemer	nt, 1st, Mezzanine					
	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.

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

USHWICK BRANCH LIBRARY 0 BUSHWICK AVE. @SEIGEL ST.		
ROOKLYN	Agency's Number	: 29
PL0B29.000 / 13239	Yr Built/Renovated	: 1908 / 2004
,640	Project Type	: BROOKLYN PUBLIC LIBRARY
-Oct-2017	Landmark Status	: NONE
asement, Roof, Floors 1,mz		
98 Lot : 19	BIN	: 3071470
	0 BUSHWICK AVE. @SEIGEL ST. ROOKLYN PL0B29.000 / 13239 .640 -Oct-2017 sement, Roof, Floors 1,mz	D BUSHWICK AVE. @SEIGEL ST.ROOKLYNAgency's NumberPL0B29.000 / 13239Yr Built/Renovated640Project Type-Oct-2017Landmark Statussement, Roof, Floors 1,mz

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$158,100	
Interior Architecture		\$101,000
Electrical		\$77,200
Mechanical		\$167,900
Total	\$158,100	\$346,100
Importance Code A	\$158,100	
Importance Code B		\$346,100
Total	\$158,100	\$346,100

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$13,200		\$22,100	
Interior Architecture	\$37,000		\$300	\$2,200
Electrical	\$30,400	\$300	\$300	\$500
Mechanical	\$7,500	\$1,900	\$3,400	\$1,400
Site Pavements	\$2,800			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$94,700	\$6,200	\$30,100	\$8,100
Importance Code A	\$13,700	\$500	\$22,600	\$500
Importance Code B	\$63,900	\$5,600	\$7,500	\$7,100
Importance Code C	\$17,100			\$500
Total	\$94,700	\$6,200	\$30,100	\$8,100



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 # : 13239

rchitecture		Current I	Repair	Futur	e Replacement	N	laintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls	100/	NT	¢20,100	LIPP	* *	~	¢17.700	
Cast Stone/Terra Cotta		Now Crumbling	\$38,100 Extent : Moderate	LIFE		5	\$17,700	
	0	0	At Main Entrance		Jecleu . J70			
			l, Extent : Moderat		Affected : 15%			
		: Main En			<i>ijjeeleu</i> : 1570			
Masonry: Brick	85%	0-2	\$120,000	LIFE	* *	5	\$19,200	
Widsoni y. Drick			: Moderate, Area		: 30%	5	ψ1 <i>)</i> ,200	
		: Through		55				
		-	derate, Area Affec	ted : 10%	<i>6</i>			
		: Through						
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 5%			
	Location	: Through	out					
Metal Panel	5%			2039	* *	5-10	\$7,800	
	Corrosion/	Rusting, E	xtent : Light, Area	Affected	: 5%			
	Location	: Equipme	nt Screen					
Windows								
Wood	100%			2037	* *	5	\$44,200	
Parapets	100/			LIPP	* *	5 10	Φ Γ 100	
Cast Stone/Terra Cotta	10%		Endand N/A An	LIFE		5-10	\$5,100	
	-	air Evider : Through	nt, Extent : N/A, Ar out	ea Affect	ea : 10%			
Masonry: Brick	90%			LIFE	* *	5-10	\$11,100	
	Recent Rep	oair Evider	nt, Extent : N/A, Ar	ea Affect	ed : 75%			
	Location	: Through	out					
Roof								
Modified Bitumen	95%	. –		2034	**	10	\$14,400	
			ent : Moderate, Are	ea Affecte	ed : 25%			
		: Through		A. CC	. 1 100/			
		vident, Ex : Through	tent : Moderate, Ai	rea Affec	tea : 10%			
Sinala Di- Manda		. inrough	011	2024	* *	10	¢000	
Single Ply Membrane Soffits	5%			2034	* *	10	\$800	
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
·	10070					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

			A5561#.13	0233				
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
terior								
Floors Cast in Place Concrete	Drains Inc	-	\$1,500 Extent : Moderate		* * ffected : 10%	5	\$1,500	
Ceramic Tile	<i>Location</i> 5%		nt Mechanical Room	m 2038	* *	5	\$700	
Ceramic The	Worn/Ero		: Light, Area Affeo out			5	\$700	
Sheet Vinyl/Rubber	5%			2034	* *	5	\$1,000	
Vinyl Tile	Broken/M Locatior Cracking/	ı : Through	Extent : Moderate			3	\$4,300	
Interior Walls	Locuitor	i . Inrough	oui					
Ceramic Tile	5%			2038	* *	5	\$900	
Plaster	Cracking/ Locatior Staining/I	ı : Basemer	\$14,400 Extent : Moderate at Corridor, Mezzat Extent : Moderate ne Floor	nine Offi	ce	5	\$5,200	
<u></u>			Extent : Moderate, A ut Corridor, Mezza					
Ceilings AcousTileConcealSpLn	Cracking/ Location Staining/L Location Water Per	1 : South W Discoloring 1 : First Flo	, Extent : Moderate oor Extent : Moderate, A	e, Area A	ffected : 50%	5	\$7,600	
	Worn/Ero	-	: Moderate, Area	Affected	: 50%			
AcousTileSusp.Lay-In Plaster	Locatior Staining/L	Now Crumbling, 1 : Mezzani	, Extent : Moderate	-	-	5 5	\$700 \$400	
te Enclosure								
Fence/Gates				• • • •				
Iron Picket	90%			2049	* *			
Masonry: Brick	10%			2039	* *			
Free Standing Walls Masonry: Fieldstone Retaining Walls	100%			2049	* *			
Concrete Masonry Unit	100%			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

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
e Pavements								
Public Sidewalk	1000/			2024	* *			
Cast in Place Concrete	-	Crumbling : Through	, Extent : Light, Ar nout	2034 ea Affect				
On-Site Walkways	750/			2024	* *			
Cast in Place Concrete	75% 25%	4 1	¢1 200	2034 2032	* *			
Pavers/Stone	Jnt Morta	4+ r Miss/Ero : Through	\$1,300 d, Extent : Modera nout					
Parking/Driveway								
Asphalt	Location Sinking/Si	: Through	xtent : Light, Area					
lectrical		Current	Repair	Futur	e Replacement	М	aintenance	
stem	% of		Estimated Cost		Estimated Cost			Priorit
Component Type	76 of Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	Friori
der 600 Volts								
Service Equipment	= 0.0 /			• • • • •	* ~~~	_		
Fused Disc Sw	50%			2029	\$800	5		
		ervation, 1 : Electric	Extent : Light, Area al P oom	Ајјестеа	: 100%			
			u Koom 1 Service Disconned	et Switch	Rated At 200 Amn	oros		
Maldad Casa Dlara	50%	uon . muu	i Service Disconned	2029	\$800		¢100	
Molded Case Bkrs		ormation	Extent : Light, Area			5	\$100	
		: Electric	-	Ајјестей	. 100%			
			n Service Disconne	ct Switch	Rated At 350 Amp	eres		
Switchgear / Switchboard	2		2					
Molded Case Bkrs	100%			2029	\$33,500	5	\$300	
Raceway								
Conduit								
0.0114411	20%			2049	* *	1		
Conduit	20% 80%			2049 2029	* * \$26,000	1 1		
Conduit Panelboards								
Conduit								
Conduit Panelboards Fused Disc Sw Molded Case Bkrs	80% 5% 75%			2029 2045 2028	\$26,000 * * \$11,600	1	\$200	
Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	<u>80%</u> 5%			2029 2045	\$26,000	1	\$200 \$100	
Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring	80% 5% 75% 20%			2029 2045 2028 2045	\$26,000 ** \$11,600 **	1 5 5 5		
Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	80% 5% 75% 20% 80%	2-4	\$23,000	2029 2045 2028 2045 2045	\$26,000 ** \$11,600 **	1 5 5		
Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring	80% 5% 75% 20% 80% Insulation	Aged, Ext	\$23,000 ent : Moderate, Are nout The Building	2029 2045 2028 2045 2045	\$26,000 ** \$11,600 **	1 5 5 5		
Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring	80% 5% 75% 20% 80% Insulation	Aged, Ext	ent : Moderate, Are	2029 2045 2028 2045 2045	\$26,000 ** \$11,600 **	1 5 5 5		
Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Braided Cloth	80% 5% 75% 20% Insulation Location	Aged, Ext	ent : Moderate, Are	2029 2045 2028 2045 2045 2054 ea Affecte	\$26,000 ** \$11,600 ** ** ed : 100%	1 5 5 5 1		
Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Braided Cloth Thermoplastic	80% 5% 75% 20% Insulation Location	Aged, Ext	ent : Moderate, Are	2029 2045 2028 2045 2045 2054 ea Affecte	\$26,000 ** \$11,600 ** ** ed : 100%	1 5 5 5 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 #: 13239

Electrical	Current F	Repair	Futur	e Replacement	М	aintenance	
vstem		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Component Type	Total (Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	1110110
round							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$300	
ighting							
Interior Lighting Fluorescent	70%		2024	\$77,200	10	\$6,800	
Tuorescent	T-12 Lamps And Fixt Location : Reading	-			10	\$0,800	
	25%	nieus	2027	* *	10	\$2.400	
Fluorescent	25% T-8 Lamps And Fixtu	res Frient · Light	2037 Area Afi		10	\$2,400	
	Location : Basemen	-	лгей Ајј	ectea : 10070			
LED	5%		2037	* *			
Egress Lighting							
Emergency, Battery	50%		2037	* *	10	\$1,300	
Exit, Service	50%		2037	* *	1		
Exterior Lighting HID	10%		2024	\$4,200	10		
LED	20%		2024	\$4,200 * *	10		
No Component	2078 70%		2037				
larm	7070						
Security System							
No Component	70%						
Generic	30%		2034	* *	1	\$1,200	
	Other Observation, E	-	Affected	: 100%			
	Location : Inside Ar						
	Explanation : CCTV	/ Surveillance Can	ieras				
Fire/Smoke Detection	700/						
No Component	70% 30%		2024	\$24,200	1 2	¢2 000	
Generic, Analog	Other Observation, E	rtent · Light Area		\$34,200	1-3	\$2,000	
	Location : Basemen		ngjeereu	. 10070			
	Explanation : Smok		e Alarm	Control Panel			
lechanical	Current F			e Replacement	М	aintenance	
System							D
Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating							
Energy Source							
Natural Gas	100%		2039	* *	1		
Conversion Equipment					-		
Hot Water Boiler	100%		2034	* *	1	\$5,300	
	Other Observation, E	xtent : Light, Area		: 100%			
	Location : Basemen						
	Explanation : One U	Unit					
Distribution	1000/		000-	. ماد		* ~~~	
Hot Wtr Piping/Pump	100%		2037	* *	4	\$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 # : 13239

Mechanical		Current R	epair	Futur	re Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
leating								•
Terminal Devices								
Air Handler	60%			2029	\$87,100	1	\$4,000	
Convector/Radiator	40%			2034	* *	1	\$1,400	
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	70%			2034	* *	1	\$3,500	
1		ervation, Ex : Mezzanin	ctent : Light, Area e Roof	Affected	l : 70%			
	Explana	tion : 2 Unit	s, R-410a					
Exterior Pkg Unit - Cooling	30%			2024	\$25,100	2	\$200	
coomig	-	-	ent : Light, Area A ezzanine Roof	ffected :	30%			
Terminal Devices								
Air Handler/Dir	70%			2024	\$80,800	1		
Expansion								
No Component	30%							
Heat Rejection Air Cooled Condenser	70%			2034	* *	2	\$5,200	
Unit	200/							
No Component	30%							
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2.5	\$9,400	
Exhaust Fans	100%			LIFE		2-5	\$9,400	
Interior	70%			2024	\$25,700	2	\$200	
Roof	30%			2024	\$5,100	2	\$200 \$100	
lumbing	3070			2024	\$5,100	4	\$100	
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater	10070			2057		1		
Gas Fired	100%			2027	\$6,300	2	\$200	
Sanitary Piping	10070			_ , _ ,	\$0,200	-	¢200	
Cast Iron	100%	Now	\$1,500	LIFE	* *	1		
	Blockage /	Clogged, E	xtent : Severe, Are Staff Restroom		ed : 3%	-		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s) Electric	100%			2029	\$3,000	4	\$600	
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 # : 13239

Mechanical	Current Repair	Future Replacemen	t I	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co FY	ost Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport	in the second				
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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

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 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$169,300
Total		\$169,300
Importance Code A		\$169,300
Total		\$169.300

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$37,000	\$300		
Interior Architecture	\$1,600	\$6,700		\$2,100
Electrical	\$500	\$500	\$10,200	\$400
Mechanical	\$500	\$600	\$28,500	\$500
Total	\$39,600	\$8,100	\$38,700	\$2,900
Importance Code A	\$37,500	\$800	\$500	\$500
Importance Code B	\$2,100	\$7,300	\$38,200	\$2,300
Importance Code C				\$100
Total	\$39,600	\$8,100	\$38,700	\$2,900



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

BROOKLYN PUBLIC LIBRARY - 038 CANARSIE BRANCH LIBRARY

Asset # : 13620

		ASSet # 113	020				
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	Priorit
xterior							
Exterior Walls							
Masonry: Brick	Diagonal Location Horizonta	Now \$9,500 Cracks, Extent : Moderate, An : East Facade, North Facade l Cracks, Extent : Moderate, A : North Facade	2		5	\$3,000	
Stucco Cement	65%		2029	\$169,300	5	\$14,100	
Windows	0070		2027	\$109,500	5	\$11,100	
Aluminum Aluminum	Deteriorat Location	Now \$27,500 ted Finish, Extent : Moderate, : East Facade			5 5	\$600 \$300	
		Deteriorated, Extent : Modera	ite, Area	Affected : 25%			
Daranata	Location	: East Facade					
Parapets Not Accessible	100%						
	10070						
Roof Not Accessible	100%						
terior	10070						
Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$1,600	
Ceramic Tile	5%		2033	* *	5	\$700	
Vinyl Tile	90%		2033	* *	3	\$6,400	
Interior Walls	7070		2052		5	\$0,400	
Ceramic Tile	5%		2033	* *	5	\$200	
Concrete Masonry Unit			LIFE	* *	5	\$200 \$200	
Gypsum Board	85%		LIFE	* *	5	\$2,400	
Ceilings	0070		LIIL		5	φ2,400	
AcousTileSusp.Lay-In	95%		2041	* *	5	\$13,500	
Exposed Concrete	5%		LIFE	* *	5	\$100	
	570		LIIL		5	\$100	
lectrical		Current Repair	Futur	re Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
nder 600 Volts							
Service Equipment							
Fused Disc Sw	Location	ervation, Extent : Moderate, 2 : Electrical Room			5		
	Explana	tion : Main Service Switch Ra	ted 400 I	Amperes			
Switchgear / Switchboard Molded Case Bkrs	100%		2050	* *	5	\$300	
Raceway					-	++++	
Conduit	100%		2050	* *	1		
Panelboards				* *		¢200	
Molded Case Bkrs	100%		2046	**	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	Futur	e Replacement	м	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)		Estimated Cost		Estimated Cost	Priority
Inder 600 Volts							
Wiring							
Thermoplastic	100%		2050	* *	1		
bround							
Grounding Devices Not Accessible	100%						
ighting	10070						
Interior Lighting							
Fluorescent	100%		2032	* *	10	\$8,700	
	-	And Fixtures, Extent : Mode	erate, Are	a Affected : 100%			
	Location	: Throughout The Building					
Egress Lighting	500 (0000		10	#1 100	
Emergency, Battery	50%		2032	* *	10	\$1,100	
Exit, Service	50%		2032	ጥ ጥ	1		
Exterior Lighting HID	100%		2032	* *	10		
larm	100/0		2032		10		
Security System							
Generic	100%		2032	* *	1	\$3,500	
	Location	ervation, Extent : Moderate, : Throughout The Building ion : CCTV Surveillance Cau		ected : 100%			
/lechanical	Location	: Throughout The Building	neras	ected : 100%	М	laintenance	
	Location Explanat	: Throughout The Building ion : CCTV Surveillance Car	neras Futur			aintenance Estimated Cost	Priorit
System Component Type	Location Explanat	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost	neras Futur Year	e Replacement	Cycle		Priorit
System Component Type leating Energy Source	Location Explanat % of Total	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost	neras Futur Year FY	e Replacement Estimated Cost	Cycle		Priorit
System Component Type leating Energy Source Natural Gas	Location Explanat	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost	neras Futur Year	e Replacement	Cycle		Priorit
System Component Type leating Energy Source Natural Gas Conversion Equipment	Location Explanat % of Total 100%	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost	The second secon	e Replacement Estimated Cost * *	Cycle	Estimated Cost	Priorit
Type leating Energy Source Natural Gas	Location Explanat % of Total 100% 100% Other Obsi Location	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost	neras Futur Year FY 2044 2032 a Affected	e Replacement Estimated Cost **	Cycle		Priorit
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace	Location Explanat % of Total 100% 100% Other Obsi Location	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Equipment Room	neras Futur Year FY 2044 2032 a Affected	e Replacement Estimated Cost **	Cycle	Estimated Cost	Priorit
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace	Location Explanat % of Total 100% 100% Other Obs. Location Explanat	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Equipment Room	The second secon	e Replacement Estimated Cost * * * *	Cycle	Estimated Cost	Priorit
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace stir Conditioning Energy Source Electricity	Location Explanat % of Total 100% 100% Other Obsi Location	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Equipment Room	neras Futur Year FY 2044 2032 a Affected	e Replacement Estimated Cost **	Cycle	Estimated Cost	Priorit
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace stir Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit	Location Explanat % of Total 100% 100% Other Obs. Location Explanat	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Equipment Room	The second secon	e Replacement Estimated Cost * * * *	Cycle	Estimated Cost	Priorit
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace stir Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit Ventilation	Location Explanat % of Total 100% 0ther Obso Location Explanat 100%	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Equipment Room	neras Futur Year FY 2044 2032 a Affected a 2040	e Replacement Estimated Cost ** ** ': 100%	Cycle (Yrs) 1 1	Estimated Cost	Priorit
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace ir Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit Ventilation Distribution	Location Explanat % of Total 100% 100% Other Obst Location Explanat 100% 100%	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Equipment Room	neras Futur Year FY 2044 2032 Affected 2040 2022	e Replacement Estimated Cost ** ** ** ** ** ** ** ** **	Cycle (Yrs) 1 1 1	Estimated Cost \$4,700	Priorit
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace ir Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit Ventilation Distribution Ductwork/Diffusers	Location Explanat % of Total 100% 0ther Obso Location Explanat 100%	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Equipment Room	neras Futur Year FY 2044 2032 a Affected a 2040	e Replacement Estimated Cost ** ** ': 100%	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 Ductwork/Diffusers Exhaust Fans	Location Explanat % of Total 100% 100% Location Explanat 100% 100%	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Equipment Room	neras Futur Year FY 2044 2032 Affected 2040 2022	e Replacement Estimated Cost ** ** ** ** ** ** ** ** **	Cycle (Yrs) 1 1 1	Estimated Cost \$4,700	Priorit
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Litr Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit Ventilation Distribution Distribution Exhaust Fans Not Accessible	Location Explanat % of Total 100% 100% Other Obst Location Explanat 100%	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Equipment Room	neras Futur Year FY 2044 2032 Affected 2040 2022	e Replacement Estimated Cost ** ** ** ** ** ** ** ** **	Cycle (Yrs) 1 1 1	Estimated Cost \$4,700	Priorit
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Window/Wall Unit Ventilation Distribution Ductwork/Diffusers Exhaust Fans	Location Explanat % of Total 100% 100% Location Explanat 100% 100%	: Throughout The Building ion : CCTV Surveillance Car Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Equipment Room	neras Futur Year FY 2044 2032 Affected 2040 2022	e Replacement Estimated Cost ** ** ** ** ** ** ** ** **	Cycle (Yrs) 1 1 1	Estimated Cost \$4,700	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. 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 R	epair Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing						
Water Heater						
Electric	100%	2022	\$8,100	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.

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

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

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

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$205,300	
Interior Architecture		\$114,900
Electrical		\$55,000
Mechanical		\$105,200
Total	\$205,300	\$275,200
Importance Code A	\$205,300	\$105,200
Importance Code B		\$169,900
Total	\$205,300	\$275,200

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$55,100		\$7,900	
Interior Architecture	\$35,900		\$800	\$2,200
Electrical	\$12,100	\$400	\$500	\$600
Mechanical	\$5,500	\$1,300	\$2,200	\$1,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$112,500	\$5,700	\$15,400	\$7,700
Importance Code A	\$55,800	\$700	\$8,600	\$700
Importance Code B	\$39,000	\$5,000	\$6,800	\$6,400
Importance Code C	\$17,700			\$600
Total	\$112,500	\$5,700	\$15,400	\$7,700



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 # : 13241

rchitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	Location Spalling, E. Location Vegetation	: Various xtent : Lig : Various I	\$205,300 l, Extent : Modera Locations Through ht, Area Affected : Locations Through Extent : Moderate, l Side	out 15% out	-	5	\$32,900	
Masonry: Limestone	5%			LIFE	* *	5	\$2,700	
Masonry: Sandstone	3%	Now	\$25,600	LIFE	* *	5	\$800	
	Location Loose/Dela Location Other Obse Location	: Base Thr om Surface : Base Thr ervation, E : Building	, Extent : Moderat coughout Extent : Light, Area	e, Area A Affected	ffected : 25%			
Windows								
Aluminum	80%			2037	* *	5	\$3,900	
Steel	20%			2037	* *	5	\$12,000	
Parapets							. ,	
Masonry: Brick	Spalling, E	Now xtent : Mo : Exterior	\$20,200 derate, Area Affec Face	LIFE ted : 30%	× * 0	5	\$1,700	
Masonry: Limestone	30%			LIFE	* *	5-10	\$8,800	
Roof	2070					5 10	\$0,000	
Copper/Terne	5%			2057	* *	10	\$1,500	
Modified Bitumen	95%			2037	* *	10	\$11,400	
Modified Bitumen	Recent Rep	lace Evide : Through	ent, Extent : Light, out, 2012			10	\$11,400	
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
terior								
Floors								
Cast in Place Concrete	2%			LIFE	* *	5	\$1,300	
Ceramic Tile	3%	0-2	\$900	2032	* *	5	\$200	
		ssing Elem : Bathroor		erate, Ar	ea Affected : 20%			
Marble Panels	5%			LIFE	* *	5	\$1,100	
Vinyl Tile	90%			2029	\$114,900	3	\$6,500	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	\$1,100	
Gypsum Board	5%			LIFE	* *	5-10	\$1,900	
Plaster	90%	0-2	\$16,500	LIFE	* *	5	\$6,000	
1 105101		Trumbling,	Extent : Light, Ar			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

			Asset # 11	241				
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	Priorit
nterior								
Ceilings								
AcousTileConcealSpLn				2042	* *	5	\$900	
AcousTileSusp.Lay-In	5%			2042	* *	5	\$700	
Plaster	90%			LIFE	* *	5-10	\$22,700	
		pair Evider 1 : Through	ıt, Extent : Light, A out, 2012	rea Affe	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			2038				
Electrical		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
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2029	\$1,500	5	\$400	
	Other Obs	servation, E	Extent : Light, Area	Affected	! : 100%			
	Location	ı : Electrica	al Room					
	Explana	tion : One .	500 Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	\$33,500	5	\$400	
Raceway								
Conduit	5%			2049	* *	1		
Conduit	95%			2029	\$30,800	1		
Panelboards					±	E		
Fused Disc Sw	5%			2028	\$800	5	* * *	
Molded Case Bkrs	95%			2028	\$14,700	5	\$400	
Wiring	400/	2.4	011 500	2054	* *	1		
Braided Cloth		Aged, Exte	\$11,500 ent : Moderate, Are	2054 a Affecte		1		
		-	out The Building					
Thermoplastic	50%			2029	\$14,400	1		
Thermoplastic	10%			2049	* *	1		
Motor Controllers Locally Mounted	100%			2027	\$31,300	5	\$100	

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

Asset # : 13241

A3361 # . 13241	
Repair Future Replacement Maintenance	
Estimated Cost Year Estimated Cost Cycle Estimated Cost FY	Priorit
LIFE ** 5 \$400	
2034 ** 10 \$1,300	
Extent : Light, Area Affected : 100% ne	
amps	
2034 ** 10 \$600	
t Light, Extent : Light, Area Affected : 100%	
out The Building	
2037 **	
2037	
2034 ** 10 \$1,700	
2034 ** 1	
2001	
2024 \$55,000 10	
2034 ** 1 \$1,600	
2034 ** 1-3 \$2,600	
Repair Future Replacement Maintenance	
Estimated Cost Year Estimated Cost Cycle Estimated Cost FY (Yrs)	Priorit
	·
2039 ** 1	
Extent : Light, Area Affected : 100%	
ement	
Dil Tank Abandoned In Place	
2027 \$105,200 1 \$7,000	
Gas Fired Hot Water Boiler	
2037 ** 4 \$1,000	
2042 ** 1 \$2,300	
Extent : Light, Area Affected : 100% ement Gas Fired Hot Water Boiler 2037 ** 4 \$1,000 2042 ** 1 \$2,300	

Air Conditioning

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

Asset # : 13241

Mechanical	Current Repair	aintenance				
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est FY	imated 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	\$12,400	
Exhaust Fans						
Not Accessible	100%					
Plumbing						
H/C Water Piping		• • • •				
Brass/Copper	100%	2039	* *	1		
Water Heater	1000/	2020	\$0.200	•	**	
Gas Fired	100%	2029	\$8,300	2	\$200	
	Recent Replace Evident, Extent : . Location : Boiler Room	Light, Area Affected	1 : 100%			
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2034	* *	4	\$300	
Backflow Preventer						
Not Accessible	100%					
Fixtures						
Generic	100%					
/ertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
-	Other Observation, Extent : Light	, Area Affected : 10	0%			
	Location : Basement To Mezzan	ine				
	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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block		TRAND AV JYN .000 / 13240 013	NCH LIBRAR VE. @ FARRA) : 33		: 33 : 1990 / 1991 : BROOKLYN PUBL : NONE : 3327822	JC LIBRARY
		200				EV 2024 2020
CAPITAL Exterior Architec	ture			FY 2020 - 2023 \$240,700		FY 2024 - 2029
Interior Architect				\$240,700		\$45,100
Electrical	ure					\$164,500
Mechanical				\$160,900		\$148,700
Total				\$401,600		\$358,400
Importance Code	А			\$240,700		\$58,300
Importance Code	В			\$160,900		\$300,000
Total				\$401,600		\$358,400
EXPENSE			FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architec	ture		\$200		\$3,300	
Interior Architect	ure		\$600		\$2,400	\$800
Electrical			\$700	\$900	\$800	\$700
Mechanical			\$1,200	\$800	\$6,200	\$800
Total			\$2,700	\$1,700	\$12,800	\$2,300
Importance Code	А		\$500	\$400	\$3,700	\$400
Importance Code Importance Code			\$2,200	\$1,300	\$9,100	\$2,000



\$1,700

\$12,800

\$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.

\$2,700

Total

BROOKLYN PUBLIC LIBRARY - 038 CLARENDON BRANCH LIBRARY

Asset # : 13240

rchitecture	Current Repair Future Replacement			e Replacement	t Maintenance			
vstem 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	\$12,800	
Pre-Cast Concrete	3%			LIFE	* *	5	\$1,300	
Windows								
Aluminum	100%			2040	* *	5	\$300	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	\$5,500	
Metal Panel	5%			2044	* *	5	\$1,300	
Metal: Cage/Fence	15%			2037	* *	5-10	\$8,000	
Roof	000/	N	¢14 2 000	2024	* *			1
Modified Bitumen		Now	\$142,000	2034	* *			1
		xtent : Sev : Through	ere, Area Affected	: 23%				
		-	oui stent : Severe, Arec	Affaataa	1.250/			
	-	en/Spiii, Es : Through		i Ajječied	. 2370			
		-	: Moderate, Area	Affected	. 250/			
		ieu, Exieni : Through		Ајјестец	. 2370			
$(1-1)$ 1 + M_{1} + $1/C1$		-		2044	* *			1
Skylight, Metal/Glass		Now	\$98,800 ents, Extent : Seve	2044				1
		issing Lien : Through		re, Area	Affected : 50%			
		-	oui xtent : Moderate, 1	Area Affa	atad , 100/			
		ierranon, E 1 : Over Fir		Area Ajje	cieu . 1070			
erior	Locuitor		51 1 1001					
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$600	
Ceramic Tile	5%			2033	* *	5	\$300	
Vinyl Tile	90%			2029	\$45,100	3	\$2,600	
Interior Walls					+ -)	-	*)	
Concrete Masonry Unit	20%			LIFE	* *	5	\$800	
Gypsum Board	80%			LIFE	* *	5	\$5,000	
Ceilings								
AcousTileSusp.Lay-In	85%			2037	* *	5	\$4,800	
1	Water Per	etration, E	xtent : Moderate, A	Area Affe	cted : 10%			
	Locatior	a : First Flo	por					
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	\$700	
ectrical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
stem	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priori
Component	Total	(Years)		FY		(Yrs)		
der 600 Volts								
Service Equipment Molded Case Bkrs	100%			2034	* *	5	\$200	
WORLD Case DKIS			Extent : Moderate, 1			5	\$200	
		ervation, E 1 : Electrica		neu Ayje	c.cu . 100/0			
			a Room Service Disconnee	et Rated	At 500 Amneres			
	Lapiana		Service Disconnet					

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 CLARENDON BRANCH LIBRARY

Asset #: 13240

		5561#.15240				
Electrical	Current Rep	air Futur	e Replacement	М		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Switchgear / Switchboard						
Molded Case Bkrs	100%	2034	* *	5	\$200	
Raceway	1000/	• • • •	ate ate			
Conduit	100%	2034	* *	1		
Panelboards Fused Disc Sw	100/	2032	* *	5		
Hused Disc Sw Molded Case Bkrs	10% 90%	2032	* *	5 5	\$200	
Wiring	9070	2032		5	\$200	
Thermoplastic	100%	2034	* *	1		
Motor Controllers Locally Mounted	100%	2029	\$15,600	5	\$100	
round						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
ighting						
Interior Lighting Fluorescent	100%	2024	¢00.000	10	\$7 200	
Fluorescent	Other Observation, Exte		\$80,900	10	\$7,200	
	Location : Throughout		. 10070			
	Explanation : T-12 Lar	-				
Egress Lighting	Explanation : 1 12 Ear	145				
Emergency, Battery	50%	2024	\$5,400	10	\$900	
Exit, Service	50%	2024	\$600	1	••••	
Exterior Lighting						
HID	100%	2024	\$30,500	10		
larm						
Security System						
Generic	100%	2032	* *	1	\$2,900	
	Other Observation, Exte		cted : 100%			
	Location : Throughout	-				
F ' /0 1 D / /'	Explanation : CCTV St	urveillance Cameras				
Fire/Smoke Detection	1000/	2024	¢92 700	1.2	¢4.000	
Generic	100% Other Observation Frate	2024	\$83,700	1-3	\$4,800	
	Other Observation, Exte		clea : 100%			
	Location : Throughout	-	Stucks Lickta			
	Explanation : Alarm B	ells, Manual Pull Station	i, Strobe Lignis			
Mechanical	Current Rep	air Futur	e Replacement	М	aintenance	
System			Estimated Cost	Cycle	Estimated Cost	Priorit
Component Type	Total (Years)	FY	Litimateu Cost	(Yrs)	Lotinated Cost	TIVIL
Ieating						
Energy Source	10051					
Natural Gas	100%	2034	* *	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. ** Replacement cost estimated to be beyond ten years is not included in this report.

BROOKLYN PUBLIC LIBRARY - 038 CLARENDON BRANCH LIBRARY

Asset # : 13240

Mechanical		Current Repair Future Replacement				Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Conversion Equipment								
Hot Water Boiler	100%		2029	\$58,300	1	\$3,900		
		ervation, Extent : Light, Area	Affectea	1:100%				
		: 1st Floor Boiler Room						
Distribution	Explana	tion : 1 Unit						
	100%		2032	* *	4	\$600		
Hot Wtr Piping/Pump Terminal Devices	100%		2032		4	\$000		
Air Handler	85%		2024	\$90,400	1	\$4,100		
Convector/Radiator	83% 15%		2024	\$90,400	1	\$4,100		
Air Conditioning	1370		2029	\$0,100	1	\$400		
Energy Source								
Electricity	100%		2040	* *	1			
Conversion Equipment	10070		2010		-			
Int Pkg Unit -	100%		2022	\$160,900	2	\$500		
Heating/Cooling								
	R-22 Refri	gerant, Extent : Light, Area A	ffected :	100%				
	Location	: Equipment Room						
Ventilation								
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,300		
Exhaust Fans								
Interior	100%		2024	\$26,900	2	\$200		
Plumbing								
H/C Water Piping	1000/		2024	* *	1			
Brass/Copper	100%		2034	~ ~	1			
Water Heater	1000/		2022	¢4.600	2	¢100		
Gas Fired	100%		2022	\$4,600	2	\$100		
Sanitary Piping	1000/		LIEF	* *	1			
Cast Iron	100%		LIFE	· · ·	1			
Storm Drain Piping Cast Iron	100%		LIFE	* *	1			
Fixtures	100%		LIFE		1			
Generic	100%							
UCHICHU	10070							

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

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Address: 380 W.Borough: BROOProgram / Asset #: BPLOCArea Sq Ft: 7,500Date of Survey: 28-FebAreas Surveyed: Roof, I		HINGTON LYN 3.000 / 13242 013 ors 1	2	GREENE AVE - LAFA Agency's Number Yr Built/Renovated Project Type Landmark Status	YETTE AVE : 83 : 1974 / 2000 : BROOKLYN PUBLIC LIBRARY : HISTORICAL LANDMARK DISTRICT		
Block	: 1945	Lot	: 36	BIN	: 3055495		
CAPITAL				FY 2020 - 2023		FY 2024 - 2029	
Exterior Architec	ture			\$312,300			
Interior Architect	ture			\$76,000		\$79,900	
Electrical				\$172,300		\$71,800	
Mechanical				\$88,900			
Total				\$649,500		\$151,700	
Importance Code	А			\$312,300			
Importance Code	В			\$337,200		\$151,700	
Total				\$649,500		\$151,700	
EXPENSE			FY 2020	FY 2021	FY 2022	FY 2023	
Exterior Architec	ture		\$5,200		\$5,300		
Interior Architect	ture		\$8,500	\$1,000	\$500		
Electrical			\$39,600	\$600	\$17,700	\$17,700	
Mechanical			\$40,300	\$900	\$7,400	\$900	
Total			\$93,700	\$2,500	\$30,900	\$18,600	
Importance Code	A		\$23,900	\$400	\$5,700	\$400	
Importance Code	В		\$61,800	\$2,200	\$25,000	\$18,200	
Importance Code	C		\$8,000		\$200		
Total			\$93,700	\$2,500	\$30,900	\$18,600	



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 # : 13242

Architecture	Current Repair			Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	\$8,500	
Masonry: Brick	Jnt Morta	Now r Miss/Eroo : West Fa	\$2,400 d, Extent : Moderat cade	LIFE te, Area A	* * Affected : 5%	5	\$1,400	
Stucco Cement	30% Other Obs	ervation. H	Extent : Moderate, A	2037 Area Affe	* * ected : 100%	5	\$10,600	
	Location	: Continu	ous Band At Top O sed Aggregate Fin	f Wall				
Windows	T	··· · · · · · · · · · · · · · · · · ·	00 0 0 0 0					
Aluminum	Location Caulking I	: Kitchen, Deteriorate	\$2,800 nt : Moderate, Area Meeting Room ed, Extent : Modera Meeting Room			5	\$300	
Roof			0					
Modified Bitumen	Location Vegetation	: West Sid	Extent : Moderate,					
		5	xtent : Moderate, A	Aroa Affa	cted · 10%			
			oor Near Main Enti		cieu . 1070			
nterior	2000000		Bailt					
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$2,300	
Ceramic Tile	5%			2027	\$11,400	5	\$500	
Panel/Paver: Cer/Brk	5%			2040	* *	5	\$1,200	
Vinyl Tile	80%			2024	\$79,900	3	\$3,100	
Interior Walls								
Ceramic Tile	5%			2027	\$14,100	5	\$500	
Concrete Masonry Unit	70%	0-2	\$8,000	LIFE	* *	5	\$2,500	
·	Vertical C		ent : Moderate, Are North Wall	a Affecte	d : 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.

Asset # : 13242

Architecture	Current Repair Futur			uture Replacement Maintenar		aintenance	nce	
System Component Type	% of Total	Fail Date Estimated (Years)		Estimated Cost		Estimated Cost	Priority	
nterior								
Ceilings AcousTileSusp.Lay-In	Location Staining/L	4+ \$76, d/Bulging, Extent : Moo a : Throughout Discoloring, Extent : Moo a : Throughout	lerate, Area Aff		5	\$4,200		
	Water Pen Location Worn/Ero	netration, Extent : Mode n : First Floor Near Ma ded, Extent : Light, Are n : Throughout	in Entrance					
Exposed Struc: Steel	10%		LIFE	* *	-	\$1.3 00		
Gypsum Board	10%		LIFE	* *	5	\$1,300		
Electrical		Current Repair	Futur	e Replacement	М	aintenance		
System Component Type	% of Total	Fail Date Estimated (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
Jnder 600 Volts Service Equipment Molded Case Bkrs	Location	ervation, Extent : Mode 1 : Electrical Room			5	\$200		
	Explana	tion : One 400 Ampere	Main Disconne	ct Switch				
Switchgear / Switchboard Molded Case Bkrs	100%		2024	\$36,500	5	\$200		
Raceway Conduit	100%		2024	\$35,400	1			
Panelboards Fused Disc Sw	5%		2023	\$800	5			
Molded Case Bkrs	95%		2023	\$16,000	5	\$200		
Wiring Thermoplastic	100%		2024	\$31,300	1			
Motor Controllers Locally Mounted	100%		2022	\$17,000	5	\$100		
Ground Grounding Devices								
Generic	100%		LIFE	* *	5	\$100		
ighting								
Interior Lighting Fluorescent	Location	ervation, Extent : Light a : Throughout The Buil tion : T-12 Lamps		\$84,700 <i>: 100%</i>	10	\$6,900		
	1	1						
Egress Lighting Emergency, Battery	50%		2029	\$5,700	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 # : 13242

Electrical		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
ighting Exterior Lighting								
HID	100%			2020	\$32,000	10		
larm Security System								
No Component Generic	30% 70%			2032	* *	1	\$2,000	
Fire/Smoke Detection Generic	100%			2020	\$87,600	1-3	\$4,800	
Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating	•							
Energy Source Natural Gas	100%			2044	* *	1		
Conversion Equipment	1000/	0.2	¢10.700	2024	* *	1	¢2 200	
Furnace	Location	: Furnace	\$18,700 Extent : Severe, Are Room solete Units	2034 a Affecte		1	\$3,300	
Air Conditioning	-							
Energy Source Electricity	100%			2040	* *	1		
Terminal Devices Air Handler/Cool/Ht			\$88,900 tent : Severe, Area Room	2034 Affected	* * ! : 100%	1	\$4,200	
Heat Rejection Air Cooled Condenser Unit	100%	0-2	\$16,000	2034	* *	2	\$4,200	
	Broken, E. Location		ere, Area Affected :	100%				
entilation Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,200	
Exhaust Fans Roof	100% Malfunctio Location	oning, Exte	\$2,600 nt : Moderate, Are	2029 a Affecte	\$13,200 d : 100%	2	\$200	
	Not in Ser	vice, Exten	t : Moderate, Area Fans, Bad Odor In					
lumbing								
H/C Water Piping Galvanized Steel	100%			2037	* *	1		
Water Heater Gas Fired	100%			2022	\$4,800	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 # : 13242

Mechanical	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
No Component	90%					
Generic	10%	2029	\$200	1	\$100	
Fixtures						
Generic	100%					
	Obsolete Fixtures, Extent : Mod	erate, Area Affected :	100%			
	Location : Main Floor					
Fire Suppression						
Chemical System						
No Component	90%					
Generic	10%	2020	\$2,900	1-3	\$400	
	Other Observation, Extent : Light	ht, Area Affected : 100	0%			
	Location : Throughout					
	Explanation : Fire Extinguishe	ers				

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 2019 Print Date: 17-Sep-2018

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

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$277,300
Electrical		\$14,500
Total		\$291,800
Importance Code A		\$277,300
Importance Code B		\$14,500
Total		\$291,800

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$22,600		\$900	
Interior Architecture			\$1,400	\$3,400
Electrical	\$1,100	\$11,400	\$1,500	\$1,000
Mechanical	\$1,600	\$1,800	\$7,600	\$1,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$29,200	\$17,100	\$15,400	\$10,100
Importance Code A	\$23,300	\$700	\$1,600	\$700
Importance Code B	\$5,900	\$16,400	\$13,800	\$9,400
Importance Code C				
Total	\$29,200	\$17,100	\$15,400	\$10,100



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.

BROOKLYN PUBLIC LIBRARY - 038 CONEY ISLAND BRANCH LIBRARY

Asset # : 13243

Architecture	Current	Current Repair Future Replacement			М		
ystem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls	000/ 37	* • • • • • •			_		
Masonry: Brick	80% Now	\$17,100	LIFE	* *	5	\$27,300	
	Vertical Cracks, Ext						
		Facade And Stair I					
Masonry: Granite	5%		LIFE	* *	5	\$1,300	
Metal/Glass Curt Wall	15%		LIFE	* *	5	\$9,600	
	Thermally Inefficient	-	ea Affect	ed : 100%			
	Location : Through	iout					
Windows							
Aluminum	100%		2042	* *	5	\$1,800	
Parapets							
Cast Stone/Terra Cotta	15%		LIFE	* *	5	\$4,000	
	Worn/Eroded, Exten	0 00	cted : 100	0%			
	Location : Through	nout					
Masonry: Brick	85%		LIFE	* *	5	\$3,000	
,	Spalling, Extent : Lig	ght, Area Affected :	30%				
	Location : Above F	Parapet Wall Base (Counter H	Flashing			
Roof							
Modified Bitumen	95% Now	\$5,500	2026	\$277,300			
	Blisters, Extent : Lig						
	-	t To Mechanical Ed		On Main Roof			
Skylight, Metal/Glass	5%		2036	* *	10	\$3,500	
Skylight, Weth Gluss	Deteriorated Finish,	Extent : Light Are		d:100%	10	\$5,500	
		lkhead Roof And M					
terior		j i i j					
Floors							
Cast in Place Concrete	20%		LIFE	* *	5	\$9,200	
Ceramic Tile	10%		2039	* *	5	\$2,100	
Terrazzo	15%		LIFE	* *	5	\$2,500	
Vinyl Tile	55%		2034	* *	3	\$4,300	
Interior Walls	5570		2031		5	\$1,500	
Ceramic Tile	5%		2039	* *	5	\$1,300	
Gypsum Board	50%		LIFE	* *	5	\$7,600	
Masonry: Brick	15%		LIFE	* *	5	\$7,000	
Plaster	30%		LIFE	* *	5	\$2,300	
1 luster	Paint Peeling, Exten	t · Light Area Affe		%	5	\$2,500	
	Location : Stairwel						
Ceilings		<i></i>					
AcousTileConcealSpLn	30%		2043	* *	5	\$6,700	
Gypsum Board	35%		LIFE	* *	5	\$0,700 \$7,900	
Plaster	25%		LIFE	* *	5	\$2,800	
1 145101	2376 Paint Peeling, Exten	t·Light Area Affe			5	\$2,000	
	Location : Stairwei						
W/		×v	LIPP	* *	F	¢15 700	
Wood	10%		LIFE	~ ^	5	\$15,700	

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

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

BROOKLYN PUBLIC LIBRARY - 038 CONEY ISLAND BRANCH LIBRARY

Asset # : 13243

Electrical		Feetense P			-:	_
Electrical	Current Repair		eplacement		aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts						
Service Equipment				_		
Fused Disc Sw	100%	2046	* *	5	\$100	
	Other Observation, Extent : Light, A Location : Boiler Room	Area Affected : 10	00%			
	Explanation : 600 Amperes Servic					
Switchgear / Switchboard	Explanation : 000 Amperes Servic	.e				
Fused Disc Sw	100%	2046	* *	5	\$100	
Raceway	10070	2010		5	\$100	
Conduit	100%	2046	* *	1		
Panelboards						
Molded Case Bkrs	100%	2042	* *	5	\$400	
Wiring						
Thermoplastic	100%	2046	* *	1		
Motor Controllers						
Locally Mounted	100%	2039	* *	5	\$100	
round						
Grounding Devices				_		
Generic	100%	LIFE	* *	5	\$200	
ighting						
Interior Lighting Fluorescent	80%	2031	* *	10	\$10,300	
Fluorescent	T-8 Lamps And Fixtures, Extent : L			10	\$10,500	
	Location : Throughout The Buildi		<i>a</i> . 10070			
Fluorescent	10%	2026	\$14,500	10	\$1,300	
Tuorescent	T-8 Lamps And Fixtures, Extent : L			10	\$1,500	
			<i>a</i> . 100/0			
	-	igni, mea njjeen				
Incondescent	Location : Basement			2		
Incandescent	-	2026	\$14,500	2		
Egress Lighting	Location : Basement	2026	\$14,500			
Egress Lighting Emergency, Service	Location : Basement 10% 50%	2026 2026		2		
Egress Lighting Emergency, Service Exit, LED	Location : Basement	2026	\$14,500 \$3,600			
Egress Lighting Emergency, Service Exit, LED larm	Location : Basement 10% 50%	2026 2026	\$14,500 \$3,600			
Egress Lighting Emergency, Service Exit, LED larm Security System	Location : Basement 10% 50%	2026 2026	\$14,500 \$3,600			
Egress Lighting Emergency, Service Exit, LED larm	Location : Basement 10% 50% 50%	2026 2026	\$14,500 \$3,600		\$2,600	
Egress Lighting Emergency, Service Exit, LED larm Security System No Component	Location : Basement 10% 50% 50% 50%	2026 2026 2054 2031	\$14,500 \$3,600 **	1	\$2,600	
Egress Lighting Emergency, Service Exit, LED larm Security System No Component	Location : Basement 10% 50% 50% 50% 50%	2026 2026 2054 2031 Area Affected : 10	\$14,500 \$3,600 **	1	\$2,600	
Egress Lighting Emergency, Service Exit, LED larm Security System No Component Generic	Location : Basement 10% 50% 50% 50% 50% 0ther Observation, Extent : Light, A	2026 2026 2054 2031 Area Affected : 10	\$14,500 \$3,600 **	1	\$2,600	
Egress Lighting Emergency, Service Exit, LED larm Security System No Component Generic Fire/Smoke Detection	Location : Basement 10% 50% 50% 50% 50% Other Observation, Extent : Light, A Location : First And Second Floor Explanation : CCTV Only	2026 2026 2054 2031 Area Affected : 10	\$14,500 \$3,600 ** 00%	1 1		
Egress Lighting Emergency, Service Exit, LED larm Security System No Component Generic	Location : Basement 10% 50% 50% 50% 50% Other Observation, Extent : Light, A Location : First And Second Floo	2026 2026 2054 2031 Area Affected : 10	\$14,500 \$3,600 **	1	\$2,600	
Egress Lighting Emergency, Service Exit, LED larm Security System No Component Generic Fire/Smoke Detection Generic, Digital	Location : Basement 10% 50% 50% 50% Other Observation, Extent : Light, A Location : First And Second Floor Explanation : CCTV Only 100%	2026 2026 2054 2031 Area Affected : 10 r 2031	\$14,500 \$3,600 ** 00% **	1 1 1-3	\$8,600	
Egress Lighting Emergency, Service Exit, LED larm Security System No Component Generic Fire/Smoke Detection Generic, Digital	Location : Basement 10% 50% 50% 50% Other Observation, Extent : Light, A Location : First And Second Floor Explanation : CCTV Only 100% Current Repair	2026 2026 2054 2031 Area Affected : 10 r 2031 Future R	\$14,500 \$3,600 ** 00% ** eplacement	1 1 1 1-3	\$8,600	D
Egress Lighting Emergency, Service Exit, LED Ilarm Security System No Component Generic Fire/Smoke Detection	Location : Basement 10% 50% 50% 50% Other Observation, Extent : Light, A Location : First And Second Floor Explanation : CCTV Only 100%	2026 2026 2054 2031 Area Affected : 10 r 2031 Future R	\$14,500 \$3,600 ** 00% **	1 1 1 1-3	\$8,600	Priorit
Egress Lighting Emergency, Service Exit, LED larm Security System No Component Generic Fire/Smoke Detection Generic, Digital	Location : Basement 10% 50% 50% 50% Other Observation, Extent : Light, A Location : First And Second Floor Explanation : CCTV Only 100% Current Repair % of Fail Date Estimated C	2026 2026 2054 2031 Area Affected : 10 r 2031 Future R iost Year Es	\$14,500 \$3,600 ** 00% ** eplacement	1 1 1 1-3 Cycle	\$8,600	Priorit
Egress Lighting Emergency, Service Exit, LED larm Security System No Component Generic Fire/Smoke Detection Generic, Digital	Location : Basement 10% 50% 50% 50% Other Observation, Extent : Light, A Location : First And Second Floor Explanation : CCTV Only 100% Current Repair % of Fail Date Estimated C	2026 2026 2054 2031 Area Affected : 10 r 2031 Future R iost Year Es	\$14,500 \$3,600 ** 00% ** eplacement	1 1 1 1-3 Cycle	\$8,600	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.

BROOKLYN PUBLIC LIBRARY - 038 CONEY ISLAND BRANCH LIBRARY

Asset # : 13243

Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)		Estimated Cost		Estimated Cost	Priority
Heating							
Conversion Equipment Hot Water Boiler	100%		2039	* *	1	\$6,900	
Distribution Hot Wtr Piping/Pump	100%		2042	* *	4	\$700	
Terminal Devices Convector/Radiator	100%		2039	* *	1	\$4,500	
Air Conditioning Energy Source Electricity	100%		2042	* *	1		
Conversion Equipment Exterior Pkg Unit - Cooling	50%		2031	* *	2	\$400	
Split Unit	50%		2031	* *			
Distribution Ductwork/Diffusers	100%		LIFE	* *	2	\$18,200	
Terminal Devices Fan Coil - 2 Pipe	100%		2031	* *	1	\$4,500	
Ventilation Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,800	
Exhaust Fans Roof	100%		2031	* *	2 3	\$400	
Plumbing H/C Water Piping Brass/Copper	100%		2046	* *	1		
Water Heater Gas Fired	100% Other Obs	ervation, Extent : Light, Area	2024 Affected	\$8,300	2	\$200	
	Location	: 1st Floor Mechanical tion : 1 - 50 Gallon Unit					
Sanitary Piping Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
Fixtures Generic	100%						
Vertical Transport Elevators Hydraulic	100%		LIFE	* *			
-	Other Obs Location	ervation, Extent : Light, Area : 1st To 2nd Floor ion : 1 - Unit		: 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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

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 PUBL	JC LIBRARY
Date of Survey	: 05-Mar-2013	Landmark Status : NONE	
Areas Surveyed	: Roof, Floors 1		
Block	: 5144 Lot : 80	BIN : 3118362	

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$126,200
Interior Architecture		\$37,600
Electrical		\$158,200
Total		\$322,000
Importance Code A		\$126,200
Importance Code B		\$195,800
Total		\$322,000

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$12,600		\$200	
Interior Architecture	\$3,600	\$500	\$100	
Electrical	\$10,600	\$600	\$700	\$800
Mechanical	\$2,200	\$1,100	\$3,000	\$5,600
Total	\$29,000	\$2,300	\$3,900	\$6,300
Importance Code A	\$13,000	\$400	\$500	\$400
Importance Code B	\$16,100	\$1,900	\$3,400	\$6,000
Importance Code C				
Total	\$29,000	\$2,300	\$3,900	\$6,300



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 CORTELYOU BRANCH LIBRARY

Asset # : 13244

Architecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System	% of		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)		
xterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	\$9,900	
Windows								
Aluminum	100%			2032	* *	5	\$300	
Parapets Masonry: Brick	95%			LIFE	* *	5	\$1,700	
Metal Panel	93% 5%			2044	* *	5	\$400	
Roof	570			2044		5	\$400	
Modified Bitumen	100%	Now	\$12,600	2029	\$126,200			
			lerate, Area Affect		· · / · ·			
	Location	a : Through	out					
			ss, Extent : Moder	ate, Area	Affected : 60%			
		1 : Through						
			xtent : Light, Area	Affected	: 10%			
	Location	n : Over Me	eting Room					
nterior Floors								
Ceramic Tile	5%			2027	\$4,500	5	\$200	
Vinyl Tile	95%			2024	\$37,600	3	\$1,600	
Interior Walls								
Concrete Masonry Unit				LIFE	* *	5	\$4,200	
			nt : Light, Area Af		0%			
~ '''	Location	i : Corners	Of Main Public Sp	ace				
Ceilings	95%	0-2	\$3,600	2037	* *	5	\$2,100	
AcousTileSusp.Lay-In			Extent : Light, Ar			5	\$2,100	
	-	i : Meeting	-	<i>u nyjeen</i>	. 10/0			
		-	xtent : Light, Area	Affected	: 15%			
		a : Meeting	0	55				
Plaster	5%			LIFE	* *	5	\$100	
Electrical		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System	% of		Estimated Cost		Estimated Cost	-	Estimated Cost	Priorit
System Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type			Estimated Cost		Estimated Cost	-	Estimated Cost	Priorit
System Component Type			Estimated Cost		Estimated Cost	-	Estimated Cost	Priorit
System Component Type Jnder 600 Volts	Total	(Years)		FY 2034	* *	-	Estimated Cost	Priorit
System Component Type Jnder 600 Volts Service Equipment	Total 100% Other Obs	(Years) servation, E	xtent : Moderate, 1	FY 2034	* *	(Yrs)	Estimated Cost	Priorit
System Component Type Jnder 600 Volts Service Equipment	Total 100% Other Obs Location	(Years) Servation, E a : Electrica	xtent : Moderate, 1 I Room	FY 2034 Area Affe	* * cted : 100%	(Yrs)	Estimated Cost	Priorit
System Component Type Jnder 600 Volts Service Equipment Fused Disc Sw	Total 100% Other Obs Location	(Years) Servation, E a : Electrica	xtent : Moderate, 1	FY 2034 Area Affe	* * cted : 100%	(Yrs)	Estimated Cost	Priorit
System Component Type Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard	Total 100% Other Obs Location Explana	(Years) servation, E a : Electrica tion : Two-	xtent : Moderate, 1 I Room	FY 2034 Area Affe Disconn	* * cted : 100%	(¥rs)	Estimated Cost	Priorit
System Component Type Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw	Total 100% Other Obs Location	(Years) servation, E a : Electrica tion : Two-	xtent : Moderate, 1 I Room	FY 2034 Area Affe	* * cted : 100% ect Switches	(Yrs)	Estimated Cost	Priorit
System Component Type Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard	Total 100% Other Obs Location Explana	(Years) Servation, E a : Electrica tion : Two-	xtent : Moderate, 1 I Room	FY 2034 Area Affe Disconn	* * cted : 100% ect Switches	(¥rs)	Estimated Cost	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.

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

BROOKLYN PUBLIC LIBRARY - 038 CORTELYOU BRANCH LIBRARY

Asset # : 13244

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
nder 600 Volts								
Panelboards								
Fused Disc Sw	5%			2032	* *	5		
Molded Case Bkrs	65%			2032	* *	5	\$100	
Molded Case Bkrs	30%			2040	* *	5	\$100	
Wiring	200/			2044	* *	1		
Thermoplastic	20% 80%			2044 2034	* *	1		
Thermoplastic Motor Controllers	80%			2034		1		
Locally Mounted	100%			2029	\$15,600	5	\$100	
Bround	10070			2029	\$15,000	5	\$100	
Grounding Devices								
Generic	100%	2-4	\$9,900	LIFE	* *	5	\$100	
			Extent : Moderate, A	Area Affe	ected : 100%	-	• • •	
	Location	: Water M	lain					
	Explanat	tion : Corr	oded					
ighting								
Interior Lighting								
Fluorescent	70%			2029	\$54,400	10	\$4,800	
			Extent : Light, Area	Affected	: 100%			
		-	out The Building					
		tion : T-8 L	amps		*** *	1.0	** * * * * *	
Fluorescent	30%			2024	\$23,300	10	\$2,100	
			Extent : Light, Area	Affected	: 100%			
		tion : T-12	out The Building					
Egress Lighting	Explanal	lon : 1-12	Lamps					
Emergency, Battery	50%			2029	\$5,200	10	\$900	
Exit, LED	50%			2029	**	10	\$700	
Exterior Lighting	5070			2032		1		
Incandescent	100%			2024	\$24,900	2		
Jarm				-	+)			
Security System								
No Component	30%							
Generic	70%			2032	* *	1	\$2,000	
Fire/Smoke Detection								
Generic	100%			2029	\$80,400	1-3	\$4,800	
Mechanical		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)		

Energy Source 100% Natural Gas

2044

* *

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 CORTELYOU BRANCH LIBRARY

Asset # : 13244

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Conversion Equipment Hot Water Boiler		ervation, Extent : Light, Area : 1st Floor Boiler Room	2041 Affected	* *	1	\$3,700	
	Explanati	on : 1 Unit					
Distribution Hot Wtr Piping/Pump	100%		2046	* *	4	\$400	
Terminal Devices							
Air Handler	70%		2032	* *	1	\$3,300	
Convector/Radiator	30%		2037	* *	1	\$700	
Air Conditioning							
Energy Source Electricity	100%		2040	* *	1		
Conversion Equipment	10070		2040		1		
Reciprocating Compr/Chiller	100%		2032	* *	1	\$3,500	
compi/chiner	R-134a Ref Location	rigerant, Extent : Light, Arec : Roof	Affected	1 : 100%			
Terminal Devices Air Handler/Dir Expansion	100%		2032	* *	1		
Heat Rejection Dry Cooler	100%		2032	* *	2	\$5,200	
Ventilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,200	
Exhaust Fans							
Interior	70%		2032	* *	2	\$200	
Roof	30%		2032	* *	2	\$100	
Plumbing H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater Gas Fired	100%		2023	\$4,400	2	\$100	
Sanitary Piping				÷-,	_	÷-00	
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							

Note : 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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address	: CYPRESS HILLS BRANCH LIBRARY : 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	: 25-Mar-2013	Landmark Status	: NONE					
Areas Surveyed	: Basement, Roof, Floors 1							
Block	: 4247 Lot : 33	BIN	: 3252993					

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Interior Architecture		\$68,300
Electrical		\$14,500
Mechanical		\$158,100
Total		\$240,900
Importance Code A		\$52,300
Importance Code B		\$188,600
Total		\$240,900

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$23,300			
Interior Architecture	\$17,600			\$1,400
Electrical	\$700	\$600	\$6,500	\$600
Mechanical	\$3,400	\$700	\$8,100	\$700
Total	\$45,000	\$1,300	\$14,600	\$2,700
Importance Code A	\$25,900	\$300	\$300	\$300
Importance Code B	\$19,100	\$1,000	\$14,200	\$2,200
Importance Code C				\$100
Total	\$45,000	\$1,300	\$14,600	\$2,700



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.*

BROOKLYN PUBLIC LIBRARY - 038 CYPRESS HILLS BRANCH LIBRARY

Asset # : 14460

			Asset # : 14					
Architecture		Current F	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
xterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$3,600	
Concrete Masonry Unit	90%			LIFE	* *	5	\$8,100	
Metal Panel	5%			2044	* *	5-10	\$5,000	
Windows								
Aluminum	100%			2040	* *	5	\$1,200	
Parapets								
Concrete Masonry Unit	90%			LIFE	* *	5	\$400	
Pre-Cast Concrete	10%			LIFE	* *	5	\$300	
Roof								
Metal Panel	95%	2-4	\$22,700	2037	* *			
			xtent : Moderate, A	Area Affe	cted : 10%			
		: Through	out					
Modified Bitumen	5%			2029	\$14,400	10	\$1,000	
iterior								
Floors	• • • • •				ماد ماد	_	* 4 = ~ ~	
Cast in Place Concrete	20%			LIFE	* *	5	\$4,500	
Ceramic Tile	5%			2033	* *	5	\$500	
Vinyl Tile	75%			2029	\$68,300	3	\$3,900	
Interior Walls	/							
Cast in Place Concrete	20%			LIFE	* *	_	****	
Ceramic Tile	3%			2033	* *	5	\$300	
Concrete Masonry Unit	2%			LIFE	* *	5	\$100	
Gypsum Board	30%			LIFE	* *	5	\$1,800	
Plaster	45%			LIFE	* *	5	\$1,300	
Ceilings	200/	4	¢1.000	2027	* *	~	¢1 100	
AcousTileSusp.Lay-In	0	4+ Discoloring, A : Through	\$1,800 Extent : Moderate out	2037 , Area A		5	\$1,100	
Gypsum Board	30%	0		LIFE	* *	5	\$4,100	
Plaster	50%	4+	\$14,800	LIFE	* *	5	\$3,400	
T luster	Staining/L		Extent : Moderate		ffected : 15%	5	ψ5,100	
Electrical		Current F	Popair	Futur	e Replacement	м	aintenance	
								-
ystem 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		ervation, E : Electricc	xtent : Moderate, 1 11 Room	2050 Area Affe	* * ected : 100%	5		
	Г 1		500 Ammanag Main	D:	ere Content			
	Explana	non : One (500 Amperes Main	Disconn	ect Switch			

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 CYPRESS HILLS BRANCH LIBRARY

Asset # : 14460

Electrical	Current Repair	Future	Replacement	Μ	aintenance	
System Component	% of Fail Date Estimated Cost Total (Years)	t Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Type Inder 600 Volts						
Raceway						
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	100%	2041	* *	5		
bround						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
ighting						
Interior Lighting	200/	0000	014 500	10	#1 300	
Fluorescent		2029	\$14,500	10	\$1,300	
	T-12 Lamps And Fixtures, Extent : Mo	oderate, Arec	a Affected : 100%	0		
	Location : Throughout The Building		* *	1.0		
Fluorescent	80%	2032		10	\$5,100	
	T-8 Lamps And Fixtures, Extent : Mod	ierate, Area	Affected : 100%			
	Location : Throughout The Building					
Egress Lighting	50%	2032	* *	10	\$800	
Emergency, Battery Exit, Service	50%	2032	* *	10	\$800	
Exterior Lighting	5070	2032		1		
HID	100%	2032	* *	10		
larm	10070	2032		10		
Security System						
No Component	70%					
Generic	30%	2032	* *	1	\$800	
Fire/Smoke Detection						
Generic	100%	2032	* *	1-3	\$4,400	
Mechanical	Current Repair	Future	Replacement	Μ	aintenance	
System	% of Fail Date Estimated Cost	t Year I	Estimated Cost	Cycle	Estimated Cost	Priorit
Component Type	Total (Years)	FY		(Ýrs)		
	I					
Ieating Energy Source						
Natural Gas	100%	2044	* *	1		
Conversion Equipment	10070	2044		1		
Hot Water Boiler	100% Now \$2,600	2029	\$52,300	1	\$3,100	
	Malfunctioning, Extent : Moderate, Ar			-	\$5,100	
	Location : Control System	00				
	Other Observation, Extent : Light, Are	ea Affected :	100%			
	Location : Basement					
	Explanation : 3 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.

BROOKLYN PUBLIC LIBRARY - 038 CYPRESS HILLS BRANCH LIBRARY

Asset # : 14460

Mechanical		Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating							
Distribution							
Hot Wtr Piping/Pump	100%		2032	* *	4	\$500	
Terminal Devices							
Convector/Radiator	50%		2037	* *	1	\$1,100	
Fan Coil Unit/Heat	50%		2029	\$50,800	1	\$1,100	
Air Conditioning							
Energy Source							
Electricity	100%		2040	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	100%		2029	\$55,000	2	\$400	
Cooling							
		gerant, Extent : Light, Area	Affected : 1	00%			
	Location	: 2 Roof Top Units					
entilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,900	
Exhaust Fans						*	
Roof	30%		2029	\$3,400	2	\$100	
No Component	70%						
lumbing							
H/C Water Piping	1000/		2011	* *	1		
Brass/Copper	100%		2044	* *	1		
Water Heater	1000/		2022	¢4.100	•	¢100	
Gas Fired	100%		2022	\$4,100	2	\$100	
Sanitary Piping	1000/			* *			
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	1000/		2020	#2 00	4	*2 00	
Submersible	100%		2020	\$200	4	\$200	
Backflow Preventer	1000/		2020	¢1 700	1	¢ 400	
Generic	100%		2029	\$1,700	1	\$400	
Fixtures	1000/						
Generic	100%						
ire Suppression							
Chemical System	000/						
No Component	90%		2022	** *	1.2	.	
Generic	10%	, <u> </u>	2022	\$2,700	1-3	\$400	
		ervation, Extent : Light, Area	a Affected :	100%			
		: Throughout					
	Explanat	tion : Fire Extinguishers					

Note : 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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	 790 BUS BROOK BPL0D3 12,584 25-Oct-2 	5.000 / 13245	AVE. Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: 35 : 1905 / 2013 : BROOKLYN PUBL : EXTERIOR LANDM : 3073751	-
	. 5241	Lot . 10		. 5075751	
CAPITAL			FY 2020 - 2023		FY 2024 - 2029
Exterior Architect			\$371,500		\$37,200
Interior Architect Electrical	ure		\$137,300		\$79,200
Mechanical					\$78,300 \$164,700
Total			\$508,800		\$280,200
			-		,
Importance Code			\$371,500		\$37,200
Importance Code	В		\$137,300		\$242,900
Total			\$508,800		\$280,200
EXPENSE		FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architect	ture	\$53,800			
Interior Architect	ure	\$33,400		\$900	\$1,800
Electrical		\$2,300	\$800	\$1,100	\$1,000
Mechanical		\$5,700	\$1,500	\$2,600	\$1,200
Site Enclosure		\$11,100			
Site Pavements		\$1,400			
Elevators/Escalate	ors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$111,600	\$6,300	\$8,500	\$7,900
Importance Code	А	\$54,400	\$600	\$600	\$600
Importance Code		\$37,000	\$5,700	\$7,500	\$7,300
Importance Code		\$20,300		\$400	
Total		\$111,600	\$6,300	\$8,500	\$7,900



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

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BROOKLYN PUBLIC LIBRARY - 038

DEKALB BRANCH LIBRARY

Asset # : 13245

chitecture	Current Rep	pair	Futur	e Replacement	М	aintenance	
tem Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Exterior Walls		• - < 0.00		* *	_	** • • • • •	
Cast Stone/Terra Cotta	15% Now		LIFE		5	\$24,100	
	Jnt Mortar Miss/Erod, E Location : Cornice	ixtent : Moderate	, Area A	ffected : 25%			
		<i>Ф116 400</i>		* *		¢1= 100	
Masonry: Brick	83% Now	. ,	LIFE		5	\$17,100	1
	Cracking/Crumbling, Ex Location : Throughout		ea Affec	ted : 20%			
	Jnt Mortar Miss/Erod, E		Aroa	facted . 200%			
	Location : Throughout		, Area A	<i>Gjecieu</i> . 2078			
	Sidewalk Shed in Use, E		Area A	ffected · 30%			
	Location : Along Bush		леид	<i>Jeciea</i> . 5070			
Masonry: Sandstone	2% Now	\$7,100	LIFE	* *	5	\$300	1
-	Broken/Missing Elemen	ts, Extent : Severe	e, Area A	Affected : 20%			
	Location : Window Sil	ls					
	Jnt Mortar Miss/Erod, H	Extent : Severe, An	rea Affe	cted : 25%			
	Location : Window Sil	ls					
Windows							
Wood	100% Now	\$198,400	2054	* *	5	\$23,400	
	Air Infiltration, Extent : Location : Throughout		Affected	: 100%			
	Split/Cracked, Extent : 1 Location : Throughout	-	ffected .	: 50%			
	Water Penetration, Exte		ea Affe	cted · 20%			
	Location : Main Readi		00012550				
Parapets		0					
Cast Stone/Terra Cotta	23%		LIFE	* *	5-10	\$32,100	
	Staining/Discoloring, E	xtent : Light, Arec	ı Affecte	ed : 50%		-	
	Location : Throughout	<u>.</u>					
Masonry: Brick	75%		LIFE	* *	5-10	\$25,200	
Masonry: Limestone	2%		LIFE	* *	5-10	\$1,200	
D ()							
Roof			2057	* *	10	\$37,200	
Roof Copper/Terne	85%		2057			+ - ·)	
	5%		2057 2025	\$4,100	5	\$1,500	
Copper/Terne				\$4,100 \$31,300			
Copper/Terne Roll Roofing	5%		2025		5	\$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 # : 13245

Architecture		Current I	Repair	Futur	e Replacement	М	laintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
terior								
Floors						_		
Cast in Place Concrete	10%			LIFE	* *	5	\$7,800	
Ceramic Tile	5%			2032	* *	5	\$900 \$1,200	
Sheet Vinyl/Rubber	5% 80%	4+	\$137,300	2034 2039	* *	5 3	\$1,300 \$5,400	
Vinyl Tile			tent : Moderate, A			3	\$5,400	
			out Main Floor	cungee	104.5070			
		-	Extent : Moderate	, Area A	ffected : 20%			
	-	-	out Main Floor	· .	5			
		-	Moderate, Area Aj	fected :	50%			
	Locatior	: Through	out Main Floor					
Interior Walls								
Ceramic Tile	5%			2032	* *	5	\$900	
Concrete Masonry Unit	10%		\$2,200	LIFE	* *	5	\$700	
			xtent : Moderate, A	Area Affe	cted : 10%			
		n : Basemen	at and a second s					
Gypsum Board	15%			LIFE	* *	5-10	\$4,500	
Plaster		Now	\$10,300	LIFE	* *	5	\$3,400	
			Extent : Moderate					
			in Room, Technolo					
			xtent : Moderate, A In Room, Technolo					
Wood	5%	. Cusiouid		LIFE	* *	5	\$7,000	
Ceilings	570			LIFE		3	\$7,000	
AcousTile,Adhered	5%	4+	\$900	2049	* *	5	\$500	
1100001110,1000000		-	ents, Extent : Ligh		ffected : 5%	C	4000	
		: Through	-					
AcousTileSusp.Lay-In	25%			2034	* *	5	\$4,500	
Exposed Concrete	5%			LIFE	* *	5-10	\$1,100	
Plaster	65%	Now	\$8,700	LIFE	* *	5	\$7,400	
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 5%			
	Locatior	ı : Mezzanii	ne					
			xtent : Moderate, A	Area Affe	cted : 5%			
	Locatior	ı : Mezzanii	ne					
te Enclosure								
Fence/Gates	000/			2040	* *			
Iron Picket	80%			2049	* *			
Masonry: Brick	20%			2049	- e - 4			
Retaining Walls Masonry: Brick	100%	Now	\$11,100	2039	* *			
Mason y. Drick			Extent : Moderate		ffected : 10%			
	-	a : Area Wa		,				
			Extent : Moderate,	Area Af	fected : 10%			
	-	a : Area Wa		55				

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	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ite Pavements								
Public Sidewalk	100%			2024	* *			
Cast in Place Concrete			Extent : Light, Ard	2034				
	-	: Through	-	eu Ajjecii	eu . 570			
On-Site Walkways	Locanor	. Intough	0111					
Asphalt	25%			2032	* *			
Cast in Place Concrete	50%			2034	* *			
Pavers/Stone	25%	0-2	\$1,400	2032	* *			
	Jnt Morta	r Miss/Ero	d, Extent : Moderat	te, Area A	Affected : 10%			
	Location	n : Front St	eps					
Electrical		Current	Repair	Futur	e Replacement	M	aintenance	
System	% of		Estimated Cost		Estimated Cost			Drionit
Component	70 01 Total	(Years)	Estimated Cost	Y ear FY	Estimated Cost	(Yrs)	Estimated Cost	Priorit
Туре	Totur	(10115)		•••		(115)		
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2029	\$1,700	5	\$300	
			Extent : Light, Area	Affected	: 100%			
		i : Electrico		Durling	C			
Servital as an / Servital has and	Explana	tion : No A	vailable Nameplate	e Rating	Capacity			
Switchgear / Switchboard Molded Case Bkrs	100%			2029	\$36,500	5	\$300	
Molded Case BRIS			Extent : Light, Area			5	\$300	
		i : Electrico	-	ngjeereu	. 100/0			
	Explana	tion : 1- Ve	ertical Section					
Raceway	1							
Conduit	70%			2029	\$24,700	1		
Conduit	30%			2049	* *	1		
Panelboards								
Fused Disc Sw	5%			2028	\$800	5		
Molded Case Bkrs	65%			2028	\$11,000	5	\$200	
Molded Case Bkrs	30%			2045	* *	5	\$100	
Wiring								
Thermoplastic	30%			2049	* *	1		
Thermoplastic	70%			2029	\$21,900	1		
Motor Controllers	1000			0004		-	#1 00	
Locally Mounted	100%			2034	* *	5	\$100	
Ground								
Grounding Devices	1000/							
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

	ASSet # . 1	5245				
Electrical	Current Repair	Future	Replacement	М	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ighting						
Interior Lighting	100/		.		.	
Fluorescent		2024	\$17,100	10	\$1,400	
	T-12 Lamps And Fixtures, Extent : Lig Location : Basement	ht, Area Af	fected : 100%			
Fluorescent	50%	2034	* *	10	\$5,800	
	T-5 Lamps And Fixtures, Extent : Light Location : Reading Areas	t, Area Affe	ected : 100%			
Fluorescent	30%	2034	* *	10	\$3,500	
	T-8 Lamps And Fixtures, Extent : Light Location : Basement And 1st Floor	t, Area Affe	ected : 100%			
Fluorescent	5%	2037	* *	10	\$600	
	Compact Fluorescent Light, Extent : La Location : Basement	ight, Area A	Affected : 100%			
LED	3%	2037	* *			
Egress Lighting						
Emergency, Battery	50%	2034	* *	10	\$1,500	
Exit, Service	50%	2034	* *	1		
Exterior Lighting	2 00 /		de de			
HID	30%	2034	* *	10		
No Component	70%					
larm Security System						
No Component	70%					
Generic	30%	2034	* *	1	\$1,400	
	Other Observation, Extent : Light, Area		: 100%		•) • •	
	Location : Outside And Inside					
	Explanation :					
	CCTV Surveillance Cameras					
Fire/Smoke Detection	1000/	2024	* *	1.2	#7 000	
Generic, Digital	100%	2034		1-3	\$7,800	
	Other Observation, Extent : Light, Area Location : Throughout The Building	а Ајјестеа .	: 100%			
	Explanation : Strobe Lights, Manual	Dull Statio	ns Smoka Datact	ore And I	Horns	
	Explanation : Strobe Lights, Manual	1 un siuno	ns, Smoke Delecto	JI'S AIIU I	101115	
lechanical	Current Repair	Future	Replacement	М	aintenance	
System Component	% of Fail Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priori
Туре	Total (Years)	FY		(Yrs)		
leating	1					1
Energy Source						
Natural Gas	100%	2039	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2034	* *	1	\$6,200	
	Other Observation, Extent : Light, Area	a 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.

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	1 1 101 10
Туре							
leating Distribution							
Hot Wtr Piping/Pump	100%		2037	* *	4	\$900	
Terminal Devices	10070		2037		-	\$700	
Air Handler	25%		2024	\$46,700	1	\$2,000	
Convector/Radiator	75%		2021	**	1	\$3,100	
Air Conditioning	1070		2001		1	\$5,100	
Energy Source							
Electricity	100%		2037	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	70%		2024	\$75,400	2	\$500	
Cooling							
		igerant, Extent : Light, Area A	Affected :	70%			
	Location	n : 2 Units On Roof					
Split Unit	15%		2024	\$42,600			
		igerant, Extent : Light, Area A		15%			
	Location	a : 3 Units. Various Locations					
No Component	15%						
Terminal Devices							
Fan Coil - 2 Pipe	15%		2024	\$32,300	1	\$600	
No Component	85%						
Heat Rejection							
Air Cooled Condenser	15%		2024	\$3,400	2	\$1,300	
Unit							
No Component	85%						
entilation							
Distribution	1000/		LIPP	* *	2.5	¢11 100	
Ductwork/Diffusers	100%		LIFE	• •	2-5	\$11,100	
Exhaust Fans Interior	30%		2024	\$14 200	n	\$100	
Roof	50% 70%		2024	\$14,200 \$15,500	2 2	\$300	
lumbing	/070		2024	\$15,500	Z	\$300	
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater	10070		2037		1		
Gas Fired	100%		2027	\$8,100	2	\$200	
Sanitary Piping	10070			\$0,100	-	4200	
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
/ertical 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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

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	: 21-Mar-2013	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1		
Block	: 6302 Lot : 36	BIN	: 3164019

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$483,900	
Interior Architecture		\$106,800
Electrical	\$80,400	\$77,800
Mechanical		\$272,000
Total	\$564,300	\$456,500
Importance Code A	\$483,900	
Importance Code B	\$80,400	\$456,500
Total	\$564,300	\$456,500

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture				
Interior Architecture	\$30,500	\$1,500	\$300	\$200
Electrical	\$7,600	\$500	\$9,900	\$10,800
Mechanical	\$2,100	\$900	\$6,900	\$800
Total	\$40,200	\$3,000	\$17,200	\$11,800
Importance Code A	\$400	\$400	\$400	\$400
Importance Code B	\$39,800	\$2,600	\$16,800	\$11,200
Importance Code C				\$200
Total	\$40,200	\$3,000	\$17,200	\$11,800



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

chitecture		Current I	Repair	Futur	e Replacement	М		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	\$10,000	
Masonry: Brick	85%			LIFE	* *	5	\$11,300	
Windows Aluminum	100%	4+	\$46,800	2049	* *	5	\$500	
Aluminum	Caulking L Location	Deteriorate : Through	ed, Extent : Light, A	Area Affe	cted : 15%	5	\$200	
		: Through		irea rijje				
		-	en Metal Security (Gates				
Roof								
Single Ply Membrane	Location	ctent : Moo : Through						
	Location	: Through						
	-	n/Split, Ex : Through	ctent : Moderate, A out	rea Affec	rted : 15%			
		etration, E : Through	Extent : Moderate, A out	Area Affe	cted : 30%			
erior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$1,500	
Ceramic Tile	5%			2027	\$13,500	5	\$700	
Vinyl Tile	90%			2024	\$106,800	3	\$4,500	
Interior Walls Ceramic Tile	10%			2033	* *	5	\$400	
Concrete Masonry Unit				LIFE	* *	5 5	\$400 \$1,500	
Concrete Masonry Onit		acks. Exte	ent : Light, Area Af		0%	5	\$1,500	
		: Through	0 00		0,0			
Ceilings		0						
AcousTileSusp.Lay-In	90%	0-2	\$30,500	2037	* *	5	\$6,100	
	Location	: Kitchen,	ents, Extent : Mod Work Room, Meet	erate, Ar ing Roon	1			
	Location	: Kitchen,	, Extent : Severe, A Work Room, Meet	ing Roon	ı			
			xtent : Moderate, A Work Room, Meet					
Gypsum Board	5%			LIFE	* *	5	\$800	
	5%			LIFE		5		

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.

BROOKLYN PUBLIC LIBRARY - 038

DYKER BRANCH LIBRARY

Asset # : 13246

Electrical		Current Repair	Futur	e Replacement	М	laintenance	
System Component	% of	Fail Date Estimate	ed Cost Year	Estimated Cost	•	Estimated Cost	Priorit
Туре	Total	(Years)	FY		(Yrs)		
Inder 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2024	\$1,500	5	\$200	
		ervation, Extent : Mo			U	\$ _ 00	
		: Electrical Room	, 55				
	Explana	tion : One 400 Amper	res Main Disconn	ect Switch			
Switchgear / Switchboard	1	1					
Molded Case Bkrs	100%		2024	\$33,500	5	\$200	
Raceway				-			
Conduit	90%		2024	\$29,200	1		
Conduit	10%		2044	* *	1		
Panelboards							
Fused Disc Sw	5%		2023	\$800	5		
Fused Disc Sw	5%		2046	* *	5		
Molded Case Bkrs	60%		2023	\$9,300	5	\$100	
Molded Case Bkrs	30%		2046	* *	5	\$100	
Wiring							
Thermoplastic	70%		2024	\$20,100	1		
Thermoplastic	30%		2050	* *	1		
Motor Controllers							
Locally Mounted	60%		2022	\$9,400	5		
Locally Mounted	40%		2041	* *	5		
fround							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
ighting							
Interior Lighting							
Fluorescent	98%		2029	\$76,200	10	\$6,700	
		ervation, Extent : Lig		: 100%			
		a : Throughout The Ba	uilding				
		tion : T-8 Lamps					
Fluorescent	2%		2029	\$1,600	10	\$100	
		s And Fixtures, Exten	t : Moderate, Are	a Affected : 100%			
	Location	e : Front Desk					
Egress Lighting							
Emergency, Battery	50%		2029	\$5,200	10	\$900	
Exit, Service	50%		2029	\$600	1		
Exterior Lighting							
HID	100%		2029	\$29,300	10		
Alarm							
Security System							
No Component	70%						
Generic			57,000 2034	* *	1	\$800	
		vice, Extent : Moderd		: 100%			
	Locatior	: Throughout The B	uilding				
Fire/Smoke Detection							
Generic	100%		2020	\$80,400	1-3	\$4,800	

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

DYKER BRANCH LIBRARY Asset # : 13246

		Asset # : 13246							
Mechanical	(Current Repair	М						
System Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Ieating									
Energy Source									
Natural Gas	100%		2044	* *	1				
Conversion Equipment									
Hot Water Boiler	100%		2041	* *	1	\$3,700			
		ace Evident, Extent : Light,	Area Aff	ected : 100%					
		Boiler Room vation, Extent : Light, Area	Affacted	. 100%					
		Boiler Room	Ајјестеи	. 10070					
		n : (1) Gas Fired Hot Wate	r Boiler						
Distribution	Linpitintairio		Donei						
Hot Wtr Piping/Pump	100%		2040	* *	4	\$600			
Terminal Devices									
Air Handler	50%		2032	* *	1	\$2,300			
	-	ir Evident, Extent : Light, A							
	Location :	Suspended From First Floo	or Ceiling	3					
Convector/Radiator	50%		2037	* *	1	\$1,200			
ir Conditioning									
Energy Source	1000/		20.40	* *					
Electricity	100%		2040	* *	1				
Conversion Equipment Interior Pkg Unit -	100%		2028	\$272,000	r	\$500			
Cooling	10070		2028	\$272,000	2	\$300			
Heat Rejection									
Dry Cooler	100%		2032	* *	2	\$5,200			
entilation									
Distribution									
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,200			
Exhaust Fans					-				
Roof	100%		2029	\$12,100	2	\$200			
lumbing									
H/C Water Piping Brass/Copper	100%		2044	* *	1				
Water Heater	10070		2077		1				
Gas Fired	100%		2022	\$4,400	2	\$100			
Sanitary Piping				, - ~ ~		+			
Cast Iron	100%		LIFE	* *	1				
Storm Drain Piping			-		-		-		
Cast Iron	100%		LIFE	* *	1				
Sump Pump(s)									
Non-Submersible	100%		2029	\$1,100	4	\$200			
Backflow Preventer	1000/		2020	¢1.000	1	¢.c.o.o			
Generic	100%		2029	\$1,800	1	\$500			
Fixtures Generic	100%								
Utiltic	10070								

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

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name	: EAST FLATBUSH BRANCH LIBRAR		
Address	: 9612 CHURCH AVE. NEAR ROCKAW	AY PARKWAY	
Borough	: BROOKLYN	Agency's Number	: 36
Program / Asset #	: BPL0E36.000 / 13247	Yr Built/Renovated	: 1962 / 1999
Area Sq Ft	: 12,329	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 24-Oct-2017	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1		
Block	: 4717 Lot : 38	BIN	: 3103597

CAPITAL		FY 2020 - 2023		FY 2024 - 2029
Exterior Architecture		\$78,700		\$157,300
Electrical				\$48,200
Mechanical				\$410,300
Total		\$78,700		\$615,900
Importance Code A		\$78,700		\$157,300
Importance Code B				\$458,500
Total		\$78,700		\$615,900
EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$28,100		\$4,700	
Interior Architecture	\$47,200		\$5,500	\$2,600
Electrical	\$500	\$300	\$600	\$300
Mechanical	\$5,400	\$1,800	\$2,200	\$1,500
Total	\$81,200	\$2,200	\$13,000	\$4,400
Importance Code A	\$28,700	\$600	\$5,300	\$600
Importance Code B	\$34,800	\$1,600	\$7,700	\$3,800
Importance Code C	\$17,600			
Total	\$81,200	\$2,200	\$13,000	\$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.

Asset # : 13247

Architecture		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
Exterior								
Exterior Walls								
Concrete Masonry Unit	Location Staining/L Location Vegetation	nce, Extent : Lig : Throughout biscoloring, Exte : Throughout Growth, Exten : Throughout	ent : Light, Ar	ea Affect	ed : 10%	5	\$7,600	
Glass Block		Now	\$3,900	LIFE	* *	5	\$1,000	
Glass Diock	Jnt Mortan Location Water Pen	Miss/Erod, Ex. : Throughout etration, Extent : Throughout	tent : Modera	te, Area A		5	\$1,000	
Masonry: Brick	35%	0		LIFE	* *	5	\$10,700	
Metal Coiling Doors	10%			2034	* *	5	\$4,800	
Granite Panels	5%			LIFE	* *	5	\$1,100	
Parapets	•••						÷-,-••	
Concrete Masonry Unit	25%			LIFE	* *	5-10	\$2,000	
Metal Panel	5%			2049	* *	5	\$300	
Metal: Cage/Fence	70%			2042	* *	5-10	\$8,000	
Roof								
IRMA/Protected Membrane		Now	\$78,700	2029	\$157,300			
	Location	r/Miss, Extent : : Throughout						
		etration, Extent : First Floor	t : Moderate, A	Area Affe	cted : 10%			
Sloped Glazing	Caulking I Location Water Pen	Now Deteriorated, Ex : Throughout etration, Extent				5	\$28,200	
	Location	: Throughout						
Soffits								
Metal Panel	100%			2039	* *	5-10		
nterior								
Floors	100/			0000	قو	-	#1 <00	
Ceramic Tile	10%	0.2	004 0000	2038	* *	5	\$1,600	
Vinyl Tile	Location	0-2 Crumbling, Exte : Throughout ded, Extent : Mo		-	-	3	\$5,300	
		: Throughout		<u>-</u> jj e e reu				

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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#.1.	241				
Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total		Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Cast in Place Concrete	Water Per	Now netration, E n : Basemen	\$12,700 Extent : Moderate, A at	LIFE Area Affe	* * ected : 5%			
Concrete Masonry Unit	25%			LIFE	* *	5	\$3,100	
Gypsum Board	Cracking/ Location Water Per	: Front W	xtent : Moderate, 1	-	-	5	\$4,700	
Ceilings								
AcousTileSusp.Lay-In			, Extent : Light, Ar out	2042 ea Affect	* * ed : 2%	5	\$11,000	
Gypsum Board			\$300 Extent : Moderate	LIFE , Area Ą	* * ffected : 5%	5	\$2,000	
Plaster	Broken/M Location Cracking/ Location Water Per	e : Through Crumbling, e : Through	Extent : Moderate out Extent : Moderate, A	r, 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	ervation, E : Electrica	Extent : Light, Area 11 Room 600 Amperes	2039 Affected	* * 1 : 100%	5	\$100	
Switchgear / Switchboard Fused Disc Sw	100%			2039	* *	5	\$100	
Raceway								

Note : 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

Electrical	Current Repair	Future R	eplacement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)		stimated Cost		Estimated Cost	Priorit
Inder 600 Volts						
Panelboards						
Fused Disc Sw	5%	2037	* *	5		
Molded Case Bkrs	95%	2037	* *	5	\$300	
Wiring						
Thermoplastic	100%	2039	* *	1		
Motor Controllers	1000/	2024	ata ata	-	¢100	
Locally Mounted	100%	2034	* *	5	\$100	
bround						
Grounding Devices Generic	1000/	LIEE	* *	5	\$400	
	100%	LIFE		5	\$400	
ighting Interior Lighting						
Fluorescent	10%	2037	* *	10	\$1,100	
1 horeseent	T-8 Lamps And Fixtures, Extent		ed : 100%	10	\$1,100	
	Location : Basement	1 218111, 111001120000				
LED	90%	2037	* *			
Egress Lighting	9070	2037				
Emergency, Battery	50%	2029	\$8,600	10	\$1,500	
Exit, Service	50%	2029	\$900	1	\$1,500	
Exterior Lighting	2070	202)	\$700	1		
HID	100%	2029	\$48,200	10		
larm			+ -)	-		
Security System						
No Component	70%					
Generic	30%	2034	* *	1	\$1,400	
	Other Observation, Extent : Lig		00%			
	Location : Throughout The Bu	-				
	Explanation : CCTV Surveilla	nce Cameras, Intrus	ion Alarm And	Motion S	Sensor	
Fire/Smoke Detection	700/					
No Component	70%	2024	ىك بك	1.2	#2 2 00	
Generic, Digital	30%	2034	* *	1-3	\$2,300	
lechanical	Current Repair	Euture R	eplacement	м	aintenance	
System			-			D · · ·
Component	% of Fail Date Estimate Total (Years)	d Cost Year Es FY	stimated Cost	-	Estimated Cost	Priori
Туре	Total (Years)	F I		(Yrs)		
eating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2034	* *	1	\$6,100	
	Other Observation, Extent : Light		00%			
	Location : Basement Boiler Ro	oom				
	Explanation : One Unit					
Distribution	1000/	0007	ىك باب	4	#000	
Hot Wtr Piping/Pump	100%	2037	* *	4	\$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)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ieating			-				
Terminal Devices							
Air Handler	70%		2029	\$117,700	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	\$254,300	2	\$800	
Heating/Cooling							
		gerant, Extent : Light, Area A	ffected :	100%			
	Location	: 2 Units. Basement					
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,900	
Exhaust Fans							
Interior	90%		2029	\$38,300	2	\$300	
Roof		Now \$100	2029	\$2,000	2		
		ice, Extent : Severe, Area Af		00%			
	Location	: Restroom Exhaust Fans. Re	oof				
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater							
Gas Fired	100%		2027	\$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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	 : 1044 EAS : BROOKI : BPL0E37 : 15,901 : 24-Jun-2 	7.000 / 13248		: 37 : 1914 / 2005 : BROOKLYN PUBLIC LIBRARY : NONE : 3037543			
DIOCK	. 1370	Lot . O	DIN	. 3037343			
CAPITAL			FY 2020 - 2023		FY 2024 - 2029		
Exterior Architect	ture		\$117,800		\$77,400		
Electrical			\$170,600		\$218,800		
Mechanical					\$305,100		
Total			\$288,300		\$601,300		
Importance Code	А		\$117,800		\$77,400		
Importance Code	В		\$170,600		\$524,000		
Total			\$288,300		\$601,300		
EXPENSE		FY 2020	FY 2021	FY 2022	FY 2023		
Exterior Architect	ture	\$30,600					
Interior Architect	ure	\$12,500	\$1,500		\$2,500		
Electrical		\$23,800	\$10,200	\$1,500	\$1,800		
Mechanical		\$1,900	\$1,700	\$9,200	\$1,900		
Elevators/Escalate	ors	\$3,900	\$3,900	\$3,900	\$3,900		
Total		\$72,700	\$17,300	\$14,600	\$10,200		
Importance Code	А	\$31,400	\$1,000	\$800	\$800		
Importance Code	В	\$41,300	\$16,300	\$13,800	\$9,400		
Importance Code	С						
Total		\$72,700	\$17,300	\$14,600	\$10,200		



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 # : 13248

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
xterior								-
Exterior Walls								
Masonry: Brick	5%			LIFE	* *	5	\$1,100	
Masonry: Granite	5%	Now	\$2,700	LIFE	* *	5	\$800	
·		^r Miss/Erod : Through	l, Extent : Light, A out	rea Affec	eted : 15%			
Masonry: Limestone	85%	Now	\$117,800	LIFE	* *	5	\$14,100	
Masoni y. Emiesche	Jnt Morta		l, Extent : Moderat		Affected : 15%	5	ψ1,100	
Stucco Cement	5%	Now	\$3,300	2031	* *	5	\$1,400	
	-	Crumbling, : Chimney	Extent : Severe, A	rea Affeo	cted : 15%			
Windows								
Steel	5%			2025	\$16,000	5	\$3,700	
	-	Inefficient, : Through	, Extent : Moderate out	e, Area A	ffected : 100%			
Wood	95%			2034	* *	5	\$56,200	
	Location Thermally	: Through Inefficient,	Extent : Moderate					
Demonster	Location	: Through	out					
Parapets Masonry: Brick	50%	Now	\$7,700	LIFE	* *	5	\$1,300	
Masoni y. Dick	Loose/Del		, Extent : Light, Ar			5	\$1,500	
Masonry: Limestone	50%			LIFE	* *	5	\$1,600	
		led, Extent : Through	: Light, Area Affeo out		0%		. ,	
Roof						_		
Roll Roofing	100%			2025	\$77,400	5	\$30,200	
iterior								
Floors	=0 /			1 100	به والد	-	#2 < 0.0	
Cast in Place Concrete	5%			LIFE	* *	5	\$2,600	
Traffic Topping	10%		* •••••	2031	* *	5	\$3,000	
Vinyl Tile		Now	\$8,900	2031	**	3	\$7,600	
	-	Crumbling, : Through	Extent : Moderate out	r, Area A	ffected : 15%			
Interior Walls						_	.	
Concrete Masonry Unit	5%			LIFE	* *	5	\$400	
Gypsum Board	15%			LIFE	* *	5	\$1,800	
Plaster	70%			LIFE	* *	5	\$4,200	
SGFT/Glazed Masonry	10%			LIFE	* *			
		ervation, E :1st And 2	Extent : Light, Area 2nd Floors	Affected	! : 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 # : 13248

Architactura				- Danlas	_		
Architecture		Current Repair		e Replacement		aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
iterior	•						
Ceilings	000/		••••		-	¢12.400	
AcousTileConcealSpL		Now \$3,600	2039	* *	5	\$13,400	
		ssing Elements, Extent : Lig : At Entry Vestibule	nı, Area A	jjecied : 5%			
Plaster	10%	. In Linity vestibule	LIFE	* *	5	\$1.500	
Plaster	1070		LIFE		5	\$1,500	
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
Inder 600 Volts	•						
Service Equipment							
Molded Case Bkrs	100%		2026	\$1,500	5	\$400	
		ervation, Extent : Light, Area	a Affected	: 100%			
		: Electrical Room					
Switchgear / Switchboard	Explanat	ion : 500 Amperes Service					
Molded Case Bkrs	100%		2026	\$33,500	5	\$400	
Raceway	10070		2020	\$55,500	5	φ100	
Conduit	95%		2026	\$30,800	1		
Conduit	5%		2036	* *	1		
Panelboards							
Molded Case Bkrs	95%		2025	\$14,700	5	\$400	
Molded Case Bkrs	5%		2034	* *	5		
Wiring Braided Cloth	80%	0-2 \$23,000	2051	* *	1		
Braided Cloth		0-2 \$23,000 Aged, Extent : Light, Area A			1		
		: Throughout The Building	gjeereu . I	0070			
Thermoplastic	20%	0 0	2036	* *	1		
bround	2070		2050		1		
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
ighting							
Interior Lighting	-			• .		•	
Fluorescent	95%		2026	\$156,600	10	\$13,900	
		s And Fixtures, Extent : Lig : Throughout The Building	nt, Area A	<i>]</i> jected : 100%			
Incandescent	5%	. Intougnout the Dutuing	2021	\$8,200	2		
Egress Lighting	570		2021	ψ0,200	4		
Exit, LED	30%		2041	* *	1		
Exit, Service	40%		2026	\$900	1		
Exit, Battery	30%		2026	\$2,300	10	\$300	
Exterior Lighting							
HID	100%		2026	\$62,200	10		

Alarm

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

Asset # : 13248

		Assel # 13	240				
Electrical		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
Alarm							
Security System							
Generic	100%		2031	* *	1	\$5,900	
	Location	ervation, Extent : Light, Area : Throughout The Building tion : CCTV Only	Affected	: 100%			
Fire/Smoke Detection							
Generic, Analog	Location	0-2 \$170,600 ervation, Extent : Light, Area : Throughout The Building tion : Outdated - Very Old Fir			1-3	\$8,900	
Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)		Estimated Cost		Estimated Cost	Priorit
Heating							
Energy Source							
Electricity	30%		2046	* *	1		
Ş	Other Obs	ervation, Extent : Light, Area	Affected	: 100%			
	Location	_	00				
	Explanat	tion : Electric Coil In Roof To	p Unit				
Natural Gas	70%		2046	* *	1		
Conversion Equipment							
Furnace	30%		2026	\$10,900	1	\$2,400	
Hot Water Boiler	70%		2031	* *	1	\$5,500	
Distribution							
Ductwork/Diffusers	50%		LIFE	* *	2-5	\$4,400	
Hot Wtr Piping/Pump	50%		2042	* *	4	\$400	
Terminal Devices							
Air Handler	70%		2026	\$151,800	1	\$6,900	
Convector/Radiator	30%		2031	* *	1	\$1,500	
Air Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		
Conversion Equipment				A =			
Exterior Pkg Unit -	30%		2026	\$37,500	2	\$300	
Cooling	(00)		2026	Ø115 000	~	<i></i>	
Ext Pkg Unit -	60%		2026	\$115,900	2	\$600	
Heating/Cooling	100/		2021	* *			
Split Unit	10%		2031	·r · T			
Distribution Ductwork/Diffusers	100%		LIEE	* *	2	\$20,700	
	100%		LIFE		2	\$20,700	
Terminal Devices Air Handler/Dir	10%		2026	¢17 200	1		
Expansion	10%		2020	\$17,200	1		
No Component	90%						
Ventilation	7070						

Ventilation

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

Asset # : 13248

	A3501 // 1					
Mechanical	Current Repair	Future	Replacement	Μ		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
entilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$8,900	
Exhaust Fans			de ale			
Roof	100%	2031	* *	2	\$500	
Plumbing						
H/C Water Piping	1000/	2046	* *	1		
Brass/Copper Water Heater	100%	2046	4. 4.	1		
Gas Fired	100%	2024	\$9,400	2	\$200	
Gas Filed	Other Observation, Extent : Light, A			2	\$200	
	Location : Boiler Room	геи Ајјестеи	. 10070			
	Explanation : 1 - 40 Gallon Unit					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	10070	LIIL		1		
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2031	* *	4	\$300	
Sewage Ejector(s)						
Compressed Air	100%	2046	* *	4	\$200	
Backflow Preventer						
No Component	90%					
Generic	10%	2031	* *	1	\$100	
	Other Observation, Extent : Light, A	rea Affected	: 10%			
	Location : Boiler Room					
	Explanation : Boilers Only					
Fixtures						
Generic	100%					
ertical Transport						
Elevators			.aa.			
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Light, A	rea 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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address Borough Program / Asset #	22 LINDEBROOKLBPL0003.0	YN		BUSH AVE - BEDFORI Agency's Number Yr Built/Renovated	: 38 : 1905 / 2014
Area Sq Ft Date of Survey	: 21,790 : 12-May-20)15		Project Type Landmark Status	: BROOKLYN PUBLIC LIBRARY : NONE
Areas Surveyed	-/	Roof, Floors 1.	,2m,2		
Block	: 5086	Lot :	15	BIN	: 3116706
CAPITAL				FY 2020 - 2023	FY 2024 - 2029
Exterior Architec	ture			\$193,600	
Interior Architect	ure				\$27,100
Mechanical					\$483,100
Total				\$193,600	\$510,200
Importance Code	А			\$193,600	
Importance Code	В				\$510,200

Total		\$193,600		\$510,200
EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$11,200	\$21,600		
Interior Architecture	\$2,300		\$2,900	\$400
Electrical	\$500	\$20,800	\$700	\$400
Mechanical	\$8,800	\$4,600	\$10,000	\$4,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$26,700	\$50,900	\$17,600	\$9,300
Importance Code A	\$12,300	\$22,700	\$1,100	\$1,100
Importance Code B	\$13,300	\$28,200	\$16,500	\$8,200
Importance Code C	\$1,200			
Total	\$26,700	\$50,900	\$17,600	\$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.

Asset # : 4202

Architecture		Current Repair Future Replacemen			e Replacement	ent Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick		Now	\$144,800	LIFE	* *	5	\$23,200	
	-	Crumbling, : Southwe	Extent : Moderate	e, Area A	ffected : 20%			
			si Exii tent : Moderate, Ai	roa Affac	tod · 10%			
	-	: South Fa		eu Ajjec	ieu . 1070			
			ent : Moderate, Are	a Affecte	ed : 10%			
		: Chimney						
Masonry: Limestone	5%	2		LIFE	* *	5	\$1,000	
Pre-Cast Concrete		Now	\$9,300	LIFE	* *	5	\$8,900	
			d, Extent : Moderat		Affected : 25%	-	<i>v -)</i>	
	Location	: Building	Base					
	Open Join	ts, Extent :	Moderate, Area Aj	ffected :	25%			
	Location	: Building	Base					
Windows			* 40,000			_	†• • • • •	
Aluminum		Now	\$48,800	2042	* *	5	\$2,800	
		ssing Elen: Through :	ents, Extent : Ligh	t, Area A	ffected : 10%			
		-	oui ct, Extent : Moderd	ato Aroa	Affacted · 20%			
		: Through		ие, лгеи	Affecteu : 2070			
Glass Block	2%	0		LIFE	* *	5	\$100	
Metal Louvers		Now	\$1,900	2029	\$9,300	5	\$100	
			xtent : Moderate, A					
		: South Fo						
	Deteriorat	ed Finish,	Extent : Moderate,	Area Af	fected : 20%			
	Location	: South Fa	ıcade					
Parapets								
Masonry: Brick	90%			LIFE	* *	5	\$5,800	
Metal Panel	5%			2046	* *	5	\$1,300	
Pre-Cast Concrete	5%			LIFE	~ ~	5	\$2,000	
Roof Built-Up (BUR)	93%			2031	* *	10	\$21,000	
Skylight, Metal/Glass	93% 5%			2031	* *	10	\$21,000	
Skylight, Metal/Glass	2%			2040	* *	10	\$1,500	
nterior	270			2050		10	\$1,500	
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$3,400	
Ceramic Tile	5%			2035	* *	5	\$1,500	
Terrazzo	5%			LIFE	* *	5	\$1,200	
Vinyl Tile	75%			2031	* *	3	\$8,700	
Vinyl Tile	10%			2026	\$27,100	3	\$1,500	

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 # : 4202

			A5501#.4				aintenance	
Architecture	Current Repair			Futur	e Replacement	М		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nterior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	\$2,300	
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,900	
Glass: Single Pane	5%			LIFE	* *	5	\$1,700	
Gypsum Board	10%			LIFE	* *	5	\$2,800	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	\$7,700	
Plaster	5%			LIFE	* *	5	\$700	
Ceilings								
AcousTileSusp.Lay-In	25%			2039	* *	5	\$7,700	
Gypsum Board	10%			LIFE	* *	5	\$3,800	
Plaster	65%			LIFE	* *	5	\$12,500	
Electrical		Cumo et l		-		M	-!	
		Current F			e Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts				-				
Service Equipment Fused Disc Sw	100%			2046	* *	5	\$100	
	Location	a : Electrica						
	Explana	tion : One	1200 Amperes Mai	n Discon	nect Switch			
Switchgear / Switchboard	(00/			2046	* *	-	¢100	
Fused Disc Sw	60%			2046	* *	5	\$100	
Molded Case Bkrs	40%			2036	* *	5	\$200	
Raceway								
Conduit	70%			2026	\$22,700	1		
Conduit	30%			2046	* *	1		
Panelboards							•	
Fused Disc Sw	10%			2042	* *	5	\$100	
Molded Case Bkrs	70%			2042	* *	5	\$400	
Molded Case Bkrs	20%			2025	\$4,600	5	\$100	
Wiring								
Thermoplastic	80%			2046	* *	1		
Thermoplastic	20%			2026	\$5,700	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	\$100	
fround								
Grounding Devices								
Generic	50%			LIFE	* *	5	\$200	
Generic	50%			LIFE	* *	5	\$200	
			Extent : Moderate, A	Area Affe	ected : 100%			
		n : Basemen						
	Explana	tion : Wate	r Main					

Lighting

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 # : 4202

		Asset # : 4/	202				
Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ighting							
Interior Lighting							
Fluorescent	77%		2031	* *	10	\$15,400	
		rvation, Extent : Light, Area	Affected	: 100%			
		Throughout					
	-	on : T-8 Lamps					
Fluorescent	20%		2031	* *	10	\$4,000	
		rvation, Extent : Light, Area					
		² 2nd Floor Hallway, Baseme	ent Stora	ge And Hallway			
	Explanation	on : T-5 Lamps					
Incandescent	3%		2031	* *	2		
Egress Lighting							
Exit, Service	50%		2031	* *	1		
Exit, Battery	50%		2031	* *	10	\$700	
Exterior Lighting							
HID	100%		2031	* *	10	\$100	
larm							
Security System	000/						
No Component	80%		2021	* *	1	¢1 (00	
Generic	20%		2031		1	\$1,600	
Fire/Smoke Detection	80%						
No Component Generic, Analog	80% 20%		2031	* *	1-3	\$2,700	
Generic, Analog	2070		2031		1-5	\$2,700	
Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
leating							
Energy Source							
Natural Gas	100%		2036	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2043	* *	1	\$10,800	
		rvation, Extent : Light, Area	Affected	: 100%			
		Basement					
	Explanation	on : One Unit					
Distribution							
Hot Wtr Piping/Pump	100%		2048	* *	4	\$1,600	
	-	lace Evident, Extent : Light,	Area Affe	ected : 100%			
<u> </u>	Location :	Basement					
Terminal Devices	400/		2026	¢110.000	1	Φ <i>Γ</i> 400	
Air Handler	40%		2026	\$118,900 * *	1	\$5,400 \$2,700	
Air Handler	20%		2034	* *	1	\$2,700	
Convector/Radiator	40%		2031	~ ~	1	\$2,800	
ir Conditioning							
Energy Source	100%		2042	* *			

* *

1

2042

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

100%

Electricity

Asset # : 4202

Mechanical	Current Repair			e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimate (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Air Conditioning							
Conversion Equipment Reciprocating Compr/Chiller	100%		2026	\$179,400	1	\$10,100	
compi/ennier		erant, Extent : Ligh : Basement	t, Area Affected :	100%			
Distribution							
CW & CHW Wtr Pipe/Pump	80%		2036	* *	4	\$1,300	
No Component	20%						
Terminal Devices							
Air Handler/Cool/Ht	60%		2026	\$142,200	1	\$8,100	
Air Handler/Cool/Ht	20%		2031	* *	1	\$2,700	
Fan Coil - 4 Pipe	20%		2031	* *	1	\$1,400	
Heat Rejection Air Cooled Condenser	100%		2026	\$42,600	2	\$15,200	
Unit							
entilation							
Distribution	1000/						
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$12,200	
Exhaust Fans	1000/		2024	ala ala	•	#7 00	
Roof	100%		2034	* *	2	\$700	
lumbing							
H/C Water Piping	200/		2026	* *	1		
Brass/Copper	20% 80%		2036 2031	* *	1		
Galvanized Steel	80%		2031		1		
Water Heater	1000/		2025	¢10 (00	4	\$200	
Electric	100%	lace Evident, Extent	2025	\$18,600	4	\$200	
	-	iace Eviaeni, Exieni : Basement	. Ligni, Area Ajj	eciea . 100%			
Constant Pining	Locuiton	Dusemeni					
Sanitary Piping Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070		LIFE		1		
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	10070		LIFE		1		
Non-Submersible	100%		2034	* *	4	\$500	
Non-Submersible	Recent Rep	lace Evident, Extent : Basement		ected : 100%	т	\$500	
Sewage Ejector(s)							
Electric	100%		2026	\$6,100	4	\$900	
Backflow Preventer	10070		2020	ψ0,100	r	φ700	
Generic	100%	0-2	\$300 2034	* *	1	\$1,200	
		rvation, Extent : Lig : Basement	т, агеа Ајјесћед	. 100%			
		оп : Slight Leak					
Fixtures	елріанан	on . Sugni Leak					
Generic	100%						
Tertical Transport	10070						

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 # : 4202

Mechanical	Current Repair	Future Replaceme	nt	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated C FY	ost Cy (Yi	cle Estimated Cost (s)	Priority
Vertical Transport					
Elevators					
Hydraulic	100%	LIFE	* *		
-	Other Observation, Extent : 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.

BROOKLYN PUBLIC LIBRARY - FY 2019 Print Date: 17-Sep-2018

Asset Name	: FLATLANDS BRANCH LIBRARY		
Address	: 2065 FLATBUSH AVENUE @AVENU	E P	
Borough	: BROOKLYN	Agency's Number	: 39
Program / Asset #	: BPL0F39.000 / 13249	Yr Built/Renovated	: 1969 / 2003
Area Sq Ft	: 12,028	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 27-Oct-2017	Landmark Status	: NONE
Areas Surveyed	· Roof, Floors 1,Mez		
Block	: 7868 Lot : 39	BIN	: 3219626

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$312,700
Mechanical		\$236,100
Total		\$548,800
Importance Code A		\$312,700
Importance Code B		\$236,100
Total		\$548,800

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$40,200		\$19,600	
Interior Architecture	\$51,200		\$8,400	\$900
Electrical	\$500	\$400	\$500	\$600
Mechanical	\$4,900	\$1,300	\$1,900	\$1,200
Site Pavements	\$16,500			
Total	\$113,300	\$1,800	\$30,500	\$2,600
Importance Code A	\$40,800	\$600	\$20,200	\$600
Importance Code B	\$47,900	\$1,200	\$10,200	\$1,600
				* 100
Importance Code C	\$24,600			\$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 # : 13249

Architecture		Current Repair Future Replaceme		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								
Concrete Masonry Unit	10%			LIFE	* *	5	\$2,300	
Masonry: Brick	87%			LIFE	* *	5	\$31,900	
Pre-Cast Concrete	3%	Now	\$1,900	LIFE	* *	5	\$1,800	
		r Miss/Erod : Window	l, Extent : Moderat Sills	te, Area A	Affected : 50%			
Windows								
Glass Block	50%			LIFE	* *	5	\$3,900	
Steel	50%			2037	* *	5	\$39,300	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	\$17,300	
Metal Panel		Now	\$4,500	2049	* *	5	\$500	
		-	ents, Extent : Seve oping At East Side	re, Area	Affected : 25%			
Roof								
Modified Bitumen	25%			2034	* *	10	\$7,400	
Modified Bitumen	75%			2029	\$312,700	10	\$22,300	
Soffits								
Metal Panel	100%			2049	* *	5-10		
nterior								
Floors								
Ceramic Tile	5%			2038	* *	5	\$900	
Vinyl Tile	95%			2034	* *	3	\$6,400	
Interior Walls						_	****	
Ceramic Tile	5%			2038	* *	5	\$800	
Gypsum Board	95%			LIFE	* *	5-10	\$26,400	
Ceilings								
AcousTileConcealSpLn		Now	\$30,200	2049	* *	5	\$2,300	
		issing Elem : Mezzanii	ents, Extent : Mod 1e	erate, Ar	ea Affected : 20%			
	-	Crumbling, : Mezzanii	Extent : Moderate 1e	, Area Aj	ffected : 25%			
AcousTileSusp.Lay-In	70%			2042	* *	5	\$12,600	
Gypsum Board	10%			LIFE	* *	5-10	\$6,200	
ite Enclosure							*	
Fence/Gates								
Chain Link	100%			2039	* *			
ite Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	\$9,000	2042	* *			
	0	Crumbling, : Troy Ave	Extent : Moderate enue	, Area Aj	ffected : 20%			
On-Site Walkways								
Cast in Place Concrete	100%	4+	\$800	2042	* *			
	Cracking/	Crumbling,	Extent : Moderate	, Area Aj	ffected : 5%			
	T	F (0)	Building - Flatbus					

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

			A5561#.15					
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	Priori
ite Pavements Parking/Driveway Asphalt	Cracking/	Now Crumbling, a : Rear Of	\$6,700 Extent : Moderate Building	2032 , Area Aj	* * ffected : 20%			
lectrical		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	Priori
nder 600 Volts Service Equipment Fused Disc Sw	Location	a : Electrica	xtent : Light, Area Il Room Service Switch Ra			5	\$100	
Switchgear / Switchboard Molded Case Bkrs	100%			2029	\$33,500	5	\$300	
Raceway Conduit Conduit	90% 10%			2029 2049	\$29,200 * *	1 1		
Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	5% 20% 75%			2028 2045 2028	\$800 * * \$11,600	5 5 5	\$100 \$200	
Wiring Thermoplastic Thermoplastic	80% 20%			2029 2049	\$23,000 * *	1	¢ 2 00	
Motor Controllers Locally Mounted	100%			2027	\$31,300	5	\$100	
ound Grounding Devices Not Accessible	100%							
ghting Interior Lighting LED	Location	: Through	xtent : Light, Area out The Building Light Fixtures	2037 Affected	* *			
Egress Lighting Emergency, Battery Exit, Service	50% 50%			2037 2037	* * * *	10 1	\$1,500	
Exterior Lighting LED	Location	ervation, E 1 : Front Or tion : LED	-	2037 Affected	* *			
No Component	90%		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. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

Asset #: 13249

		A5561#.13	243				
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	Priorit
larm							
Security System	1000/		2027	* *	1	¢4.500	
Generic	100% Other Ob	servation, Extent : Light, Area	2037		1	\$4,500	
		ervation, Extent ? Light, Area i : Inside And Outside	Ајјесіец	100%			
		tion : CCTV Surveillance Can	ieras, In	trusion Alarm, Mot	tion Sens	ors And Panic	
	Doors		<i>.</i>				
Mechanical		Current Repair	Euto	e Replacement	M	aintenance	
System	0/ 6						D • •/
Component	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Туре	Total	(Tears)	1.1		(113)		
Ieating							
Energy Source	1000/		2040	* *	1		
Natural Gas	100%		2049	* *	1		
Conversion Equipment Furnace	40%		2029	\$11,000	1	\$2,400	
1 unace		ervation, Extent : Light, Area			1	\$2,400	
	Location	-	1.jjeered				
		tion : 2 Rooftop Package Unit	S				
Hot Water Boiler	60%		2034	* *	1	\$3,600	
		servation, Extent : Light, Area		! : 60%			
	Location	a : 1st Floor Boiler Room					
	Explana	tion : 1 Unit					
Distribution							
Hot Wtr Piping/Pump	60%		2037	* *	4	\$500	
No Component	40%						
Terminal Devices	200/		2020	¢ 40. 2 00	1	¢2 200	
Air Handler Convector/Radiator	30% 30%		2029 2027	\$49,200 \$18,700	1 1	\$2,200 \$1,200	
No Component	40%		2027	\$10,700	1	\$1,200	
ir Conditioning	-070						
Energy Source							
Electricity	100%		2037	* *	1		
Conversion Equipment							
Int Pkg Unit -	40%		2027	\$99,200	2	\$300	
Heating/Cooling							
	-	igerant, Extent : Light, Area A		40%			
	-	a : 1st Floor Mechanical Roon					
Ext Pkg Unit -	60%		2029	\$87,600	2	\$400	
Heating/Cooling	R_JJ Dofu	igerant, Extent : Light, Area A	focted .	60%			
		igerani, Exieni : Ligni, Area A i : 2 Units On Roof	jjecieu :	0070			
/entilation	Locuior	. 2 Onus On Rooj					
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,600	
	100/0					÷10,000	

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 # : 13249

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
entilation							
Exhaust Fans							
Interior	30%		2029	\$12,500	2	\$100	
Roof	70%		2029	\$13,600	2	\$300	
lumbing							
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater							
Gas Fired	100%		2024	\$7,100	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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address	: FORT HAMILTON BRANCH LIBRAF : 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	BIN	: 3155499

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$75,800
Total		\$75,800
Importance Code A		\$75,800
Total		\$75,800

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$27,100			\$3,500
Interior Architecture	\$30,700		\$1,200	\$900
Electrical	\$800	\$600	\$800	\$600
Mechanical	\$3,100	\$600	\$1,300	\$500
Total	\$61,700	\$1,200	\$3,300	\$5,500
Importance Code A	\$27,400	\$400	\$400	\$3,900
Importance Code B	\$24,700	\$800	\$2,900	\$1,100
Importance Code C	\$9,600			\$600
Total	\$61,700	\$1,200	\$3,300	\$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 # : 13250

		A5561#.13					
rchitecture		Current Repair	Futur	e Replacement	Μ	aintenance	
vstem	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cvcle	Estimated Cost	Priori
Component Type	Total	(Years)	FY		(Yrs)		-
terior							
Exterior Walls							
Masonry: Brick	90%		LIFE	* *	5	\$30,600	
Masonry: Limestone	5%	4+ \$1,900	LIFE	* *	5	\$600	
-	Cracking/C	Crumbling, Extent : Light, Ar	ea Affect	ed : 5%			
	Location	: Main Entrance					
Metal Panel	5%		2049	* *	5-10	\$5,800	
		ervation, Extent : Light, Area		: 100%			
	Location		55				
		on : Equipment Screen Wall					
Windows	1	1 1					
Aluminum	98%		2045	* *	5	\$2,000	
Metal Louvers	2%		2038	* *	10	\$300	
Parapets					-		
Masonry: Brick	20%		LIFE	* *	5-10	\$1,900	
Metal Panel	5%		2049	* *	5	\$300	
No Component	75%					•	
Roof							
Built-Up (BUR)	30%		2029	\$75,800	10	\$5,400	
Modified Bitumen	30%		2034	**	10	\$5,400	
Slate	40%		LIFE	* *	10	\$7,200	
Soffits							
Fiberglass Panel	100%		2038	* *	5	\$7,100	
terior							
Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$2,400	
Ceramic Tile	5%		2038	* *	5	\$600	
Slate	2%		LIFE	* *	5	\$500	
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	
	Staining/Di	iscoloring, Extent : Light, Ar	ea Affect	ed : 2%			
	Location	: At HVAC Ducts					
Plaster	70%		LIFE	* *	5-10	\$14,100	
Ceilings							
AcousTileSusp.Lay-In	35%	0-2 \$500	2042	* *	5	\$1,600	
	Staining/Di	iscoloring, Extent : Moderate	e, Area A	ffected : 5%			
	Location	: At HVAC Ducts					
Exposed Struc: Steel	5%		LIFE	* *	10	\$900	
Gypsum Board	15%		LIFE	* *	5-10	\$4,800	
Plaster	30%		LIFE	* *	5-10	\$4,800	
Wood	15%		LIFE	* *	5	\$24,300	
te Enclosure						,	
Fence/Gates							
Iron Picket	100%		2049	* *			

Note : 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	Futur	e Replacement	М	aintenance	
System	0/ 0							D • •
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/			20.42	* *			
Cast in Place Concrete	100%	Cuumhling	Entone Light An	2042				
		Crumbling, 1 : Through	Extent : Light, Are	ea Ajjecio	ea : 5%			
On-Site Walkways	Locuiton	. Inrougn	oui					
Cast in Place Concrete	75%			2046	* *			
Masonry: Granite	25%			LIFE	* *			
Parking/Driveway	2370			LIIL				
Asphalt	100%			2038	* *			
1								
Electrical		Current I	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)		
Jnder 600 Volts Service Equipment								
Fused Disc Sw	100%			2049	* *	5		
		ervation. E	Extent : Light, Area		1:100%	J		
		: Electrica	-	55				
	Explana	tion : One 4	400 Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5		
Raceway								
Conduit	100%			2049	* *	1		
Panelboards								
Fused Disc Sw	5%			2045	* *	5		
Molded Case Bkrs	95%			2045	* *	5	\$200	
Wiring								
Thermoplastic	100%			2049	* *	1		
Motor Controllers	1000/			0040	* *	_	¢100	
Locally Mounted	100%			2042	* *	5	\$100	
Ground								
Grounding Devices Generic	100%			LIFE	* *	5	\$200	
Received and the second se	10070			LIFE		5	\$200	
Lighting Interior Lighting								
Fluorescent	90%			2034	* *	10	\$6,100	
		s And Fixtu	res, Extent : Light,		fected : 100%	10	\$0,100	
	-		out The Building	· · · · · · jj				
	Locuiton		0					
Fluorescent				2034	* *	10	\$700	
Fluorescent	10%	ervation F	Extent : Light Area	2034 Affected		10	\$700	
Fluorescent	10% Other Obs	ervation, E 1 : First Fla	Extent : Light, Area			10	\$700	

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

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

Asset #: 13250

			Asset # : 13	6250				
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		
Jarm								
Security System								
No Component	30%							
Generic	70%			2034	* *	1	\$1,900	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *	1-3	\$4,500	
lechanical		Current	Repair	Futur	e Replacement	М	aintenance	
bystem	0/ 0							D · ·
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
eating								
Energy Source								
Natural Gas	100%			2049	* *	1		
Conversion Equipment								
Furnace	65%			2034	* *	1	\$2,400	
			Extent : Light, Area	Affected	: 65%			
	Location	-						
	Explana	tion : 2 Pac	ckage Units					
Hot Water Boiler	35%			2042	* *	1	\$1,300	
			Extent : Light, Area	Affected	: 35%			
	Location	a : Basemer	t Boiler Room					
	Explana	tion : 1 Un	it					
Distribution								
Hot Wtr Piping/Pump	35%			2045	* *	4	\$200	
No Component	65%							
Terminal Devices								
Convector/Radiator	35%			2042	* *	1	\$800	
No Component	65%							
ir Conditioning								
Energy Source	1000/			2045	* *	1		
Electricity	100%			2045		1		
Conversion Equipment	000/			2024	* *	2	¢ 400	
Ext Pkg Unit -	90%			2034	T	2	\$400	
Heating/Cooling	Othar Oh	privation L	Extent : Light, Area	Affected	. 90%			
	Location		мет . ыдт, Агеи	njjecieu				
			ckage Units. R-410	a				
			mage Oniis. K-410		* *			
Split Unit	10%		Private Links Amer	2034				
	Location		Extent : Light, Area	Ајјестеа	. 1070			
		-	its R_{-110a}					
	Елріапа	tion : 2 Un	us. N-4 10 <i>a</i>					

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	М	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	\$6,500	
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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

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

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$11,800	\$600	\$2,200	
Interior Architecture	\$24,700	\$1,100	\$2,100	
Electrical	\$3,000	\$500	\$700	\$600
Mechanical	\$4,400	\$1,300	\$1,900	\$1,600
Total	\$43,900	\$3,500	\$6,900	\$2,200
Importance Code A	\$12,300	\$1,100	\$2,700	\$500
Importance Code B	\$27,400	\$2,400	\$4,000	\$1,700
Importance Code C	\$4,200		\$100	
Total	\$43,900	\$3,500	\$6,900	\$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.

Asset # : 14459

Architecture	Current Rep	air Fi	ture Repla	cement	М	aintenance	
System	% of Fail Date Es		ar Estima			Estimated Cost	Priority
Component Type	Total (Years)	F		iicu Cosi	(Yrs)	Estimated Cost	THUIL
xterior							
Exterior Walls							
Cast Stone/Terra Cotta	2%	LI	Έ	* *	5	\$2,700	
Exposed Struc: Steel	2%	LI	Έ	* *	5	\$1,100	
	Paint Peeling, Extent : L Location : Throughout	ight, Area Affected :	25%				
Masonry: Brick	76%	LII	Έ	* *	5	\$13,200	
	Cracking/Crumbling, Ex Location : Throughout	tent : Light, Area Aff	ected : 5%				
Metal Panel	5%	204	9	* *	5-10	\$3,000	
	Painted Surfaces, Extent Location : Rear Of Bui		d : 10%				
Window Wall	15%	204	9	* *	5	\$4,900	
Windows							
Aluminum	99%	205		* *	5	\$1,300	
Metal Louvers	1%	203		* *	10	\$100	
	Deteriorated Finish, Exte Location : Front Of Bu		cted : 50%				
Parapets Cast Stone/Terra Cotta	100/	LI	'T'	* *	5 10	¢ 2 100	
Casi Sione/Terra Colla	10% Jnt Mortar Miss/Erod, E. Location : Throughout				5-10	\$2,100	
Masonry: Brick	40%	LII	'E	* *	5-10	\$2,100	
ination y Drive	Vertical Cracks, Extent : Location : West Side				5 10	ψ2,100	
No Component	50%						
Roof							
Asphalt Shingle	65%	204	2	* *	10	\$2,200	
Modified Bitumen	35%	203	34	* *	10	\$6,900	
Soffits							
Cement-Fiber Panel	90%	203		* *	10		
	Staining/Discoloring, Ex Location : Throughout	tent : Light, Area Afj	ected : 15%	6			
Exposed Struc: Steel	10%	LII	E	* *	5		
nterior							
Floors	- 0 /		-		-	.	
Cast in Place Concrete	5%	LIH		* *	5	\$3,100	
Ceramic Tile	5%	204		* *	5	\$700	
Vinyl Tile	90%	203	57	* *	3	\$4,800	
Interior Walls	5 0/	20		يات بال	-	#2 00	
Ceramic Tile	5%	204		* *	5	\$200 \$200	
Concrete Masonry Unit		LII		* *	5	\$200 \$< 100	
Gypsum Board	75%	LII		* *	5-10	\$6,100	
Masonry: Brick	15%	LIF	E	P	10	\$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 # : 14459

	Current Repair	Futur	e Replacement	М	aintenance	
% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
15%		2046	* *	5	\$2,100	
5%		LIFE	* *	10	\$1,400	
75%		LIFE	* *	10	\$15,900	
5%		LIFE	* *	5-10	\$2,400	
100%		2064	* *			
100%		2049	* *			
100%		2046	* *			
100%		2046	* *			
100%		2042	* *			
	Total 15% 5% 75% 5% 100% 100% 100%	% of Fail Date Estimated Cost Total (Years)	% of Total Fail Date (Years) Estimated Cost FY Year FY 15% 2046 5% LIFE 75% LIFE 5% 2064 100% 2064 100% 2046 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 ** 10 75% LIFE ** 10 5% LIFE ** 5-10 100% 2064 **	% of Total Fail Date (Years) Estimated Cost FY Cycle FY Estimated Cost (Yrs) Estimated Cost (Yrs) 15% 2046 ** 5 \$2,100 5% LIFE ** 10 \$1,400 75% LIFE ** 10 \$15,900 5% LIFE ** 5-10 \$2,400 100% 2064 ** - - 100% 2046 ** - - 100% 2046 ** - - 100% 2046 ** - -

Electrical	Current Repa	ir Future Rep	acement	М	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2039	* *	5		
	Other Observation, Exten	t : Light, Area Affected : 1009	%			
	Location : Electrical Ro	oom				
	Explanation : Main Serv	vice Disconnect Switch Rated	At 600 Amp	eres.		
Switchgear / Switchboard						
Molded Case Bkrs	100%	2039	* *	5	\$300	
	Other Observation, Exten	t : Light, Area Affected : 1009	%			
	Location : Electrical Ro	oom				
	Explanation : 1- Vertica	l Section				
Raceway						
Conduit	100%	2039	* *	1		
Panelboards						
Fused Disc Sw	5%	2037	* *	5		
Molded Case Bkrs	95%	2037	* *	5	\$300	
Wiring						
Thermoplastic	100%	2039	* *	1		
Motor Controllers						
Locally Mounted	100%	2034	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
Lighting				-		

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				
Electrical		Current Repair	Futur	re Replacement	М	aintenance	
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	\$25,800	10	\$2,300	
	-	ps And Fixtures, Extent : Ligh 2 : Offices, Electrical Room	t, Area A	ffected : 100%			
Fluorescent	5%		2029	\$5,200	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	l : 100%			
Egress Lighting							
Emergency, Battery	50%		2029	\$7,000	10	\$1,200	
Exit, Service	50%		2029	\$700	1		
Exterior Lighting							
LED	30%		2037	* *			
No Component	70%						
larm							
Security System							
Generic	100%		2037	* *	1	\$3,700	
		ervation, Extent : Light, Area		l : 100%			
		: Inside And Outside The Bu	-				
	Explana	tion : CCTV Surveillance Can	neras				
Fire/Smoke Detection							
No Component	70%						
Generic, Digital	30%		2029	\$32,100	1-3	\$1,900	
		ervation, Extent : Light, Area	Affectea	l : 100%			
		: Reading Areas					
	Explana	tion : Smoke Detector, Strobe	Lights				
lechanical		Current Repair	Futur	re Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
eating	•						
Energy Source							
Natural Gas	100%		2055	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2046	* *	1	\$4,900	
	Other Obs	ervation, Extent : Light, Area	Affected	l : 100%			
	Location	: First Floor					
	Explanat	tion : 1 Unit					
Distribution							
Diculownen				ماد ماد	4	¢500	
Hot Wtr Piping/Pump	100%		2051	* *	4	\$500	
Hot Wtr Piping/Pump Terminal Devices				* *	4		
Hot Wtr Piping/Pump	100% 90% 10%		2051 2037 2037	* *	4	\$5,500 \$5,500 \$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 # : 14459

Mechanical		Current Repair	Futu	e Replacement	M	aintenance	
				-			
System Component	% of	Fail Date Estimated Cost		Estimated Cost	·	Estimated Cost	Priorit
Туре	Total	(Years)	FY		(Yrs)		
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	\$8,800	
Exhaust Fans							
Interior	100%		2037	* *	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2055	* *	1		
Water Heater							
Electric	100%		2028	\$8,500	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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name	: HIGHLAWN BRANCH LIBRARY							
Address	: 1664 WEST 13TH @KINGS HIGHWA	Y						
Borough	: BROOKLYN	Agency's Number	: 42					
Program / Asset #	: BPL0H42.000 / 13252	Yr Built/Renovated	: 1972 / 2005					
Area Sq Ft	: 7,500	Project Type	: BROOKLYN PUBLIC LIBRARY					
Date of Survey	: 11-Mar-2013	Landmark Status	: NONE					
Areas Surveyed	: Basement, Roof, Floors 1							
Block	: 6618 Lot : 34	BIN	: 3175253					

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$260,200
Electrical		\$77,800
Mechanical		\$271,000
Total		\$608,900
Importance Code A		\$260,200
Importance Code B		\$348,800
Total		\$608,900

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$32,100			
Interior Architecture	\$23,000	\$500	\$300	\$4,300
Electrical	\$5,900	\$300	\$200	\$12,600
Mechanical	\$2,200	\$900	\$8,800	\$900
Total	\$63,300	\$1,700	\$9,400	\$17,800
Importance Code A	\$32,500	\$400	\$400	\$400
Importance Code B	\$30,800	\$1,300	\$9,000	\$17,300
Importance Code C				\$200
Total	\$63,300	\$1,700	\$9,400	\$17,800



 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 # : 13252

rchitecture		Current F	Repair	Futur	e Replacement	Maintenance		
ystem 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	\$13,200	
Masonry: Limestone	20%			LIFE	* *	5	\$2,800	
Granite Panels	10%			LIFE	* *	5	\$1,400	
Windows	1000/	• •	\$ < 100	2022	ىلە بلە	-	#7 00	
Aluminum	Location Other Obs Location	: Through ervation, E : Through	xtent : Moderate, A	Area Affe		5	\$700	
Roof								
Modified Bitumen	Location Ponding, I Location Worn/Eroo	: Lower Ro Extent : Mo : Through	derate, Area Affec out : Moderate, Area .	ted : 20%				
terior								
Floors Carpet	70% Staining/D	0-2 viscoloring,	\$19,600 Extent : Moderate	2025 e, Area A	\$98,000 ffected : 20%	3	\$11,100	
	Location	: Through	out					
Cast in Place Concrete	5%			LIFE	* *	5	\$1,200	
Ceramic Tile	5%			2033	* *	5	\$500	
Sheet Vinyl/Rubber	Misaligne	Now l/Bulging, L : Staff Rod	\$3,300 Extent : Moderate, om	2029 Area Afj	\$32,600 fected : 10%	5	\$800	
Vinyl Tile	10%			2029	\$9,300	3	\$500	
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	* *	-	ф <u>г</u> 200	
Plaster	80%			LIFE	~ ~	5	\$5,300	
lectrical		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	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

			Asset # 13	0232				
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	Priorit
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$1,500	5	\$200	
			Extent : Moderate, A	Area Affe	ected : 100%			
		n : Electrico			250 /			
<u></u>	Explana	tion : One	Electrical Service I	Rated At	350 Amperes			
Switchgear / Switchboard	1000/			2024	¢22.500	~	#2 00	
Molded Case Bkrs	100%)		2024	\$33,500	5	\$200	
Raceway	90%			2024	¢20.200	1		
Conduit Conduit	90% 10%			2024 2050	\$29,200 * *	1 1		
Panelboards	1070			2030		1		
Molded Case Bkrs	80%			2023	\$12,400	5	\$200	
Molded Case Bkrs	20%			2023	\$12,400	5	\$200	
Wiring	2070			2040		5		
Braided Cloth	20%	2-4	\$5,700	2049	* *	1		
Dialded Cibili			ent : Moderate, Are		ed : 100%	1		
		n : Basemer		55				
Thermoplastic	70%			2024	\$20,100	1		
Thermoplastic	10%			2024	\$20,100	1		
Motor Controllers	1070			2050		1		
Locally Mounted	100%	1		2041	* *	5	\$100	
Bround								
Grounding Devices								
Generic	100%	I		LIFE	* *	5	\$100	
	Other Ob	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	n : Basemer	ıt					
	Explana	tion : Conn	ected To Main Wa	ter Pipe				
ighting								
Interior Lighting								
Fluorescent	10%			2029	\$7,800	10	\$700	
	-		res, Extent : Mode	rate, Are	a Affected : 100%			
		n : Basemer	it					
Fluorescent	90%			2024	\$70,000	10	\$6,200	
			Extent : Light, Area	Affectea	! : 100%			
		n : Through						
	Explana	tion : T-12	Lamps					
Egress Lighting	500/			2024	<i>ቀረስሳ</i>	1		
Exit, Service	50% 50%			2024 2024	\$600 \$1.800	1	\$200	
Exit, Battery	30%			2024	\$1,800	10	\$300	
Exterior Lighting HID	100%			2024	\$29,300	10		
Alarm	100%			2024	\$29,300	10		
Security System								
No Component	80%	1						
Generic	20%			2024	\$4,700	1	\$600	
	_0/0				\$.,, 50	-	4000	

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

			ASSEL # . IJ	232				
Electrical	Current Repair			Futur	e Replacement	Μ		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
larm								
Fire/Smoke Detection	=							
No Component	70%			2024	¢24.100	1.2	¢1 400	
Generic	30%			2024	\$24,100	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/			2011	* *			
Natural Gas	100%			2044	* *	1		
Conversion Equipment Hot Water Boiler	100%			2037	* *	1	\$3,700	
Hot water Boller		ervation F	Extent : Light, Area		: 100%	1	\$5,700	
			t Boiler Room	1.jjeered	. 100/0			
		tion : 2 Un						
Distribution								
Hot Wtr Piping/Pump	100%			2040	* *	4	\$600	
Terminal Devices								
Air Handler	75%			2029	\$76,700	1	\$3,500	
Convector/Radiator	25%			2029	\$9,700	1	\$600	
Air Conditioning Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment	10070			2010				
Int Pkg Unit - Heating/Cooling	100%			2025	\$154,700	2	\$500	
			tent : Light, Area A		100%			
	Location	: Basemen	t Equipment Room	!				
Heat Rejection	1000			0.00 1	**	•	* = = ~ ~ ~	
Dry Cooler	100%			2024	\$39,600	2	\$5,200	
Ventilation Distribution								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,200	
Exhaust Fans	10070					23	ψ-1,200	
Interior	80%			2029	\$20,700	2	\$200	
Roof	20%			2029	\$2,400	2	• • •	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Electric	100%			2022	\$6,400	4		
Sanitary Piping	1000/			LIPP	* *	1		
Cast Iron	100%			LIFE	<u>ት</u> ች	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Cast II0II	100%			LILE		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 # : 13252

lechanical	(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	\$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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

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 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$250,500
Interior Architecture		\$98,300
Electrical		\$81,400
Mechanical		\$95,400
Total		\$525,600
Importance Code A		\$250,500
Importance Code B		\$275,100
Total		\$525,600

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture				
Interior Architecture	\$1,400			\$1,700
Electrical	\$900	\$700	\$700	\$13,300
Mechanical	\$5,200	\$600	\$1,100	\$600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$11,500	\$5,300	\$5,800	\$19,600
Importance Code A	\$400	\$400	\$400	\$400
Importance Code B	\$11,100	\$4,900	\$5,400	\$19,200
Total	\$11,500	\$5,300	\$5,800	\$19,600



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 # : 13253

rchitecture	Current Repair		Futur	e Replacement	Maintenance			
stem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
terior								
Exterior Walls								
Concrete Masonry Unit	90%		LIFE	* *	5	\$11,600		
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			
Pre-Cast Concrete	5%		LIFE	* *	5			
Roof								
Modified Bitumen	100%		2029	\$250,500	10	\$17,800		
erior								
Floors								
Ceramic Tile	5%		2033	* *	5	\$600		
Vinyl Tile	95%		2029	\$98,300	3	\$5,600		
Interior Walls								
Concrete Masonry Unit	100%		LIFE	* *	5			
Ceilings								
AcousTileSusp.Lay-In	90%		2037	* *	5			
Gypsum Board	10%		LIFE	* *	5			

ectrical	Current Repa	ir Future	Future Replacement		Maintenance	
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	\$1,500	5	\$200	
	Other Observation, Extent	: Moderate, Area Affec	ted : 100%			
	Location : Electrical Clo	oset In The Meeting Roo	т			
	Explanation : Main Serv	ice Switch Rated At 400	Amperes			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2024	\$33,500	5	\$200	
Raceway						
Conduit	20%	2044	* *	1		
Conduit	80%	2024	\$26,000	1		
Panelboards						
Molded Case Bkrs	20%	2040	* *	5		
Molded Case Bkrs	80%	2023	\$12,400	5	\$200	
Wiring						
Thermoplastic	30%	2044	* *	1		
Thermoplastic	70%	2024	\$20,100	1		
Motor Controllers						
Locally Mounted	30%	2037	* *	5		
Locally Mounted	70%	2029	\$11,000	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.

Asset # : 13253

Electrical	Current Repair	Future	Replacement	Μ		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	10%	2024	\$8,100	10	\$700	
	Other Observation, Extent : Mode Location : Reading Area	rate, Area Affect	ed : 100%			
	Explanation : Compact Fluoresc	ent Light Fixture	es			
Fluorescent	90%	2024	\$73,300	10	\$6,500	
	T-8 Lamps And Fixtures, Extent : Location : Throughout The Build					
Egress Lighting	-					
Emergency, Battery	50%	2024	\$5,500	10	\$900	
Exit, LED	50%	2039	* *	1		
Exterior Lighting						
HID	100%	2024	\$30,700	10		
Alarm						
Security System						
Generic	100%	2032	* *	1	\$2,900	
		Other Observation, Extent : Moderate, Area Affected : 100%				
	Location : Throughout The Build	-				
	Explanation : CCTV Surveillanc	e Cameras				
Fire/Smoke Detection						
Generic	100%	2032	* *	1-3	\$5,000	
	Other Observation, Extent : Mode		ed : 100%			
	Location : Throughout The Build	-				
	Explanation · Strobe Lights Ma	nual Pull Station	& Horne And Al	urm Rolls		

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

Mechanical	Current Repair	Future	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating								
Energy Source								
Natural Gas	100%	2044	* *	1				
Conversion Equipment								
Furnace	65%	2029	\$11,700	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							
	Explanation : 2 Units							
Distribution								
Hot Wtr Piping/Pump	35%	2040	* *	4	\$200			
No Component	65%							

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

 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Asset # : 13253

Mechanical	Current Repair	Future I	Replacement	Μ	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year E 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/	• • • • •	ala ala	_		
Electricity	100%	2040	* *	1		
Conversion Equipment	1000/	2020	¢05 400	2	¢.500	
Ext Pkg Unit -	100%	2029	\$95,400	2	\$500	
Heating/Cooling	P 22 Polyconant Extent , Light A.	nog Affected , 10	0.00/			
	R-22 Refrigerant, Extent : Light, Au Location : Roof	rea Ajjeciea : 10	10%			
	Other Observation, Extent : Light, J	Area Affected .	1000/			
	Location : Roof	Area Ajjeciea .	100%			
	Explanation : 4 Package Units					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,400	
Exhaust Fans						
Roof	100%	2029	\$12,600	2	\$200	
Plumbing			-			
H/C Water Piping						
Brass/Copper	100%	2034	* *	1		
Water Heater						
Gas Fired	100%	2020	\$4,600	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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

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 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$177,700	\$177,700
Total	\$177,700	\$177,700
Importance Code A	\$177,700	\$177,700
Total	\$177,700	\$177,700

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$30,000	\$700		
Interior Architecture	\$56,900		\$7,800	\$1,600
Electrical	\$1,700	\$1,800	\$1,700	\$1,300
Mechanical	\$11,300	\$2,500	\$6,400	\$2,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$103,900	\$8,900	\$19,900	\$9,200
Importance Code A	\$31,000	\$1,600	\$1,000	\$1,000
Importance Code A Importance Code B	\$31,000 \$27,000	\$1,600 \$7,300	\$1,000 \$18,900	\$1,000 \$7,400
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 # : 14461

rchitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Cast Stone/Terra Cotta	80%			LIFE	* *	5	\$355,300	
Metal Panel	5%			2055	* *	5-10	\$9,800	
Granite Panels	5%	Now	\$3,100	LIFE	* *	5	\$1,100	
		Crumbling, : Through	Extent : Moderate		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	* *	5-10	\$10,700	
Metal Rail	5%			2046	* *	5-10	\$1,700	
Pre-Cast Concrete	10%			LIFE	* *	5	\$2,300	
Roof								
Metal Panel	5%	Now	\$10,600	2049	* *			
		/Rusting, E : Stair Bul	xtent : Severe, Are khead	a Affecte	d : 100%			
		etration, E : Stair Bul	xtent : Moderate, A khead	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	\$1,000	
Glass: Special Gauge	50%			LIFE	* *	1		
		ervation, E : Facade	xtent : Light, Area	Affected	: 100%			
	Explanat	tion : Alum	imum Fins On Stru	ctural St	eel			
erior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$6,500	
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	\$1,400	
Glass: Single Pane	5%			LIFE	* *	5	\$2,700	
Gypsum Board	75%			LIFE	* *	5-10	\$45,600	
Wood	10%			LIFE	* *	5	\$28,600	
Ceilings								
AcousTileSusp.Lay-In	45%			2042	* *	5	\$13,400	
Exposed Struc: Steel	5%			LIFE	* *	10	\$3,000	
Gypsum Board	50%	Now	\$3,100	LIFE	* *	5	\$18,600	
ojpouni Boura			xtent : Moderate, A					

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

			A3301 # . 19					
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	Priorit
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2064	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
On-Site Walkways								
Pavers/Stone	100%			2038	* *			
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
Jnder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2055	* *	5	\$100	
	Other Obs	servation, E	Extent : Light, Area	Affected	: 100%			
		a : Electrica						
	Explana	tion : Main	Service Bolted Pre	essure Sv	vitch Rated At 160	0 Ampere	25.	
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5	\$100	
	Other Obs	ervation, E	Extent : Light, Area	Affected	! : <i>100%</i>			
	Location	ı : Electrica	al Room					
	Explana	tion : 1- Ve	rtical Section					
Raceway								
Conduit	100%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2051	* *	5		
Molded Case Bkrs	95%			2051	* *	5	\$500	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	20%			2046	* *	5		
Motor Control Center	80%			2046	* *	5	\$400	
Ground								
	100%			LIFE				

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 # : 14461

lectrical		Current Repair	Futur	e Replacement	Μ	aintenance	
stem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
hting							
Interior Lighting	550/		2027	* *	10	¢10.000	
Fluorescent	55% T-5 Lamp	s And Fixtures, Extent : Light,	2037 Area Aft		10	\$10,000	
	-	i : Reading Areas, 1st And 2nd		ecteu : 10070			
Fluorescent	30%		2037	* *	10	\$5,500	
	T-8 Lamp	s And Fixtures, Extent : Light, 1 : Throughout The Building	Area Afj	fected : 100%		<i>• -)</i>	
Fluorescent	10%		2037	* *	10	\$1,800	
	-	Fluorescent Light, Extent : Lig 1 : Throughout The Building	ght, Area	Affected : 100%			
LED	5%		2037	* *			
Egress Lighting			0.04 -			** • • • •	
Emergency, Battery	50%		2037	* *	10	\$2,400	
Exit, LED	50%		2064	4. 4.	1		
Exterior Lighting LED	25%		2037	* *			
No Component	75%		2037				
larm							
Security System							
No Component	70%						
Generic	30%		2037	* *	1	\$2,200	
		servation, Extent : Light, Area		: 100%			
		1 : Reading Areas And Outside tion : CCTV Surveillance Can		d Intrusion Alarm	Systam		
Fire/Smoke Detection	Елріана	uon . CCI v Surveillance Can	ierus Ani	a mirusion Atarms	system		
Generic, Digital	100%		2037	* *	1-3	\$12,300	
	Other Obs	servation, Extent : Light, Area	Affected	: 100%		. ,	
	Location	ı : Throughout The Building					
	Explana	tion : Strobe Lights, Manual I	Pull Statio	ons, Alarm Bells, S	moke 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	
		servation, Extent : Light, Area					
		n : 2 Are On Lower Roof, One	Is On H	igher Roof			
		tion : 3 Package Units.					
Hot Water Boiler	30%		2042	* *	1	\$3,000	
Hot Water Doner							
The Water Doner		servation, Extent : Light, Area	Affected	: 30%			
		servation, Extent : Light, Area 1 : Basement Boiler Room	Affected	: 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 # : 14461

Mechanical	Current Repair	Future Rep	olacement	М	aintenance	
System	% of Fail Date Estimat				Estimated Cost	Priority
Component	Total (Years)	FY	mateu Cost	(Yrs)	Estimated Cost	Priority
Туре	rotar (rears)	11		(113)		
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						
	Other Observation, Extent : La					
	Location : 2 Are On Lower H	Roof, One Is On Higher	Roof			
	Explanation : 3 Package Un	its, R-410a, No.1 Is Una	ler Repair			
Split Unit	10%	2034	* *			
	Other Observation, Extent : La	ight, Area Affected : 10%	6			
	Location : Roof					
	Explanation : 2 Units, R-410	Da				
Terminal Devices						
Fan Coil - 2 Pipe	10%	2034	* *	1	\$600	
No Component	90%					
Heat Rejection						
Air Cooled Condenser	100%	2034	* *	2	\$13,900	
Unit						
	Other Observation, Extent : La	ight, Area Affected : 100	9%			
	Location : Higher Roof					
	Explanation : 3 Units					
ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$17,600	
Exhaust Fans						
Roof	100%	2034	* *	2	\$600	
lumbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Electric	100%	2027	\$17,000	4	\$100	
	Other Observation, Extent : La	ight, Area Affected : 100	9%			
	Location : Basement					
	Explanation : 1 Unit 40 Gall	lons				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
	1000/	LIFE	* *	1		
Cast Iron	100%					
Cast Iron Sewage Ejector(s)	100%	LITE		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 # : 14461

Mechanical	Current Repair	Future Repl	acement	Μ	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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address	KINGS BAY BRANCH LIBRARY3650 NOSTRAND AVE. NEAR AVE		
Borough	: BROOKLYN	Agency's Number Yr Built/Renovated	: 44
Program / Asset # Area Sq Ft Date of Survey	: BPL0K44.000 / 13254 : 14,885 : 03-Oct-2017	Project Type Landmark Status	: 1962 / 1999 : BROOKLYN PUBLIC LIBRARY : NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 7405 Lot : 920	BIN	: 3202630
CAPITAL Exterior Architec	fure	FY 2020 - 2023 \$293 400	FY 2024 - 2029 \$73 400

Total	\$59,900	\$7,400	\$10,500	\$8,300
Importance Code C	\$8,400			\$200
Importance Code B	\$14,000	\$6,700	\$9,700	\$7,400
Importance Code A	\$37,500	\$700	\$700	\$700
Total	\$59,900	\$7,400	\$10,500	\$8,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$5,600	\$3,100	\$2,200	\$3,100
Electrical	\$700	\$400	\$500	\$500
Interior Architecture	\$13,000		\$3,800	\$800
Exterior Architecture	\$36,800			
EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Total		\$293,400		\$380,500
Importance Code B				\$307,200
Importance Code A		\$293,400		\$73,400
Total		\$293,400		\$380,500
Mechanical				\$259,300
Electrical				\$47,900
Exterior Architecture		\$293,400		\$73,400



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 # : 13254

chitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	\$44,300	
Masonry: Granite	5%			LIFE	* *	5	\$1,700	
Windows								
Aluminum	70%	0-2	\$2,500	2037	* *	5	\$300	
			xtent : Moderate, A		cted : 30%			
	Location	: West Fac	cade, Staff Work R	oom				
Glass Block	30%			LIFE	* *	5	\$300	
Parapets								
Masonry: Brick	40%			LIFE	* *	5-10	\$6,900	
Metal Panel	10%			2039	* *	5	\$1,000	
No Component	50%							
Roof								
Modified Bitumen		Now	\$293,400	2039	* *			1
	0	0	Moderate, Area A	ffected :	35%			
		: Through						
			lerate, Area Affect	ed : 40%				
		: Through						
	-		tent : Moderate, A	rea Affec	ted : 25%			
		: Through						
	Water Pen	etration, E	xtent : Severe, Are	a Affecte	$d \cdot 30\%$			
					u . 5070			
		: Through			u . 5070			
Modified Bitumen	Location 20%	: Through		2024	\$73,400	10	\$5,200	
Soffits	20%	: Through		2024	\$73,400	10	\$5,200	
Soffits Exposed Struc: Steel		: Through				10	\$5,200	
Soffits Exposed Strue: Steel erior	20%	: Through		2024	\$73,400		\$5,200	
Soffits Exposed Strue: Steel prior Floors	20%	: Through		2024 LIFE	\$73,400			
Soffits Exposed Struc: Steel rrior Floors Ceramic Tile	20% 100% 5%	: Through		2024 LIFE 2038	\$73,400 **	5	\$1,100	
Soffits Exposed Struc: Steel erior Floors Ceramic Tile Quarry Tile	20% 100% 5% 5%	: Through		2024 LIFE 2038 2042	\$73,400 ** **	5 5 5	\$1,100 \$1,700	
Soffits Exposed Struc: Steel crior Floors Ceramic Tile Quarry Tile Terrazzo	20% 100% 5% 5%	: Through		2024 LIFE 2038 2042 LIFE	\$73,400 ** ** ** **	5 5 5 5	\$1,100 \$1,700 \$1,800	
Soffits Exposed Strue: Steel erior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile	20% 100% 5% 5%	: Through		2024 LIFE 2038 2042	\$73,400 ** **	5 5 5	\$1,100 \$1,700	
Soffits Exposed Strue: Steel erior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls	20% 100% 5% 5% 5% 85%	: Through		2024 LIFE 2038 2042 LIFE 2034	\$73,400 ** ** ** ** **	5 5 5 3	\$1,100 \$1,700 \$1,800 \$7,100	
Soffits <u>Exposed Strue: Steel</u> erior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete	20% 100% 5% 5% 85% 5%	: Through		2024 LIFE 2038 2042 LIFE 2034 LIFE	\$73,400 ** ** ** ** ** **	5 5 5 3 10	\$1,100 \$1,700 \$1,800 \$7,100 \$900	
Soffits Exposed Struc: Steel erior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile	20% 100% 5% 5% 5% 85% 5%	: Through		2024 LIFE 2038 2042 LIFE 2034 LIFE 2038	\$73,400 ** ** ** ** ** **	5 5 5 3 10 5	\$1,100 \$1,700 \$1,800 \$7,100 \$900 \$400	
Soffits Exposed Strue: Steel erior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board	20% 100% 5% 5% 85% 5%	: Through		2024 LIFE 2038 2042 LIFE 2034 LIFE	\$73,400 ** ** ** ** ** **	5 5 5 3 10	\$1,100 \$1,700 \$1,800 \$7,100 \$900	
Soffits Exposed Strue: Steel erior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board Ceilings	20% 100% 5% 5% 5% 85% 5% 5% 5% 90%	: Through		2024 LIFE 2038 2042 LIFE 2034 LIFE 2038 LIFE	\$73,400 ** ** ** ** ** **	5 5 5 3 10 5 5-10	\$1,100 \$1,700 \$1,800 \$7,100 \$900 \$400 \$11,600	
Soffits Exposed Strue: Steel erior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board Ceilings AcousTile,Adhered	20% 100% 5% 5% 5% 85% 5% 90% 5%		out	2024 LIFE 2038 2042 LIFE 2034 LIFE 2038 LIFE 2042	\$73,400 ** ** ** ** ** ** ** **	5 5 5 5 3 10 5 5-10 5	\$1,100 \$1,700 \$1,800 \$7,100 \$900 \$400 \$11,600 \$1,100	
Soffits Exposed Strue: Steel erior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board Ceilings	20% 100% 5% 5% 5% 85% 5% 90% 5% 85%	Now	\$3,200	2024 LIFE 2038 2042 LIFE 2034 LIFE 2038 LIFE 2042 2042 2042	\$73,400 ** ** ** ** ** ** ** ** **	5 5 5 3 10 5 5-10	\$1,100 \$1,700 \$1,800 \$7,100 \$900 \$400 \$11,600	
Soffits Exposed Strue: Steel erior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board Ceilings AcousTile,Adhered	20% 100% 5% 5% 5% 85% 5% 90% 5% 85% Staining/L Location	Now Discoloring, : Through	S3,200 Extent : Moderate out	2024 LIFE 2038 2042 LIFE 2034 LIFE 2038 LIFE 2042 2042 2042 2042	\$73,400 ** ** ** ** ** ** ** ** **	5 5 5 5 3 10 5 5-10 5	\$1,100 \$1,700 \$1,800 \$7,100 \$900 \$400 \$11,600 \$1,100	
Soffits Exposed Strue: Steel erior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board Ceilings AcousTile,Adhered	20% 100% 5% 5% 5% 85% 5% 90% 5% 85% Staining/L Location Water Pen	Now Discoloring, : Through	out \$3,200 Extent : Moderate out xtent : Moderate, A	2024 LIFE 2038 2042 LIFE 2034 LIFE 2038 LIFE 2042 2042 2042 2042	\$73,400 ** ** ** ** ** ** ** ** **	5 5 5 5 3 10 5 5-10 5	\$1,100 \$1,700 \$1,800 \$7,100 \$900 \$400 \$11,600 \$1,100	
Soffits <u>Exposed Struc: Steel</u> Prior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board Ceilings Acous Tile, Adhered Acous Tile Susp. Lay-In	20% 100% 5% 5% 5% 85% 5% 90% 5% 85% Staining/D Location Water Pere Location	Now Discoloring, : Through etration, E : Through	out \$3,200 Extent : Moderate out xtent : Moderate, A out	2024 LIFE 2038 2042 LIFE 2034 LIFE 2038 LIFE 2042 2042 2042 2042 2042 2042 2042	\$73,400 ** ** ** ** ** ** ** ** **	5 5 5 5 3 10 5 5-10 5 5	\$1,100 \$1,700 \$1,800 \$7,100 \$900 \$400 \$11,600 \$1,100 \$9,500	
Soffits Exposed Strue: Steel erior Floors Ceramic Tile Quarry Tile Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Gypsum Board Ceilings AcousTile,Adhered	20% 100% 5% 5% 5% 85% 5% 90% 5% 85% Staining/D Location Water Pen Location 10%	Now Discoloring, : Through etration, E : Through Now	out \$3,200 Extent : Moderate out xtent : Moderate, A	2024 LIFE 2038 2042 LIFE 2034 LIFE 2038 LIFE 2042 2042 2042 2042 2042 2042 Area Affe LIFE	\$73,400 ** ** ** ** ** ** ** ffected : 5% cted : 5% **	5 5 5 5 3 10 5 5-10 5	\$1,100 \$1,700 \$1,800 \$7,100 \$900 \$400 \$11,600 \$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

		Asset # : 13254				
Architecture	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Dat Total (Years)		ar Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Site Enclosure						
Fence/Gates						
Chain Link	75%	203				
Iron Picket	25%	206	4 **			
Free Standing Walls						
Masonry: Brick	100%	204	9 **			
Retaining Walls Cast in Place Concrete	100%	206	4 **			
Site Pavements						
Public Sidewalk						
Cast in Place Concrete	100%	204	2 **			
	Cracking/Crumbling Location : Throug	g, Extent : Light, Area Aff hout	ected : 5%			
On-Site Walkways Cast in Place Concrete	100%	204	2 **			
Parking/Driveway	10070	201	2			
Asphalt	100%	203	8 **			
	10070	203	0			
Electrical	Current	Repair Fu	ture Replacement	Μ	aintenance	
System	% of Fail Dat	e Estimated Cost Yes	ar Estimated Cost	Cvcle	Estimated Cost	Priorit
Component Type	Total (Years)			(Ýrs)		
Jnder 600 Volts						
Service Equipment Fused Disc Sw	30%	203	0 **	5		
Fused Disc Sw		205 Extent : Light, Area Affec		5		
	Location : Electric		ieu . 10070			
		e 400 Amperes Main Disco	nnect Switch For Air	· Conditio	n	
Fused Disc Sw	70%	202		5		
Fused Disc Sw		202 Extent : Light, Area Affec		5		
		cal Room Basement	ieu . 10070			
		e 400 Amperes Main Disco	nnect Switch For Th	o Main R	uildina	
Switchgear / Switchboard	Explanation . One	400 Minperes Main Disee	nneer Swiich I of Th	e mun D	anang	
Molded Case Bkrs	100%	203	9 **	5	\$400	
Raceway	10070	203	,	5	\$100	
Conduit	100%	203	9 **	1		
Panelboards	10070	200	,	1		
Fused Disc Sw	5%	203	7 **	5		
Fused Disc Sw	5%	203		5		
Molded Case Bkrs	90%	202		5	\$400	
Wiring		203		~	\$100	
Thermoplastic	80%	203	9 **	1		
Thermoplastic	20%	202		1		
		-0-		-		
	_0,0					
Motor Controllers Locally Mounted	100%	203	4 **	5	\$100	

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

Asset # : 13254

Electrical	Current Repair			e Replacement	Maintenance		
System Component Type	% of Fail D Total (Year	ate Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$400	
	Other Observation	n, Extent : Light, Area	Affected	: 100%			
	Location : Baser	nent					
	Explanation : W	ater Main					
Lighting							
Interior Lighting							
LED	100%		2037	* *			
Egress Lighting							
Emergency, Battery	50%		2034	* *	10	\$1,800	
Exit, Service	50%		2034	* *	1		
Exterior Lighting							
HID	100%		2037	* *	10		
Alarm							
Security System							
No Component	80%						
Generic	20%		2029	\$9,300	1	\$1,100	
Fire/Smoke Detection							
No Component	70%						
Generic, Analog	30%		2024	\$47,900	1-3	\$2,800	
Mechanical	Curro	nt Repair	Eutur	e Replacement	м	aintenance	
Mechanical	Curre		Futur	e Replacement	IVI	laintenance	
C							
System Component		ate Estimated Cost		Estimated Cost		Estimated Cost	Priority
System Component Type	% of Fail D Total (Year		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Component Type				Estimated Cost		Estimated Cost	Priority
Component Type Heating				Estimated Cost		Estimated Cost	Priority
Component Type				Estimated Cost		Estimated Cost	Priority
Component Type Heating Energy Source Natural Gas	Total (Year		FY		(Yrs)	Estimated Cost	Priority
Component Type Heating Energy Source	Total (Year		FY		(Yrs)	Estimated Cost \$7,400	Priority
Type Heating Energy Source Natural Gas Conversion Equipment	Total (Year 100% 100%		FY 2039 2029	* * \$34,000	(Yrs)		Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment	Total (Year 100% 100%	s)	FY 2039 2029	* * \$34,000	(Yrs)		Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment	Total (Year 100% 100% Other Observation	s) n, Extent : Light, Area	FY 2039 2029	* * \$34,000	(Yrs)		Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment	Total (Year 100% 100% Other Observation Location : Roof	s) n, Extent : Light, Area	FY 2039 2029	* * \$34,000	(Yrs)		Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source	Total (Year 100% 00% Other Observation Location : Roof Explanation : 2	s) n, Extent : Light, Area	FY 2039 2029 Affected	* * \$34,000	(Yrs)		Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity	Total (Year 100% 100% Other Observation Location : Roof	s) n, Extent : Light, Area	FY 2039 2029	* * \$34,000	(Yrs)		Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source	Total (Year 100% 00% Other Observation Location : Roof Explanation : 2	s) n, Extent : Light, Area	FY 2039 2029 Affected	* * \$34,000 : 100%	(Yrs) 1 1		Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Total (Year 100% 00% Other Observation Location : Roof Explanation : 2	s) n, Extent : Light, Area	FY 2039 2029 Affected	* * \$34,000 : 100%	(Yrs) 1 1		Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace	Total (Year 100% 00her Observation Location : Roof Explanation : 2 100% 100%	s) n, Extent : Light, Area Package Units	FY 2039 2029 Affected 2045 2029	** \$34,000 : 100% ** \$180,800	(Yrs) 1 1 1 1	\$7,400	Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Total (Year 100% 00her Observation Location : Roof Explanation : 2 100% 100%	s) n, Extent : Light, Area	FY 2039 2029 Affected 2045 2029	** \$34,000 : 100% ** \$180,800	(Yrs) 1 1 1 1	\$7,400	Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Total (Year 100% 100% Other Observation Location : Roof Explanation : 2 100% 100% R-22 Refrigerant, Location : Roof	s) n, Extent : Light, Area Package Units	FY 2039 2029 Affected 2045 2029 ffected :	** \$34,000 : 100% ** \$180,800 100%	(Yrs) 1 1 1 1	\$7,400	Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Total (Year 100% 100% Other Observation Location : Roof Explanation : 2 100% 100% R-22 Refrigerant, Location : Roof	s) n, Extent : Light, Area Package Units Extent : Light, Area A	FY 2039 2029 Affected 2045 2029 ffected :	** \$34,000 : 100% ** \$180,800 100%	(Yrs) 1 1 1 1	\$7,400	Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Total (Year 100% 100% Other Observation Location : Roof 100% 100% R-22 Refrigerant, Location : Roof Other Observation Location : Roof Other Observation Location : Roof Other Observation Location : Roof	s) n, Extent : Light, Area Package Units Extent : Light, Area A n, Extent : Light, Area	FY 2039 2029 Affected 2045 2029 ffected :	** \$34,000 : 100% ** \$180,800 100%	(Yrs) 1 1 1 1	\$7,400	Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling	Total (Year 100% 100% Other Observation Location : Roof Explanation : 2 100% 100% R-22 Refrigerant, Location : Roof Other Observation	s) n, Extent : Light, Area Package Units Extent : Light, Area A n, Extent : Light, Area	FY 2039 2029 Affected 2045 2029 ffected :	** \$34,000 : 100% ** \$180,800 100%	(Yrs) 1 1 1 1	\$7,400	Priority
Component Type Heating Energy Source Natural Gas Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Total (Year 100% 100% Other Observation Location : Roof 100% 100% R-22 Refrigerant, Location : Roof Other Observation Location : Roof Other Observation Location : Roof Other Observation Location : Roof	s) n, Extent : Light, Area Package Units Extent : Light, Area A n, Extent : Light, Area	FY 2039 2029 Affected 2045 2029 ffected :	** \$34,000 : 100% ** \$180,800 100%	(Yrs) 1 1 1 1	\$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		e Replacement	Μ		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
entilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$13,100	
Exhaust Fans						
Roof	100%	2029	\$24,000	2	\$500	
lumbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Electric	100%	2027	\$12,700	4	\$100	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
	Other Observation, Extent : Light, Area	a Affected	: 3%			
	Location : Court Yard					
	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	\$600	
	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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address Borough		HGHWAY BRANCH LII EAN AVE. @KINGS HIG I VN		: 45	
Program / Asset #	: BPL0004		Yr Built/Renovated	: 1962 / 2009	
Area Sq Ft	: 23,822	.000/ 4200	Project Type	: BROOKLYN PUBI	ICLIBRARV
Date of Survey	: 23,022 : 27-Oct-20	017	Landmark Status	: NONE	
Areas Surveyed		t, Roof, Floors 1.2			
Block	: 6783	Lot : 68	BIN	: 3182576	
CAPITAL			FY 2020 - 2023		FY 2024 - 2029
Exterior Architect	ture		\$93,100		
Electrical					\$23,500
Total			\$93,100		\$23,500
Importance Code	A		\$93,100		
Importance Code	В				\$23,500
Total			\$93,100		\$23,500
EXPENSE		FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architect	ture	\$28,300			
Interior Architect	ure	\$81,000		\$11,600	\$900
Electrical		\$2,100	\$2,000	\$2,100	\$1,600
Mechanical		\$15,000	\$3,400	\$7,100	\$2,800
Site Enclosure		\$1,500			
Site Pavements		\$2,800			
Elevators/Escalate	ors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$134,500	\$9,300	\$24,700	\$9,300
Importance Code	A	\$29,500	\$1,200	\$1,200	\$1,200
Importance Code	В	\$64,000	\$8,200	\$23,600	\$8,100
Importance Code	С	\$41,000			
Total		\$134,500	\$9,300	\$24,700	\$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.

Asset # : 4206

Architecture	<u>_</u> C	urrent Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fa	ail Date Estimated Cost Years)		Estimated Cost		Estimated Cost	Priority
xterior							
Exterior Walls Masonry: Brick	Jnt Mortar M Location : T	0-2 \$93,100 liss/Erod, Extent : Moderat Throughout ation, Extent : Light, Area			5	\$29,800	
	Location : 1	Kitchen And Office In Base	ment				
Masonry: Limestone	2%		LIFE	* *	5	\$1,000	
Metal Panel	5%		2049	* *	5-10	\$11,400	
Window Wall	3%		2049	* *	5	\$3,700	
Windows Aluminum	100%		2045	* *	5	\$4,600	
Parapets	10070		2043		5	\$4,000	
Masonry: Brick	80% 1 Jnt Mortar M Location : 7	liss/Erod, Extent : Moderat	LIFE e, Area I	* * Affected : 15%	5	\$3,200	
	Location : 7	l, Extent : Moderate, Area					
Masonry: Limestone	15%		LIFE	* *	5-10	\$7,300	
Metal Panel	5%		2049	* *	5	\$800	
Roof	1000/		2024	* *	10	¢ 22 000	
Modified Bitumen Soffits	100%		2034		10	\$22,900	
Metal Panel	100%		2049	* *	5-10		
nterior	10070				0 10		
Floors							
Cast in Place Concrete	10%		LIFE	* *	5	\$15,600	
Ceramic Tile	5%		2038	* *	5	\$1,800	
Terrazzo	5%		LIFE	* *	5	\$2,800	
Vinyl Tile Interior Walls	80%		2034		3	\$10,700	
Glass: Single Pane	5%		LIFE	* *	5	\$4,200	
Gypsum Board	20%		LIFE	* *	5-10	\$19,100	
Masonry: Fieldstone	5%		LIFE	* *	10	\$1,100	
Plaster	50%		LIFE	* *	5-10	\$23,900	
SGFT/Glazed Masonry	20%		LIFE	* *	10	\$5,600	
Ceilings							
AcousTileSusp.Lay-In	45%		2042	* *	5	\$16,000	
Exposed Concrete	25%		LIFE	* *	5-10	\$11,100	
Plaster	25%		LIFE	* *	5-10	\$15,300	
Wood	5%		LIFE	* *	5	\$31,200	

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

	A5561#.	4200		
Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)		Cycle Estimated Cost (Yrs)	Priorit
ite Enclosure				
Fence/Gates				
Chain Link	85% 4+ \$1,50 Broken/Missing Elements, Extent : M Location : Rear And Side Yard Corrosion/Rusting, Extent : Moderat Location : Rear And Side Yard Impact Damage, Extent : Light, Area Location : Rear Yard	Ioderate, Area Affected : 5% te, Area Affected : 20%		
Iron Picket	15%	2064 **		
Free Standing Walls	10,0	2001		
Masonry: Brick	100%	2049 **		
	Other Observation, Extent : Modera Location : Side Yard Explanation : Staining, Particle Pa			
Retaining Walls	Explanation : Statistics, Faricle Fe	minon		
Cast in Place Concrete	100%	2073 **		
ite Pavements On-Site Walkways Cast in Place Concrete	100% 2-4 \$2,80 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 Co Total (Years)		Cycle Estimated Cost (Yrs)	Priorit
Under 600 Volts				
Service Equipment Fused Disc Sw	100% Other Observation, Extent : Light, A Location : Electrical Room	2055 * * rea Affected : 100%	5 \$100	
	Explanation : Main Service Discord	nnect Switch Rated At 1200 An	peres	
Switchgear / Switchboard Fused Disc Sw	100% Other Observation, Extent : Light, A Location : Electrical Room	2055 * * rea Affected : 100%	5 \$100	
	Explanation : 1- Vertical Section			
Raceway Conduit	100%	2055 **	1	
Panelboards				
Fused Disc Sw	5%	2051 **	5	
Molded Case Bkrs Wiring	95%	2051 **	5 \$600	
Thermoplastic	100%	2055 **	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

		A3361 # . 4	200				
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
Inder 600 Volts							
Motor Controllers							
Locally Mounted	50%		2046	* *	5	\$100	
Locally Mounted	50%		2027	\$23,500	5	\$100	
Ground	0070		_0_/	\$20,000	U U	\$100	
Grounding Devices							
Generic	100%		LIFE	* *	5	\$700	
Lighting							
Interior Lighting							
LED	100%		2037	* *			
		ervation, Extent : Light, Area	Affected	: 100%			
		e : Throughout The Building					
	Explana	tion : LED Lights					
Egress Lighting	= /				1.0	†• • • • •	
Emergency, Battery	50%		2037	* *	10	\$2,900	
Exit, Service	50%		2037	* *	1		
Exterior Lighting	200/		2027	* *			
LED	30%		2037	· · ·			
No Component	70%						
Alarm							
Security System No Component	70%						
Generic	30%		2037	* *	1	\$2,700	
Generic		ervation, Extent : Light, Area		· 100%	1	\$2,700	
		e : Inside And Outside	ngjeereu	. 10070			
		tion : CCTV Surveillance Can	ieras				
Fire/Smoke Detection	Briptenter						
Generic, Digital	100%		2037	* *	1-3	\$14,700	
	Other Obs	ervation, Extent : Light, Area	Affected	: 100%			
	Location	a : Throughout The Building					
	Explana	tion : Strobe Lights, Manual H	Pull Staid	ons, Alarm Bells, Si	moke Dei	tectors And Horns	
Mechanical		Current Repair	Futur	e Replacement	M	laintenance	
System Component	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Туре		、 ,			,		
Heating							
Energy Source	1000/		20.40	* *	1		
Natural Gas	100%		2049	<u>ት</u> ች	1		
Conversion Equipment	1000/		2042	* *	1	Ø11 000	
Hot Water Boiler	100% Other Obs		2042		1	\$11,800	
		ervation, Extent : Light, Area	А ј јесted	: 100%			
		e : Basement Boiler Room					
Distribution	Explana	tion : 2 Units					
Hot Wtr Piping/Pump	100%		2045	* *	4	\$1,800	
fiot wit riping/rump	10070		2043		+	\$1,000	

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

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

Asset # : 4206

Mechanical		Current Repair	Futur	e Replacement	N	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating							
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	* *	2	\$900	
0 0		gerant, Extent : Light, Area A : Penthouse And 2nd Floor A			11		
		. 1 eninouse Ana 2na Floor.		* *		ф <u>со</u> о	
Exterior Pkg Unit -	40%		2034	* *	2	\$600	
Cooling	R-22 Refri Location	gerant, Extent : Light, Area / : Roof	Affected :	40%			
Heat Rejection							
Air Cooled Condenser	60%		2034	* *	2	\$10,000	
Unit							
No Component	40%						
entilation							
Distribution	1000/						
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$21,000	
Exhaust Fans	0.50/		2027	* *	2	¢700	
Interior	95%		2037	* *	2	\$700	
Roof	5%		2034	4.4.	2		
lumbing							
H/C Water Piping	100%		2049	* *	1		
Brass/Copper Water Heater	100%		2049		1		
Gas Fired	100%		2027	\$14,100	2	\$300	
	10070		2027	\$14,100	Z	\$300	
Sanitary Piping Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070		LIIL		1		
Cast Iron		0-2 \$2,400 ervation, Extent : Moderate, : South Exit	LIFE Area Affe	* * ected : 5%	1		
		tion : Sewage Piping Is Unde	r Sized C	ausing Water To B	ackup W	hen It Rains	
Sewage Ejector(s)	1	0 1 0		<u> </u>	1		
Electric	100%		2034	* *	4	\$900	
Backflow Preventer							
Generic	100%		2034	* *	1	\$1,500	
Fixtures							

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	n Affected : 1	100%			
	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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name	: LEONARD BRANCH LIBRARY		
Address	: 81 DEVOE ST. @ LEONARD ST.		
Borough	: BROOKLYN	Agency's Number	: 46
Program / Asset #	: BPL0L46.000 / 13255	Yr Built/Renovated	: 1908 / 1986
Area Sq Ft	: 10,688	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 09-Apr-2018	Landmark Status	: NONE
Areas Surveyed	: Basement, Floors 1		
Block	: 2762 Lot : 21	BIN	: 3068818

CAPITAL		FY 2020 - 2023		FY 2024 - 2029
Exterior Architecture		\$179,900		\$144,800
Interior Architecture				\$115,400
Electrical				\$41,800
Mechanical				\$299,500
Site Pavements		\$72,000		
Total		\$251,900		\$601,500
Importance Code A		\$179,900		\$144,800
Importance Code B		\$72,000		\$456,600
Total		\$251,900		\$601,500
EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$60,700			
Interior Architecture	\$75,100			\$2,000
Electrical	\$36,300	\$600	\$700	\$700
Mechanical	\$26,900	\$2,200	\$4,600	\$2,200
Site Enclosure	\$4,600			
Site Pavements	\$14,600			
Total	\$218,200	\$2,700	\$5,200	\$4,900
Importance Code A	\$61,200	\$500	\$500	\$500
Importance Code B	\$125,400	\$2,200	\$4,700	\$4,000
Importance Code C	\$31,600			\$400
Total	\$218,200	\$2,700	\$5,200	\$4,900



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.

Asset # : 13255

rchitecture	C	urrent R	epair	Futur	e Replacement	М		
stem Component Type		uil Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	4+	\$15,100	LIFE	* *	5	\$8,100	
	-	-	Extent : Moderate	, Area A	ffected : 10%			
	Location : 7							
Masonry: Brick	85%	4+	\$109,700	LIFE	* *	5	\$17,600	
			, Extent : Moderat	e, Area I	Affected : 30%			
	Location : 7	-						
Masonry: Limestone		0-2	\$11,700	LIFE	* *	5	\$800	
	-	-	Extent : Moderate	, Area A	ffected : 15%			
	Location : 1	-						
Stucco Cement	5% 1		\$6,200	2034	* *	5	\$1,300	
	0	0	Extent : Moderate	, Area A	ffected : 20%			
	Location : I	Basemen	t Level Areaways					
Windows	000/	Ŧ	\$70,100	0054	* *	-	#000	
Aluminum	90% 1		\$70,100	2054		5	\$800	
	Location : 1		t, Extent : Moderd	ite, Area	Affected : 80%			
		-	Extent : Moderate,	Area Af	Footod , 500/			
	Location : 1			Агеи Ајј	ecieu . 5070			
		-	xtent : Moderate, 2	Area Affe	ected · 100%			
	Location : 1			n cu rijje				
		-	ally Inefficient					
Steel	10%		\$9,700	2054	* *	5	\$1,100	
			ctent : Moderate, A		cted : 50%	5	\$1,100	
	Location : 1	-		55				
	Thermally In	efficient,	Extent : Moderate	e, Area A	ffected : 50%			
	Location : 1	Basement	÷		-			
	Unit Inopera	ble, Exte	nt : Moderate, Are	a Affecte	ed : 50%			
	Location : 1	Basement	t					
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	\$5,900	
Masonry: Limestone	15% 1		\$900	LIFE	* *	5	\$200	
	-		l, Extent : Modera	te, Area	Affected : 5%			
	Location : 0	Over Mai	in Entry					
Metal Rail	5%			2034	* *	5-10	\$1,000	
Roof							b · · · · · ·	
Modified Bitumen	60%	~ ^	.	2029	\$144,800	10	\$10,300	
Slate		0-2	\$12,000	LIFE	* *			
			ss, Extent : Moder	ate, Area	Affected : 50%			
	Location : T	nroughe	pui					

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	Μ	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Floors	100/					-	¢ < 7 00	
Cast in Place Concrete	10%	4	¢1.500	LIFE	* *	5	\$6,700	
Ceramic Tile	5% Prokon/M	4+	\$1,500 hents, Extent : Mod	2032		5	\$400	
		: Through		eraie, Ar	eu Ajjecieu . 10%			
Vinyl Tile		Now	\$34,600	2029	\$115,400	3	\$4,900	
			Moderate, Area A			-	+ .,	
		: Basemer						
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 50%			
	Location	: Basemer	nt					
Interior Walls				••••		-	*- 00	
Ceramic Tile	5%			2038	* *	5	\$700	
Concrete Masonry Unit	10% 10%	4+	\$5,900	LIFE LIFE	* *	5	\$1,200	
Masonry: Brick			\$3,900 xtent : Moderate, A					
		: Basemer		110011990	cieu . 570			
Plaster	70%			LIFE	* *	5-10	\$8,700	
Plaster	5%	4+	\$300	LIFE	* *	5	\$200	
	-	-	: Moderate, Area		: 5%	U	¢ _ 00	
	Location	: Meeting	Room					
Ceilings								
AcousTileConcealSpLn		0-2	\$18,100	2034	* *	5	\$6,700	
		Crumbling, : Meeting	Extent : Moderate Room	, Area A	ffected : 10%			
		-	e, Extent : Moderat	e. Area A	Affected : 20%			
			oor, Basement	c, 11/cu 1				
	Staining/L	<i>Siscoloring</i>	Extent : Moderate	e, Area A	ffected : 30%			
		: First Flo						
Exposed Concrete	10%			LIFE	* *	5-10	\$1,900	
Plaster	20%			LIFE	* *	5-10	\$5,300	
te Enclosure								
Fence/Gates	1000/			2064	* *			
Iron Picket	100%			2064	* *			
Free Standing Walls Masonry: Brick	100%	Now	\$4,600	2049	* *			
Masoni y. Drick			ents, Extent : Mod		ea Affected : 20%			
		: At Entra						
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 30%			
	Location	: At Entra	nce					
	Misaligne	d/Bulging,	Extent : Moderate,	Area Af	fected : 30%			
	Location	: At Entra	nce					
te Pavements								
Public Sidewalk	1000/	N	¢73 000	20.42	* *			
Cast in Place Concrete		Now Crumbling	\$72,000 Extent : Moderate	2042 Area A				
	-	: Leonard		, лгеи А	1 <i>jecieu</i> . 5070			
	Locuion	. Leonard						

ote : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflatio. 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		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ite Pavements								
On-Site Walkways	1000/			2024	* *			
Cast in Place Concrete	100%			2034	· · ·			
Parking/Driveway Asphalt	Location Other Obs Location	Crumbling : Drivewa		-	-			
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	Priorit
Inder 600 Volts								
Service Equipment Fused Disc Sw	100%			2029	\$1,500	5		
	Location	a : Electrico	Extent : Light, Area 11 Room 400 Ampere Main I					
Switchgear / Switchboard Molded Case Bkrs	100%			2029	\$33,500	5	\$300	
Raceway	10070			202)	\$55,500	5	\$500	
Conduit	100%			2029	\$32,500	1		
Panelboards								
Fused Disc Sw	5%			2028	\$800	5		
Molded Case Bkrs	95%			2028	\$14,700	5	\$300	
Wiring Braided Cloth		Aged, Exte	\$25,900 ent : Moderate, Are out The Building	2054 a Affecte	* * ed : 100%	1		
Thermoplastic	10%			2029	\$2,900	1		
Motor Controllers Locally Mounted	100%			2027	\$31,300	5	\$100	
bround								
Grounding Devices								
Generic	Location		-	LIFE Affected	* * 1: 100%	5	\$200	
ighting	Елрини	uon . Corr	Jueu					
Interior Lighting								
Fluorescent	100% T-8 Lamp	s And Fixtu	res, Extent : Light,	2034 Area Aff	* * fected : 100%	10	\$9,800	
			out The Building	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 # : 13255

Electrical		Current R	epair	Futur	e Replacement	М	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Lighting									
Egress Lighting									
Emergency, Battery	50%			2034	* *	10	\$1,300		
Exit, Service	50%			2034	* *	1			
Exterior Lighting HID	100%			2024	\$41,800	10			
Alarm	10070			2024	\$41,000	10			
Security System									
Generic	100%			2034	* *	1	\$4,000		
	Other Obs	servation, Ex	ctent : Light, Area	Affected	: 100%				
	Location	1 : Througho	out The Building						
	Explana	tion : CCTV	Surveillance Can	neras, Int	trusion Alarm And	Motion S	Sensor		
Fire/Smoke Detection									
No Component	70%			2024	* *	1.2	#2 000		
Generic, Digital	30%			2034	* *	1-3	\$2,000		
Mechanical		Current R	epair	Futur	e Replacement	М	aintenance		
System	0/ of							Duiquit	
Component	% of Total	(Years)	Estimated Cost	Y ear FY	Estimated Cost	(Yrs)	Estimated Cost	Priority	
Туре		(()			
Heating									
Energy Source	1000/			2039	* *	1			
Natural Gas	100%			2039		1			
Conversion Equipment Hot Water Boiler	100%			2046	* *	1	\$5 300		
Hot Water Boiler	100% Other Obs		ctent : Light. Area	2046 Affected		1	\$5,300		
	Other Obs	ervation, Ex	ctent : Light, Area Boiler Room			1	\$5,300		
	Other Obs Location	ervation, Ex	Boiler Room			1	\$5,300		
	Other Obs Location	servation, Ex 1 : Basement	Boiler Room			1	\$5,300		
Hot Water Boiler Distribution Hot Wtr Piping/Pump	Other Obs Location	servation, Ex 1 : Basement tion : 1 Unit	Boiler Room			1	\$5,300 \$800		
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	Other Obs Location Explana 100%	ervation, Ex a : Basement tion : 1 Unit	Boiler Room	Affected	\$16,200	4	\$800		
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Other Obs Location Explana 100% 40%	vervation, Ex 1 : Basement tion : 1 Unit	Boiler Room	Affected 2028 2024	\$16,200 \$58,300	4	\$800 \$2,600		
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	Other Obs Location Explana 100%	vervation, Ex 1 : Basement tion : 1 Unit	Boiler Room	Affected	\$16,200	4	\$800		
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning	Other Obs Location Explana 100% 40%	vervation, Ex 1 : Basement tion : 1 Unit	Boiler Room	Affected 2028 2024	\$16,200 \$58,300	4	\$800 \$2,600		
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source	Other Obs Location Explana 100% 40% 60%	servation, Ex 1 : Basement tion : 1 Unit	Boiler Room	Affected 2028 2024 2027	\$16,200 \$58,300	4	\$800 \$2,600		
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity	Other Obs Location Explana 100% 40%	servation, Ex 1 : Basement tion : 1 Unit	Boiler Room	Affected 2028 2024	\$16,200 \$58,300 \$33,300	4	\$800 \$2,600		
Hot Water Boiler 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%	servation, Ex 1 : Basement tion : 1 Unit	Boiler Room	Affected 2028 2024 2027 2037	* : 100% \$16,200 \$58,300 \$33,300 * *	4 1 1 1	\$800 \$2,600 \$2,100		
Hot Water Boiler 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%	servation, Ex 1 : Basement tion : 1 Unit	Boiler Room	Affected 2028 2024 2027	\$16,200 \$58,300 \$33,300	4	\$800 \$2,600		
Hot Water Boiler 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%	servation, Ex 1 : Basement tion : 1 Unit	Boiler Room	Affected 2028 2024 2027 2037 2024	* : 100% \$16,200 \$58,300 \$33,300 * * \$88,000	4 1 1 1	\$800 \$2,600 \$2,100		
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller	Other Obs Location Explana 100% 40% 60% 100% R-22 Refr.	servation, Ex 1 : Basement tion : 1 Unit	Boiler Room	Affected 2028 2024 2027 2037 2024	* : 100% \$16,200 \$58,300 \$33,300 * * \$88,000	4 1 1 1	\$800 \$2,600 \$2,100		
Hot Water Boiler 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.	igerant, Extent 2 : Basement 2 : Duits 2 : 2 Units. E	Boiler Room	Affected 2028 2024 2027 2037 2024	* : 100% \$16,200 \$58,300 \$33,300 * * \$88,000	4 1 1 1	\$800 \$2,600 \$2,100		

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.

Asset # : 13255

Mechanical	Curren	t Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Heat Rejection							
Air Cooled Condenser Unit	100% 0-2	\$20,900	2039	* *	2	\$6,000	
	Other Observation,	, Extent : Light, Area	Affected	: 100%			
	Location : Roof						
	Explanation : 2 E	Extended Life Time U	nits				
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$9,400	
Exhaust Fans							
Interior	100%		2024	\$36,900	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater							
Gas Fired	100%		2024	\$6,300	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
		, Extent : Light, Area	Affected	: 100%			
	Location : Basem						
	Explanation : 1 N	lew 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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

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

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$202,600	\$66,800
Mechanical		\$283,100
Total	\$202,600	\$350,000
Importance Code A	\$202,600	\$66,800
Importance Code B		\$283,100
Total	\$202,600	\$350,000

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$82,000		\$1,700	
Interior Architecture	\$44,100		\$3,600	\$1,000
Electrical	\$700	\$400	\$500	\$400
Mechanical	\$10,700	\$2,000	\$2,400	\$1,800
Site Enclosure				
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$141,500	\$6,300	\$12,100	\$7,100
Importance Code A	\$82,600	\$600	\$2,400	\$600
Importance Code B	\$32,000	\$5,700	\$9,800	\$5,900
Importance Code C	\$26,900			\$600
Total	\$141,500	\$6,300	\$12,100	\$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.

MACON BRANCH LIBRARY Asset # : 13256

		~	sset # : 13	250				
rchitecture	Cu	urrent Rep	air	Futur	e Replacement	М	aintenance	
stem Component Type		il Date Es 'ears)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls	050/ N	r	¢00.500	LIPP	* *	E	¢10.000	
Masonry: Brick	Location : T Worn/Eroded,	nt : Light, hroughout Extent : M	\$99,500 Area Affected : Ioderate, Area A			5	\$10,600	
	Location : T	hroughout						
Masonry: Limestone	Location : Se	nbling, Ex outh Facad oloring, Ex	\$23,500 tent : Moderate le tent : Moderate	-	-	5	\$1,400	
Windows								
Wood	100%			2045	* *	5	\$34,100	
Parapets	50/		¢1.000			-	¢1.500	
Cast Stone/Terra Cotta	• • •	-	\$1,300 tent : Light, Arc	LIFE ea Affecte	* * ed : 5%	5	\$1,500	
Masonry: Brick	Location : T Spalling, Exte	nbling, Ex hroughout nt : Moder	ate, Area Affect	-	-	5	\$1,700	
	Location : T Worn/Eroded, Location : T	Extent : M	Ioderate, Area	Affected	: 25%			
Masonry: Limestone	Location : T Worn/Eroded,	oloring, Ex hroughout Extent : L	ight, Area Affeo	-	-	5	\$2,200	
	Location : T	hroughout						
Metal Panel	5%			2039	* *	5	\$700	
Roof				• • • •			.	
Metal Panel	5%			2042	* *	10	\$1,700	
Modified Bitumen	25%	r	.	2029	\$66,800	10	\$4,800	
Slate	Broken/Missin Location : E	ast Side Oj nbling, Ex	f Roof tent : Moderate		* * ea Affected : 10% ffected : 5%			
	Water Penetro	tion, Exter	nt : Moderate, A cations Through		cted : 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.

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	2004		* 4 2 00		ate ate	-	\$200		
Cast in Place Concrete	30%		\$4,200	LIFE	* *	5	\$900		
	-	-	ent, Extent : Severe tair Landing Macor	-	jected : 15%				
Masonry: Limestone	70%	4+	\$4,800	LIFE	* *	5	\$300		
		etration, E : Entrance	Extent : Light, Area e	Affected	: 25%				
Interior									
Floors									
Cast in Place Concrete	5%			LIFE	* *	5	\$3,600		
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	* *	5-10	\$11,400		
Plaster	50%			LIFE	* *	5-10	\$9,500		
	-	-	, Extent : Moderate	, Area A	ffected : 15%				
	Location	: Stairway	, Heritage Center						
Wood	15%			LIFE	* *	5	\$26,800		
Ceilings									
AcousTileSusp.Lay-In	25%			2042	* *	5	\$4,100		
Gypsum Board	10%			LIFE	* *	5-10	\$5,700		
Plaster	65%			LIFE	* *	5-10	\$18,500		
Site Enclosure									
Fence/Gates									
Iron Picket	100%			2064	* *				
Retaining Walls									
Cast in Place Concrete	100%	4+		2049	* *				
	Cracking/	Crumbling,	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	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Service Equipment							
Air Circuit Breaker	100%		2049	* *	5	\$100	
	Other Obs Location	ervation, Extent : Light, Arec : Electrical Room tion : One 800 Amperes Main	ı Affected		0	φ100	
Switchgear / Switchboard	Елриини	uon . One 600 Imperes main	Disconn	eer Swiich			
Air Circuit Breaker	100%		2049	* *	5	\$100	
Raceway	10070		2017		5	φ100	
Conduit	100%		2049	* *	1		
Panelboards	10070		2019		1		
Fused Disc Sw	5%		2045	* *	5		
Molded Case Bkrs	95%		2045	* *	5	\$300	
Wiring	2070		2015		5	\$500	
Thermoplastic	100%		2049	* *	1		
Motor Controllers	10070		2019		1		
Locally Mounted	100%		2042	* *	5	\$100	
round	10070		2012		5	\$100	
Grounding Devices							
Generic	100%		LIFE	* *	5	\$400	
ghting	10070		LIIL		5	\$100	
Interior Lighting							
Fluorescent	25%		2037	* *	10	\$3,000	
		ervation, Extent : Light, Area		: 100%		+-,	
		: Throughout The Building	55				
		tion : T-8 Lamps					
Fluorescent	5%	1	2037	* *	10	\$600	
Thursdom	Compact 1	Fluorescent Light, Extent : Li : Hallway Basement		Affected : 100%	10	\$000	
LED	70%		2037	* *			
Egress Lighting							
Emergency, Battery	50%		2034	* *	10	\$1,600	
Exit, LED	50%		2057	* *	1	-	
Exterior Lighting							
HID	100%		2034	* *	10		
larm							
Security System							
No Component	70%						
Generic	30%		2034	* *	1	\$1,500	
Fire/Smoke Detection							
No Component	70%						
Generic, Digital	30%		2034	* *	1-3	\$2,400	
		Current Baneir	Ender	e Denlesement			
Aechanical		Current Repair		e Replacement		aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit

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	Futur	re Replacement	М	aintenance	
System	% of	Fail Date Estimated Cost		Estimated Cost	Cycle	Estimated Cost	Priority
Component	Total	(Years)	FY	Estimated Cost	(Yrs)	Estimated Cost	THOM
Туре					()		
leating							
Energy Source	100%		2049	* *	1		
Natural Gas Conversion Equipment	100%		2049		1		
Furnace	40%		2029	\$11,800	1	\$2,600	
1 unace		rvation, Extent : Light, Are			1	\$2,000	
	Location		a nyjeerea	. 100/0			
		on : 1 Rooftop Unit					
Hot Water Boiler	60%	on i i noojiop onn	2034	* *	1	\$3,800	
Hot water Doner		rvation, Extent : Light, Are		1:100%	1	\$5,000	
		: Basement Boiler Room	<i>a rijjeete</i> a	. 100/0			
		on : 2 Gas Fired Modular I	Hot Water	Boilers			
Distribution							
Hot Wtr Piping/Pump	60%		2037	* *	4	\$600	
No Component	40%					•	
Terminal Devices							
Convector/Radiator	40%		2042	* *	1	\$1,700	
No Component	60%					-	
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Ext Pkg Unit -	50%	0-2 \$3,900	2029	\$78,700	2	\$300	
Heating/Cooling							
		ice, Extent : Moderate, Are	a Affected	: 10%			
	Location	0		1000/			
		erant, Extent : Light, Area	Affected :	100%			
	Location	: Roof					
Split Unit	50%		2029	\$134,200			
	R_222 Rofrid						
	0 6	erant, Extent : Light, Area					
	0 6	erant, Extent : Light, Area : 4 Units, Basement					
Terminal Devices	Location	e e	Affected :	100%			
Air Handler/Dir	0 6	e e			1		
Air Handler/Dir Expansion	Location 50%	e e	Affected :	100%	1		
Air Handler/Dir Expansion No Component	Location	e e	Affected :	100%	1		
Air Handler/Dir Expansion No Component Heat Rejection	Location 50% 50%	e e	Affected : 2029	100% \$70,300		\$4.500	
Air Handler/Dir Expansion No Component Heat Rejection Air Cooled Condenser	Location 50%	e e	Affected :	100%	1	\$4,500	
Air Handler/Dir Expansion No Component Heat Rejection Air Cooled Condenser Unit	Location 50% 50% 50%	e e	Affected : 2029	100% \$70,300		\$4,500	
Air Handler/Dir Expansion No Component Heat Rejection Air Cooled Condenser Unit No Component	Location 50% 50%	e e	Affected : 2029	100% \$70,300		\$4,500	
Air Handler/Dir Expansion No Component Heat Rejection Air Cooled Condenser Unit No Component	Location 50% 50% 50%	e e	Affected : 2029	100% \$70,300		\$4,500	
Air Handler/Dir Expansion No Component Heat Rejection Air Cooled Condenser Unit No Component Ventilation Distribution	Location 50% 50% 50% 50%	: 4 Units, Basement	Affected : 2029 2029	100% \$70,300	2		
Air Handler/Dir Expansion No Component Heat Rejection Air Cooled Condenser Unit No Component	Location 50% 50% 50% 50% 100%	0-2 \$5,800	Affected : 2029 2029 2029 LIFE	100% \$70,300 \$12,700 * *		\$4,500 \$7,200	
Air Handler/Dir Expansion No Component Heat Rejection Air Cooled Condenser Unit No Component Ventilation Distribution	Location 50% 50% 50% 50% 100% Needs Clear	: 4 Units, Basement	Affected : 2029 2029 2029 LIFE	100% \$70,300 \$12,700 * *	2		
Air Handler/Dir Expansion No Component Heat Rejection Air Cooled Condenser Unit No Component Ventilation Distribution	Location 50% 50% 50% 50% 100% Needs Clear	0-2 \$5,800 ning, Extent : Moderate, Ai	Affected : 2029 2029 2029 LIFE	100% \$70,300 \$12,700 * *	2		
Air Handler/Dir Expansion No Component Heat Rejection Air Cooled Condenser Unit No Component Ventilation Distribution Ductwork/Diffusers	Location 50% 50% 50% 50% 100% Needs Clear	2. 4 Units, Basement 0-2 \$5,800 ning, Extent : Moderate, At	Affected : 2029 2029 2029 LIFE	100% \$70,300 \$12,700 * *	2		

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 Estimat Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Gas Fired	100%	2024	\$7,700	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%					
/ertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Li	ght, Area Affected :	: 100%			
	Location : Basement, Street,	1st, 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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 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 2020 - 2023		FY 2024 - 2029
Exterior Architecture		\$509,500		
Interior Architecture				\$76,300
Mechanical				\$791,900
Total		\$509,500		\$868,200
Importance Code A		\$509,500		
Importance Code B				\$868,200
Total		\$509,500		\$868,200
EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$29,600		\$1,700	
Interior Architecture	\$108,600		\$16,300	\$10,900
Electrical	\$1,900	\$1,500	\$1,900	\$1,600
Mechanical	\$7,900	\$2,600	\$3,000	\$2,400
Site Enclosure	\$2,500			
Site Pavements	\$4,100			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$158,500	\$8,000	\$26,800	\$18,800
Importance Code A	\$30,600	\$1,000	\$2,700	\$1,000
Importance Code B	\$110,300	\$7,000	\$24,100	\$17,500
Importance Code C	\$17,600			\$300
Total	\$158,500	\$8,000	\$26,800	\$18,800



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 # : 13257

rchitecture	Current Repair Future Replacement Maintenance				
vstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
terior					
Exterior Walls			-	\$21 400	
Masonry: Brick	90% Now \$66,900 Diagonal Cracks, Extent : Moderate, A Location : Bulkhead Stair Jnt Mortar Miss/Erod, Extent : Modera Location : Throughout	nte, Area Affected : 10%	5	\$21,400	
	Loose Units, Extent : Moderate, Area A Location : Bulkhead Stair				
	Misaligned/Bulging, Extent : Moderate Location : Bulkhead Stair And Chimi	ney			
	Water Penetration, Extent : Light, Area Location : Bulkhead	a Affected : 10%			
Masonry: Limestone	10% Jnt Mortar Miss/Erod, Extent : Light, A Location : Main Entrance And Windo	00	5	\$3,600	
Windows					
Aluminum	90% Condensation Present, Extent : Light, A Location : Throughout Deteriorated Finish, Extent : Light, Ar Location : Throughout		5	\$3,400	
Metal Louvers	10%	2038 **	10	\$2,400	
Parapets					
Masonry: Brick	90% Now \$138,200 Water Penetration, Extent : Severe, Ar Location : Various Locations Throug Other Observation, Extent : Severe, Ar Location : Throughout Explanation : Covered In Black Tarp	hout ea Affected : 100%	5	\$3,900	
Masonry: Limestone	10% Now \$27,800 Jnt Mortar Miss/Erod, Extent : Modera Location : Coping At Chimney	LIFE ** tte, Area Affected : 10%	5	\$500	
	Water Penetration, Extent : Severe, Ar Location : Throughout	ea Affected : 30%			
	Other Observation, Extent : Severe, Ar Location : Throughout	ea Affected : 100%			
	Explanation : Covered In Tarp To Ke	ep Rain 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. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

Asset # : 13257

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									
Roof	1000/	.	#204 400		* *				
Modified Bitumen	Blisters, E Location Patching I Location	: Through Evident, Ext : Throught	tent : Moderate, A out	rea Affect					
	-	Extent : Lig : Throught	ht, Area Affected : out	10%					
	Water Pen	etration, E	xtent : Moderate, A ir Adjacent To Ele		cted : 5%				
Soffits									
Metal Panel	100%			2049	* *	5-10			
nterior									
Floors									
Carpet	Location	: Through		Ū	-	3	\$28,600		
		led, Extent : 2nd Floo	: Moderate, Area r	Affected .	: 20%				
Cast in Place Concrete	15%			LIFE	* *	5	\$22,700		
Ceramic Tile	2%			2032	* *	5	\$700		
Terrazzo	2%			LIFE	* *	5	\$1,100		
Vinyl Tile	25%			2029	\$76,300	3	\$4,300		
Wood	1%			2057	* *	5	\$700		
Interior Walls									
Ceramic Tile	3%			2038	* *	5	\$600		
Concrete Masonry Unit	25%			LIFE	* *	5	\$4,000		
Glass: Single Pane	2%			LIFE	* *	5	\$600		
Gypsum Board	50%			LIFE	* *	5-10	\$16,800		
Marble Panels	5%			LIFE	* *	10	\$400		
Plaster	15%			LIFE	* *	5-10	\$2,500		
Ceilings	000/			2042	* *	5	¢21.200		
AcousTileSusp.Lay-In	90%			2042	* *	5	\$31,200		
Exposed Concrete	7%	N	¢2 200	LIFE	* *	5-10	\$3,000		
Gypsum Board			\$2,200 xtent : Moderate, 2	LIFE Area Affe		5	\$1,300		
ite Enclosure		,							
Fence/Gates									
Iron Picket	Location	: Through							
		ed Finish, : Through	Extent : Moderate, out	Area Aff	fected : 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	257				
Architecture		Current Repair	Futu	re Replacement	Μ	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							
Masonry: Brick	90%		2049	* *			
		r Miss/Erod, Extent : Light, A1 2 : Throughout	rea Affec	eted : 5%			
Masonry: Fieldstone	10%		2049	* *			
		r Miss/Erod, Extent : Light, Ai 2 : Throughout	rea Affec	eted : 5%			
Retaining Walls							
Cast in Place Concrete	100%		2064	* *			
Site Pavements							
Public Sidewalk	1000/	4 L	20.42	* *			
Cast in Place Concrete	100% Cracking/	4+ \$4,100 Crumbling, Extent : Moderate	2042				
		: Throughout	, Area A	jjeciea . 5%			
On-Site Walkways	Locuiton	. 111/04g11044					
Cast in Place Concrete	100%		2046	* *			
Parking/Driveway	10070		2040				
Asphalt	100%		2038	* *			
	10070		2020				
Electrical		Current Repair	Futu	re 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	100%		2029	\$1,500	5	\$100	
	Other Obs	ervation, Extent : Light, Area	Affected				
	Location	a : Electrical Room					
	Explanat	tion : One 800 Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard	400/		2020	¢12 400	-		
Fused Disc Sw	40%		2029	\$13,400	5	¢200	
Molded Case Bkrs	60%		2029	\$20,100	5	\$300	
Raceway Conduit	70%		2029	\$22,700	1		
Conduit	30%		2029	\$22,700 * *	1 1		
Panelboards	3070		2049		1		
Fused Disc Sw	5%		2028	\$800	5		
Molded Case Bkrs	3%		2028	\$4,600	5	\$200	
Molded Case Bkrs	50% 65%		2028	\$4,000 * *	5	\$200	
Wiring	0570		20 - †J		5	\$300	
			2020	¢9 (00	1		
Thermonlastic	30%		2029				
Thermoplastic Thermoplastic	30% 70%		2029 2049	\$8,600 * *			
Thermoplastic	30% 70%		2029 2049		1		
						\$100	

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 # : 13257

	Asset #								
Electrical	Current Repair	Current Repair Future Replacement Maintenance							
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit			
round									
Grounding Devices									
Generic	100%	LIFE	* *	5	\$600				
ighting									
Interior Lighting									
Fluorescent	80%	2034	* *	10	\$14,500				
	Other Observation, Extent : Light,		: 100%						
	Location : Throughout The Build	ng							
	Explanation : T-8 Lamps			10	.				
Fluorescent	5%	2034	* *	10	\$900				
	Compact Fluorescent Light, Extent	: Light, Area	Affected : 100%						
	Location : 1st And 2nd Floor								
Fluorescent	15%	2034	**	10	\$2,700				
	T-5 Lamps And Fixtures, Extent : L	ight, Area Aff	ected : 100%						
	Location : 1st And 2nd Floor								
Egress Lighting	500/	2024	* *	10	#2 400				
Emergency, Battery	50%	2034	* *	10	\$2,400				
Exit, LED	45%	2057	* *	1					
Exit, Service	5%	2034		1					
Exterior Lighting HID	100%	2034	* *	10	\$100				
larm	10070	2034		10	\$100				
Security System									
No Component	50%								
Generic	50%	2034	* *	1	\$3,700				
Fire/Smoke Detection					* -):				
Generic, Digital	100%	2034	* *	1-3	\$12,200				
Mechanical	Current Repair	Futur	e Replacement	М	aintenance				
System	% of Fail Date Estimated C	ost Vear	Estimated Cost	Cycle	Estimated Cost	Priorit			
Component			Estimated Cost	Cycic	Listinated Cost				
-	Total (Years)	FY	Estimated Cost	(Yrs)	250000000000000000000000000000000000000				
Туре			Estimated Cost	-	250000000000				
Type			Estimated Cost	-					
Type eating Energy Source	Total (Years)	FY	**	(Yrs)					
Type eating Energy Source Natural Gas				-					
Type eating Energy Source Natural Gas Conversion Equipment	Total (Years)	FY 2039	* *	(Yrs)					
Type eating Energy Source Natural Gas	Total (Years)	FY 2039 2029	* * \$22,600	(Yrs)	\$4,900				
Type eating Energy Source Natural Gas Conversion Equipment	Total (Years) 100% 50%	FY 2039 2029	* * \$22,600	(Yrs)					
Type eating Energy Source Natural Gas Conversion Equipment	Total (Years) 100% 50% Other Observation, Extent : Light,	FY 2039 2029	* * \$22,600	(Yrs)					
Type eating Energy Source Natural Gas Conversion Equipment	Total (Years) 100% 50% Other Observation, Extent : Light, . Location : Penthouse	FY 2039 2029	* * \$22,600	(Yrs)					
Type leating Energy Source <u>Natural Gas</u> Conversion Equipment Furnace	Total (Years) 100% 50% Other Observation, Extent : Light, Location : Penthouse Explanation : 2 Units	FY 2039 2029 Area Affected 2034	** \$22,600 : 50% **	(Yrs) 1 1	\$4,900				
Type eating Energy Source Natural Gas Conversion Equipment Furnace	Total (Years) 100% 50% Other Observation, Extent : Light, . Location : Penthouse Explanation : 2 Units 50%	FY 2039 2029 Area Affected 2034 Area Affected	** \$22,600 : 50% **	(Yrs) 1 1	\$4,900				
Type Teating Energy Source Natural Gas Conversion Equipment Furnace	Total (Years) 100% 50% Other Observation, Extent : Light, . Location : Penthouse Explanation : 2 Units 50% Other Observation, Extent : Light, .	FY 2039 2029 Area Affected 2034 Area Affected	** \$22,600 : 50% **	(Yrs) 1 1	\$4,900				
Type leating Energy Source <u>Natural Gas</u> Conversion Equipment Furnace	Total (Years) 100% 50% Other Observation, Extent : Light, I. Location : Penthouse Explanation : 2 Units 50% Other Observation, Extent : Light, I. 50% Other Observation, Extent : Light, I. Location : Basement Boiler Room	FY 2039 2029 Area Affected 2034 Area Affected	** \$22,600 : 50% **	(Yrs) 1 1	\$4,900				
Type Jeating Energy Source Natural Gas Conversion Equipment Furnace Hot Water Boiler	Total (Years) 100% 50% Other Observation, Extent : Light, I. Location : Penthouse Explanation : 2 Units 50% Other Observation, Extent : Light, I. 50% Other Observation, Extent : Light, I. Location : Basement Boiler Room	FY 2039 2029 Area Affected 2034 Area Affected	** \$22,600 : 50% **	(Yrs) 1 1	\$4,900				

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 # : 13257

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
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	\$575,100	2	\$1,000	
Cooling	R-22 Refri	gerant, Extent : Light, Area A	ffected · 8	0%			
		: 2 Units In Penthouse	gjeereu . o	070			
Split Unit	20%		2029	\$82,100			
Spin Olin		gerant, Extent : Light, Area A					
		: 3 Units, Various Locations					
Terminal Devices							
Fan Coil - 2 Pipe	20%		2029	\$73,200	1	\$1,300	
No Component	80%			-		-	
Heat Rejection							
Dry Cooler	20%		2029	\$20,900	2	\$2,800	
No Component	80%						
/entilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$17,500	
Exhaust Fans							
Interior	90%		2029	\$61,600	2	\$500	
Roof	10%		2029	\$3,200	2	\$100	
Plumbing							
H/C Water Piping	100%		2020	* *	1		
Brass/Copper Water Heater	100%		2039	••••	1		
Gas Fired	100%		2027	\$11,700	2	\$300	
Sanitary Piping	10070		2027	\$11,700	Z	\$300	
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070		LIIL		1		
Cast Iron	100%		LIFE	* *	1		
Fixtures	10070		LIIL		1		
Generic	100%						
/ertical Transport	10070						
Elevators							
Hydraulic	100%		LIFE	* *			
2		ervation, Extent : Light, Area		100%			
	Location	: Basement To 2nd Floor					
	Explana	ion : 1 Unit					

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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name	: MARCY BRANCH LIBRARY	
Address	: 617 DEKALB AVE. @NOSTRAND AV	VE.
Borough	: BROOKLYN	Agency's Number : 59
Program / Asset #	: BPL0M59.000 / 13258	Yr Built/Renovated : 1968 / 2002
Area Sq Ft	: 7,500	Project Type : BROOKLYN PUBLIC LIBRARY
Date of Survey	: 14-Mar-2013	Landmark Status : NONE
Areas Surveyed	: Roof, Floors 1	
Block	: 1774 Lot : 81	BIN : 3049472

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$163,000	\$284,900
Interior Architecture		\$156,800
Electrical		\$156,700
Mechanical	\$154,700	\$80,500
Total	\$317,700	\$678,900
Importance Code A	\$163,000	\$284,900
Importance Code B	\$154,700	\$394,000
Total	\$317,700	\$678,900

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$100		\$200	
Interior Architecture	\$21,900	\$1,000		\$500
Electrical	\$46,700	\$500	\$16,200	\$12,300
Mechanical	\$2,600	\$800	\$7,000	\$800
Total	\$71,300	\$2,300	\$23,400	\$13,600
Importance Code A	\$900	\$400	\$600	\$400
Importance Code B	\$51,300	\$1,900	\$22,800	\$13,100
Importance Code C	\$19,100			\$100
Total	\$71,300	\$2,300	\$23,400	\$13,600



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.

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BROOKLYN PUBLIC LIBRARY - 038

MARCY BRANCH LIBRARY

Asset # : 13258

rchitecture	Current Repair Future Replacement Maintenance					
vstem Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior						
Exterior Walls						
Masonry: Brick	95% 0-2 \$49,00		* *	5	\$15,700	
	Diagonal Cracks, Extent : Moderate	e, Area Affected :	15%			
	Location : Southeast Corner					
	Horizontal Cracks, Extent : Modera	te, Area Affected .	: 10%			
	Location : Southeast Corner					
Metal Panel	3%	2044	* *	5-10	\$3,400	
Granite Panels	2%	LIFE	* *	5	\$200	
Windows						
Aluminum	75%	2032	* *	5	\$500	
	Other Observation, Extent : Modera	te, Area Affected	: 100%		·	
	Location : Throughout					
	Explanation : Unable To Open Wi	ndows, Missing K	ey (?)			
Aluminum	25%	2040	* *	5	\$200	
Aluminum	Other Observation, Extent : Modera		: 100%	5	φ200	
	Location : South Facade	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. 10070			
	Explanation : Stained Glass					
Roof	Explanation : Statica Glass					
Modified Bitumen	100% Now \$114,00	0 2029	\$284,900			
Mounted Brunnen	Blisters, Extent : Moderate, Area Af		\$201,900			
	Location : Various Locations Thro					
erior		0				
Floors						
Cast in Place Concrete	5%	LIFE	* *	5	\$1,100	
Ceramic Tile	5%	2033	* *	5	\$500	
Vinyl Tile	80%	2024	\$73,400	3	\$3,100	
Vinyl Tile	10% Now \$2,80		\$9,200	3	\$400	
5	Cracking/Crumbling, Extent : Mode				·	
	Location : Reading Area					
Interior Walls						
Ceramic Tile	3%	2033	* *	5	\$300	
Concrete Masonry Unit		0 LIFE	* *	5	\$3,300	
5	Horizontal Cracks, Extent : Severe,		5%	-	·-)	
	Location : I T Closet					
	Vertical Cracks, Extent : Moderate,	Area Affected : 1.	5%			
	Location : I T Closet	55				
Glazed Ceramic Panel	5%	LIFE	* *			
Ceilings	-					
AcousTileConcealSpLn	85%	2029	\$74,200	5	\$11,100	
p	Staining/Discoloring, Extent : Light,			2	+11,100	
	Location : Main Office	55				
Gypsum Board	15%	LIFE	* *	5	\$2,000	
Oypsum Doard	1.0 / 0			5	Ψ2,000	

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.*

MARCY BRANCH LIBRARY

Asset #: 13258

		A55el # . I						
Electrical		Current Repair Future Replacement				Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%		2024	\$1,500	5	\$200		
		servation, Extent : Moderate n : Electrical Room	, Area Affe	ected : 100%				
	Explana	tion : One 400 Amperes Mai	n Disconn	ect Switch				
Switchgear / Switchboard								
Molded Case Bkrs	100%		2024	\$33,500	5	\$200		
Raceway								
Conduit	100%		2024	\$32,500	1			
Panelboards								
Fused Disc Sw	5%		2023	\$800	5			
Fused Toggle Switch	5%		2049	* *	5			
		led Life, Extent : Moderate, . n : Electrical Room	Area Affec	ted : 100%				
Molded Case Bkrs	70%		2023	\$10,800	5	\$100		
Molded Case Bkrs	20%		2023	**	5	\$100		
Wiring	2070		2040		5			
Braided Cloth	50%	2-4 \$14,400	2049	* *	1			
Divided Crown	Insulation	Aged, Extent : Moderate, A : Throughout The Building		ed : 100%	1			
			2024	¢0.(00	1			
Thermoplastic	30%		2024	\$8,600 * *	1			
Thermoplastic	20%		2044		1			
Motor Controllers	100%		2022	\$15 600	5	\$100		
Locally Mounted	100%		2022	\$15,600	5	\$100		
Ground Grounding Devices								
Generic	100%		LIFE	* *	5	\$100		
ighting	10070		LIFL		5	\$100		
Interior Lighting								
Fluorescent	90%		2029	\$70,000	10	\$6,200		
		servation, Extent : Light, Are	a Affected	-		+ • ,_ • •		
		: Throughout The Building						
	Explana	tion : T-8 Lamps						
Fluorescent	8%	•	2029	\$6,200	10	\$600		
1 1001 000 000		s And Fixtures, Extent : Moa			10	4000		
	-	n : Throughout The Building	ŕ	55				
Incandescent	2%	0 0	2020	\$1,600	2			
Egress Lighting	270		2020	\$1,000	-			
Emergency, Battery	50%		2029	\$5,200	10	\$900		
Exit, Service	50%		2029	\$600	1	4700		
Exterior Lighting	2070			\$000	-			
HID	100%		2020	\$29,300	10			
Alarm)- 24	-			
Security System								
No Component	70%							
No component								

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

			A3361#.13					
Electrical	Current Repair Future Replacement Maintenance						aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
larm Fire/Smoke Detection Generic	100%			2029	\$80,400	1-3	\$4,800	
Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Ieating Energy Source Natural Gas	100%			2044	* *	1		
Conversion Equipment Furnace	Location	: First Flo	Extent : Light, Area oor Mechanical Roo ct Mounted Gas Fu	om	\$6,900 1: 40%	1	\$1,500	
Hot Water Boiler	Location Other Obs Location	Extent : M : First Flo ervation, E : First Flo	\$700 Joderate, Area Affe for Mechanical Ro Extent : Light, Area for Mechanical Ro S Fired Hot Water	om, Top . Affected om	Boiler Panel Badly	1 Corroda	\$2,000 ed	
Distribution Hot Wtr Piping/Pump	100% Corroded,	0-2 Extent : M	\$200 Ioderate, Area Affe	2040 cted : 50	* * % 2 Badly Corroded	4 Pump Si	\$400 uction Piping	
Terminal Devices Air Handler Convector/Radiator	40% 60%			2024 2029	\$40,900 \$23,400	1 1	\$1,900 \$1,500	
ir Conditioning Energy Source Electricity	100%			2040	* *	1		
Conversion Equipment Int Pkg Unit - Heating/Cooling	100%			2022	\$154,700	2	\$500	
Heat Rejection Dry Cooler entilation	100%			2024	\$39,600	2	\$5,200	
Distribution Ductwork/Diffusers Exhaust Fans	100%			LIFE	* *	2-5	\$4,200	
Interior Roof	80% 20%			2024 2029	\$20,700 \$2,400	2 2	\$200	
lumbing H/C Water Piping Brass/Copper	100%			2034	* *	1		
Water Heater Gas Fired	100%						\$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.

MARCY BRANCH LIBRARY Asset # : 13258

lechanical		Current Repair		Future Replacement		Maintenance				
ystem Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
umbing										
Sanitary Piping										
Cast Iron	100%		LIFE	* *	1					
Storm Drain Piping										
Cast Iron	100%		LIFE	* *	1					
Backflow Preventer										
Generic	100%		2029	\$1,800	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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address	: MIDWOOD : 975 EAST 1				-	
Borough	: BROOKLY	N		VENUE	Agency's Number Yr Built/Renovated	: 48
Program / Asset # Area Sq Ft Date of Survey	: BPL0M48.0 : 12,218		9		Project Type	: 1955 / 2001 : BROOKLYN PUBLIC LIBRARY : NONE
Areas Surveyed	: 03-Oct-2017 : Basement, F	Roof, Floo			Landmark Status	· NONE
Block	: 6709	Lot	:	54	BIN FY 2020 - 2023	: 3179706 FY 2024 - 2029
Exterior Architec	ture				\$119,300	
Electrical Mechanical						\$132,300 \$270,400

Total	\$119,300	\$402,700
Importance Code A	\$119,300	
Importance Code B		\$402,700
Total	\$119,300	\$402,700

Total	\$131,900	\$7,100	\$8,100	\$10,400
Importance Code C	\$12,000			\$700
Importance Code B	\$48,100	\$6,500	\$6,900	\$9,100
Importance Code A	\$71,700	\$600	\$1,100	\$600
Total	\$131,900	\$7,100	\$8,100	\$10,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Site Pavements	\$2,000			
Mechanical	\$10,800	\$2,300	\$2,700	\$1,800
Electrical	\$1,500	\$800	\$900	\$1,000
Interior Architecture	\$42,400			\$3,500
Exterior Architecture	\$71,100		\$500	
EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
		\$117,000		\$10 2 ,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 #: 13259

		ASSEL#	. 15255					
chitecture		Current Repair	e Replacement	ent Maintenance				
stem Component Type	% of Total	Fail Date Estimated C (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Prior	
erior								
Exterior Walls								
Glass Block	2%		LIFE	* *	5	\$500		
Masonry: Brick	85%		LIFE	* *	5	\$32,600		
		'racks, Extent : Light, Are v : Pilaster	ea Affected : 1	%				
Masonry: Fieldstone	10%		LIFE	* *	5	\$2,900		
Window Wall	3%		2049	* *	5	\$2,200		
Window Wun	Glazing C	louded, Extent : Moderat : Throughout		ed : 75%	5	\$2,200		
Windows	Locuitor	. Intoughout						
Aluminum	100%	Now \$26,0	00 2045	* *	5	\$1,500		
Aluiiiiiuiii					5	\$1,500		
	Hardware Missing, Extent : Moderate, Area Affected : 10%							
	Location : Throughout Water Penetration, Extent : Light, Area Affected : 10%							
		erration, Extent : Eight, F e : Around Windows In Sta			ughout			
Derenets	Locuitor	mound windows in Su	uncuse, vunc	us Locations Three	ngnoui			
Parapets Cast Stone/Terra Cotta	10%		LIFE	* *	5-10	\$11,100		
Concrete Masonry Unit	45%		LIFE	* *	5-10	\$9,700		
Masonry: Brick	45%		LIFE	* *	5-10	\$12,000		
Roof	4370		LIFE		5-10	\$12,000		
Asphalt Shingle	15%		2032	* *	10	\$500		
Modified Bitumen		Now \$119,3		* *	10	\$500		
Modified Dituition		ıg, Extent : Moderate, Ar		10%				
		: Throughout	eu Tyjeereu .	070				
		Extent : Moderate, Area A	ffected · 5%					
		: Throughout	<i>jjeered</i> • <i>e , e</i>					
		ad/Misposn, Extent : Mod	lerate Area A	ffected · 5%				
		e : Back Of Building	<i>cruic</i> , <i>mcun</i>	geelea : 570				
	Ponding, Extent : Moderate, Area Affected : 10%							
	Location : Back Of Building							
	Water Penetration, Extent : Moderate, Area Affected : 5%							
		: Throughout						
		ervation, Extent : Moder	ate. Area Affe	cted : 25%				
		: Lower Roof						
		tion : Protection Board A	dded Due To	Construction Next	Door			
Skylight, Metal/Glass	5%		2049	* *	10	\$3,500		
Soffits	570		2019		10	\$5,500		
Stucco Cement	100%	Now \$1,1	00 2042	* *	5	\$900		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
	0	: Throughout		,				
		ling, Extent : Moderate, A	Area Affected .	. 5%				
		: Throughout		-				
		Discoloring, Extent : Mod	erate. Area A	fected : 5%				
	-	: Throughout		,				
		netration, Extent : Modera	ata Araa Affa	ated · 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 # : 13259

			A3561 # . 13	200					
Architecture		Current I	Repair	Futur	e Replacement	t	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Co	st	Cycle (Yrs)	Estimated Cost	Priority
nterior									
Floors									
Cast in Place Concrete	5%			LIFE		*	5	\$4,900	
Ceramic Tile	5%			2038		*	5	\$1,100	
Terrazzo		Now	\$10,800	LIFE		*	5	\$1,800	
	ē	Crumbling, : At Stairs	Extent : Light, Ard	ea Affecto	ed : 10%				
Vinyl Tile	80%	Now	\$7,900	2034	*	*	3	\$6,800	
-	-	-	Extent : Moderate d Second Floor Red	-	-				
Interior Walls									
Ceramic Tile	5%			2038	*	*	5	\$1,400	
Concrete Masonry Unit	80%			LIFE	*	*	5	\$18,200	
Gypsum Board	15%	Now	\$900	LIFE	*	*	5	\$2,600	
-) [Paint Peel	ing, Extent	t : Moderate, Area . out, At Windows		: 5%		-		
			Extent : Moderate, A out, At Windows	Area Affe	cted : 5%				
Ceilings									
AcousTileSusp.Lay-In	-	0-2 Discoloring, : Through	\$7,500 Extent : Moderate, out	2042 , Area A		*	5	\$9,000	
	Water Pen	_	xtent : Moderate, A	Area Affe	cted : 5%				
Gypsum Board	Cracking/O Location	: Through	\$1,200 Extent : Moderate out, At Windows	-	ffected : 5%	*	5	\$2,800	
			xtent : Moderate, A out, At Windows	Area Affe	cted : 5%				
Plaster	10%			LIFE	*	*	5-10	\$3,900	
ite Enclosure									
Fence/Gates									
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	-	\$600 xtent : Moderate, A	2042 rea Affeo		*			
-		: Side Ent	runce						
Pavers/Stone	25%			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.

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

Asset # : 13259

Architecture	Current Repair Future Replacement					Μ		
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority
ite Pavements Parking/Driveway								
Asphalt	Location Potholes, E Location	Trumbling, I : Througho Extent : Mod : Side Lot	\$1,400 Extent : Light, Ard ut lerate, Area Affec ent : Moderate, A	ted : 5%				
	Location	: Side Lot azard, Exte	nt : Moderate, Ar					
Electrical		Current R	epair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Service Equipment Fused Disc Sw		ervation, Ex : Electrical	tent : Light, Area Room	2049 Affected	* *	5	\$100	
	Explanati	on : Main S	Service Disconned	t Switch	Rated At 600 Amp	peres		
Switchgear / Switchboard Fused Disc Sw	Location	: Electrical		2049 Affected	* *	5		
Molded Case Bkrs	50% Other Obse Location	ervation, Ex : Electrical	tical Section tent : Light, Area Room tical Section	2049 Affected	* *	5	\$200	
Raceway	Елріанан	<i>on</i> . 1- <i>ven</i>	icui section					
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 Generic	100%			LIFE	* *	5	\$400	
	Location	: Basement	tent : Light, Area cted To Metal Wa		: 100%			

Lighting

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

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

Asset # : 13259

			A3561#.1.					
Electrical		Current I	Repair	Futur	e Replacement	Μ		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ighting								
Interior Lighting								
Fluorescent	96%			2034	* *	10	\$10,800	
			Extent : Light, Area	Affected	: 100%			
		tion : T-8 L	out The Building					
Fluorescent	1%		umps	2024	\$1,300	10	\$100	
Fluorescent			ures, Extent : Ligh		-	10	\$100	
		1 : Storage		<i>ı</i> , <i>11/cu 1</i>	<i>Jecieu</i> : 10070			
LED	3%			2037	* *			
			Extent : Light, Area		: 100%			
	Location	ı : Staircase	e And 2nd Floor					
	Explana	tion : LED	Light Fixtures					
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	\$1,500	
Exit, Service	50%			2037	* *	1		
Exterior Lighting	-0/			••••	**	10		
HID	5%			2029	\$2,400 * *	10		
LED	20%			2037	* *			
No Component	75%							
larm Security System								
No Component	70%							
Generic	30%			2037	* *	1	\$1,400	
			Extent : Light, Area		: 100%	-	\$1,100	
		ı : Inside A						
	Explana	tion : CCT	V Surveillance Can	neras, Int	trusion Alarm Syst	em, Pani	c Doors	
Fire/Smoke Detection								
Generic, Analog	100%			2029	\$131,000	1-3	\$7,800	
			Extent : Light, Area	Affected	: 100%			
			out The Building					
	Explana	tion : Smok	e Detectors And A	larm Bell	S			
lechanical		Current I	Repair	Futur	e Replacement	Μ	laintenance	
System	% of	Fail Data	Estimated Cost	Vear	Estimated Cost	Cvele	Estimated Cost	Priori
Component	Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	111011
Туре		()				· · /		
eating								
Energy Source	1000/			2040	* *	1		
Natural Gas	100%			2049		1		
Conversion Equipment Hot Water Boiler	100%			2034	* *	1	\$6,000	
not water boller			Extent : Light, Area			1	\$0,000	
			nt Boiler Room	ingecieu	. 100/0			
		tion : 1 Uni						
Distribution	-r							
Hot Wtr Piping/Pump	100%			2037	* *	4	\$900	
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

		A5561#.15					
Mechanical	Current R	epair	Futur	e Replacement	Μ		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Air Handler	50%		2029	\$83,300	1	\$3,800	
Convector/Radiator	40%		2034	* *	1	\$1,600	
Fan Coil Unit/Heat	10%		2029	\$17,700	1	\$400	
	Other Observation, Ex	tent : Light, Area	Affected				
	Location : Basement						
	Explanation : Basem	ent Area					
Air Conditioning	-						
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Reciprocating	30%		2029	\$30,200	1	\$1,700	
Compr/Chiller				-		-	
-	Other Observation, Ex	tent : Light, Area	Affected	: 30%			
	Location : Roof						
	Explanation : 1 Unit	On The Higher R	oof				
Ext Pkg Unit -	70% Now	\$5,200	2029	\$103,900	2	\$400	
Heating/Cooling				. ,		·	
8 8	R-22 Refrigerant, Exte	ent : Light, Area A	ffected :	100%			
	Location : Roof						
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location : Roof						
	Explanation : 2 Unit	s On Lower Roof.					
Distribution	*	v					
CW & CHW Wtr	30%		2039	* *	4	\$200	
Pipe/Pump							
No Component	70%						
Terminal Devices							
Fan Coil - 4 Pipe	30%		2029	\$83,200	1	\$1,200	
No Component	70%			. ,			
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,800	
Exhaust Fans						,	
Interior	25%		2029	\$10,500	2	\$100	
Roof	75%		2029	\$14,800	2	\$300	
Plumbing			-	. ,			
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater							
Gas Fired	100%		2024	\$7,200	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping					-		
Cast Iron	100%		LIFE	* *	1		
	10070				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 Replace	cement	Μ				
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority		
Plumbing								
Sewage Ejector(s)								
Electric	100%	2029	\$3,400	4	\$700			
	Other Observation, Extent : Lig	ght, Area Affected : 100%						
	Location : Boiler Room							
	Explanation : 1 Set							
Backflow Preventer								
Generic	100%	2037	* *	1	\$800			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : First Floor Work F							
	Explanation : First Floor Wo	rk Room						
Fixtures								
Generic	100%							
Vertical Transport								
Elevators			* *					
Hydraulic	100%	LIFE	* *					
	Other Observation, Extent : Lig							
	Location : Basement To 2nd I	loor						
	Explanation : 1 Unit							
Fire Suppression								
Sprinkler	200/							
No Component	70%	2020	* *	1.0	¢1.000			
Generic	30%	2039	* *	1-2	\$1,000			
	Other Observation, Extent : Lig	ght, Area Affected : 30%						
	Location : Basement							
	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.

Page : 181

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

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 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$59,100	\$152,000
Interior Architecture		\$7,800
Electrical		\$158,200
Mechanical		\$91,100
Total	\$59,100	\$409,000
Importance Code A	\$59,100	\$152,000
Importance Code B		\$257,100
Total	\$59,100	\$409,000

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$14,900		\$1,200	
Interior Architecture	\$600	\$2,700	\$400	\$600
Electrical	\$800	\$700	\$800	\$800
Mechanical	\$4,800	\$500	\$1,000	\$500
Total	\$21,200	\$3,900	\$3,400	\$2,000
Importance Code A	\$15,300	\$400	\$1,500	\$400
Importance Code B	\$5,900	\$3,500	\$1,800	\$1,500
Importance Code C				\$100
Total	\$21,200	\$3,900	\$3,400	\$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 # : 13260

	Jurrent R	epair	Futur	e Replacement	M	aintenance	
		Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
100%	Now	\$50,100	LIEE	* *	5	\$18,000	
				ted : 5%	5	\$18,900	
-							
Jnt Mortar M	Aiss/Erod	Extent : Moderat	e, Area A	Affected : 25%			
Location :	West Fac	ade					
					_		
					5	\$300	
-		-	jecieu . 1	2370			
	-		te, Area	Affected : 30%			
-							
				* *	5		
					5	\$400	
			rea Affec	cted : 10%			
			rea Affec	rted : 25%			
-	-		. eu 1 Jjee				
10%	Now	\$2,000	2029	\$10,000	5	\$2,600	
	-	-	Affected	: 25%			
			Area Afj	fected : 50%			
	Over Sec	ond Floor Roof					
			2037	* *	5-10	\$2,800	
		+			5	\$500	
0	0			0			
		-	-				
-							
90%		.	2029	\$136,800	10	\$9,700	
		00	ea : 25%				
			rea Affer	rted · 25%			
-	-		i cu rijjet				
	% of Total F 100% Diagonal Cr Diagonal Cr Location : Jnt Mortar M Location : 100% Air Infiltrati Location : Caulking De Location : Caulking De Location : S% Deformed/D Location : Location : 10% Corrosion/R Location : Location : 9% Cracking/Cr Location : 10% 2% Cracking De Location : Quiking De Location : Seams Open 10% Blisters, Extunction : Seams Open Seams Open 10%	% of Fail Date Total (Years) 100% Now Diagonal Cracks, Extended to the set of	Total (Years) 100% Now \$59,100 Diagonal Cracks, Extent : Moderate, An Location : Southeast Corner At Second Jnt Mortar Miss/Erod, Extent : Moderat Location : West Facade 100% Now \$4,700 Air Infiltration, Extent : Severe, Area Af Location : Throughout Caulking Deteriorated, Extent : Moderat Location : Throughout 73% 5% Now \$2,900 Deformed/Dented, Extent : Moderate, A Location : Coping At North Side Seams Open/Split, Extent : Moderate, A Location : Coping 10% Now \$2,000 Corrosion/Rusting, Extent : Light, Area Location : Over Second Floor Roof Deteriorated Finish, Extent : Moderate, Location : Over Second Floor Roof 2% Now \$800 Cracking/Crumbling, Extent : Moderate Location : Coping Over Free Standing Caulking Deteriorated, Extent : Moderate Location : Coping Over Free Standing Caulking Deteriorated, Extent : Moderate Location : Coping Over Free Standing Caulking Deteriorated, Extent : Moderate Location : Coping Over Free Standing Solw Solw Solw Solw Second Floor Solw Caulor : Coping Over Free Standing Caulking Deteriorated, Extent : Moderate, Area A	% of Fail Date Estimated Cost Total (Years) Year FY 100% Now \$59,100 LIFE Diagonal Cracks, Extent : Moderate, Area Affector Location : Southeast Corner At Second Floor Jnt Mortar Miss/Erod, Extent : Moderate, Area Affector Location : West Facade 100% Now \$4,700 2040 Air Infiltration, Extent : Severe, Area Affected : Location : Throughout Caulking Deteriorated, Extent : Moderate, Area Location : Throughout 73% LIFE 5% Now \$2,900 2044 Deformed/Dented, Extent : Moderate, Area Affector Location : Coping At North Side Seams Open/Split, Extent : Moderate, Area Affector Location : Coping 10% Now \$2,000 2029 Corrosion/Rusting, Extent : Light, Area Affector Location : Over Second Floor Roof Deteriorated Finish, Extent : Moderate, Area Affector Location : Over Second Floor Roof 10% Now \$800 LIFE Cracking/Crumbling, Extent : Moderate, Area Affected Location : Coping Over Free Standing Parapee Caulking Deteriorated, Extent : Moderate, Area Affected Location : Coping Over Free Standing Parapee 90% 2029 10% Now \$4,600 2029 10% Now \$4,600 2029	% of TotalFail Date Estimated Cost (Years)Year FYEstimated Cost FY100%Now\$59,100LIFE**100%Now\$59,100LIFE**Diagonal Cracks, Extent : Moderate, Area Affected : 5% Location : Southeast Corner At Second FloorInt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25% Location : West Facade100%Now\$4,7002040**Air Infiltration, Extent : Severe, Area Affected : 25% Location : ThroughoutCaulking Deteriorated, Extent : Moderate, Area Affected : 30% Location : Throughout73%LIFE**73%LIFE**5%Now\$2,900204473%LIFE**Deformed/Dented, Extent : Moderate, Area Affected : 10% Location : Coping At North SideSeams Open/Split, Extent : Moderate, Area Affected : 25% Location : Over Second Floor Roof10%Now\$2,0002029\$10,000Corrosion/Rusting, Extent : Moderate, Area Affected : 50% Location : Over Second Floor Roof2037**10%Now\$800LIFE**2%Now\$800LIFE**Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : Coping Over Free Standing Parapet2040Gaulking Deteriorated, Extent : Moderate, Area Affected : 25% Location : Coping Over Free Standing Parapet204090%2029\$136,80010%Now\$4,6002029\$15,200Blisters, Extent : Moderate, Area Affected : 25% Location : Over Second Floor25% Locatio	% of Fail Date Estimated Cost Total (Years)Year Estimated Cost FYCycle (Yrs)100% Now\$59,100LIFE**5Diagonal Cracks, Extent : Moderate, Area Affected : 5% Location : Southeast Corner At Second Floor Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25% Location : West Facade100% Now\$4,7002040**5Air Infiltration, Extent : Severe, Area Affected : 25% Location : Throughout2040**573%LIFE**55% Now\$2,9002044**5Deformed/Dented, Extent : Moderate, Area Affected : 10% Location : Coping At North Side Seams Open/Split, Extent : Moderate, Area Affected : 25% Location : Coping10%\$10%Now\$2,0002029\$10,0005CorrosionRusting, Extent : Moderate, Area Affected : 25% Location : Over Second Floor Roof2037**5-1010%Now\$800LIFE**5Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : Coping Over Free Standing Parapet2037**5-102%Now\$800LIFE**5Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : Coping Over Free Standing Parapet2029\$136,8001010%Now\$4,6002029\$136,8001010%Now\$4,6002029\$15,200Blisters, Extent : Moderate, Area Affected : 25% Location : Coping Over Free Standing Parapet20%1090%\$2029\$136,80010<	% of TotalFail Date (Years)Vear FYEstimated Cost (Yrs)Cycle (Yrs)Estimated Cost (Yrs)100%Now\$59,100LIFE**5\$18,900Diagonal Cracks, Extent : Moderate, Area Affected : 5% Location : Southeast Corner A: Second Floor Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25% Location : West Facade5\$300100%Now\$4,7002040**5\$300Air Infiltration, Extent : Severe, Area Affected : 25% Location : Throughout Caulking Deteriorated, Extent : Moderate, Area Affected : 30% Location : Throughout\$2,9002044**5\$40073%LIFE**5\$2,600\$%\$4,00\$400\$400Deformed/Dented, Extent : Moderate, Area Affected : 10% Location : Coping A North Side\$2,0002029\$10,000\$\$2,600Seams Open/Split, Extent : Moderate, Area Affected : 25% Location : Over Second Floor Roof\$2000\$\$2,000\$\$2,00010%Now\$2,0002029\$10,000\$\$2,600\$\$2,600Corrosion/Rusting, Extent : Moderate, Area Affected : 25% Location : Over Second Floor Roof\$\$\$\$10%Now\$800LIFE**\$\$\$\$20%Location : Over Second Floor Roof\$\$\$\$\$\$10%Now\$800LIFE**\$\$\$\$\$\$20%Now\$\$\$

Note : 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 Repair Future Replacement Maintenance			aintenance			
System Component Type	% of Total	Fail Date Estimated ((Years)	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	
	-	place Evident, Extent : L : First Floor	ight, Area Affe	ected : 100%			
Vinyl Tile	15%		2029	\$7,800	3	\$400	
Vinyl Tile	60%		2032	* *	3	\$1,800	
		tallation, Extent : Light, : First Floor	Area 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 Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated ((Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2034	* *	5	\$200	
Monded Case DATS	Other Obs Location	ervation, Extent : Moder : Electrical Room	ate, Area Affe		5	ψ200	
Conital and / Conital has ad	Explana	tion : Main Service Swite	n Kalea Al 00	0 Amperes			
Switchgear / Switchboard Molded Case Bkrs	100%		2034	* *	5	\$200	
Raceway Conduit	100%		2034	* *	1		
Panelboards							
Fused Disc Sw	25%		2032	* *	5		
	75%		2032	* *	5	\$100	
Molded Case Bkrs							
Molded Case Bkrs Wiring Thermoplastic	100%		2034	* *	1		
Wiring	100%		2034	* *	1		

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

Asset # : 13260

ectrical	Current Repair Future Replacement			Μ		
tem Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
hting						
Interior Lighting	170/	2020	#25 000	10	#2 100	
Fluorescent	45%	2029	\$35,000	10	\$3,100	
	T-8 Lamps And Fixtures, Extent : Mo Location : Throughout The Buildin		Affected : 100%			
Fluorescent	5%	2029	\$3,900	10	\$300	
	Other Observation, Extent : Moderat	te, Area Affec	cted : 100%			
	Location : Entrance Area					
	Explanation : Compact Fluorescen			10	#2 400	
Fluorescent	50%	2029	\$38,900	10	\$3,400	
	T-5 Lamps And Fixtures, Extent : Mo Location : Throughout The Buildin		Affected : 100%			
Egress Lighting	500/	2020	Ø5 000	10	¢000	
Emergency, Battery Exit, LED	50% 50%	2029 2052	\$5,200 * *	10 1	\$900	
Exterior Lighting	30%	2032		1		
Fluorescent	50%	2029	\$12,400	10	\$300	
11401000011	Other Observation, Extent : Moderat				4500	
	Location : Front Entrance					
	Explanation : Compact Fluorescen	t Light Fixtu	res			
HID	50%	2029	\$14,700	10		
rm						
Security System						
Generic	100%	2029	\$23,500	1	\$2,800	
	Other Observation, Extent : Moderat		cted : 100%			
	Location : Throughout The Buildin	-				
Fire/Smoke Detection	Explanation : CCTV Surveillance (.amera Syste	m			
Generic	100%	2029	\$80,400	1-3	\$4,800	
Generic	Other Observation, Extent : Moderat			1-5	\$7,000	
	Location : Throughout The Buildin					
	Explanation : Manual Pull Station,	Strobe Light	ts And Alarm Bell	s		
echanical	Current Repair	Future	Replacement	Μ	aintenance	
tem Component	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
Туре	Total (Tears)	F I		(113)		
ting						
Energy Source	1000/ 35	• • • •				
Natural Gas	100% Now	2044	* *	1		
	Other Observation, Extent : Severe, A Location : Gas Meter Room	Area Affectea	1:100%			
	Explanation : There Is No Vent For	r The Gas Me	eter Room			
	Explanation . There is no vent Fol	The Ous Me	ner Koom			
Conversion Equipment		2029	\$17,100	1	\$3,700	
Conversion Equipment Furnace	100%			1	ψ_{2}, ψ_{3}	
Conversion Equipment Furnace	100% Other Observation, Extent : Light, A					
	100% Other Observation, Extent : Light, A Location : Roof					

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

Asset #: 13260

Mechanical	Current Re	pair Futu	Future Replacement		Maintenance	
System Component Type	% of Fail Date E Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2040	* *	1		
Conversion Equipment						
Ext Pkg Unit -	100%	2029	\$91,100	2	\$500	
Heating/Cooling						
	R-22 Refrigerant, Exten	t : Light, Area Affected :	100%			
	Location : 1 Package	Unit On The Roof				
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,200	
Exhaust Fans						
Roof	100%	2029	\$12,100	2	\$200	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2034	* *	1		
Water Heater						
Gas Fired	100%	2020	\$4,400	2	\$100	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					

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

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

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name	: NEW LOTS BRANCH LIBRARY		
Address	: 665 NEW LOTS AVE. @BARBEY ST.		
Borough	: BROOKLYN	Agency's Number	: 52
Program / Asset #	: BPL0006.000 / 4203	Yr Built/Renovated	: 1957 / 2000
Area Sq Ft	: 23,736	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 23-Oct-2017	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 4090 Lot : 1	BIN	: 3090726
CADITAL		EV 2020 2022	EV 2024 - 20

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$851,300	
Interior Architecture	\$74,400	\$272,200
Electrical		\$139,800
Mechanical		\$345,200
Total	\$925,700	\$757,200
Importance Code A	\$851,300	
Importance Code B	\$74,400	\$757,200
Total	\$925,700	\$757,200

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$83,300			
Interior Architecture	\$61,200		\$9,400	\$3,900
Electrical	\$23,500	\$700	\$900	\$1,000
Mechanical	\$12,200	\$3,500	\$4,600	\$2,600
Site Enclosure	\$6,300			
Site Pavements	\$300			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$190,800	\$8,100	\$18,800	\$11,400
Importance Code A	\$84,500	\$1,200	\$1,200	\$1,200
Importance Code B	\$66,200	\$7,000	\$17,700	\$10,200
Importance Code C	\$40,000			
Total	\$190,800	\$8,100	\$18,800	\$11,400



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.

NEW LOTS BRANCH LIBRARY

Asset # : 4203

Architecture	Current Repair	Current Repair Future Replacement			
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priorit
xterior					
Exterior Walls			_		
Masonry: Brick	80% Now \$222,700 Diagonal Cracks, Extent : Moderate, A. Location : Corners, Throughout, Arou Efflorescence, Extent : Moderate, Area Location : Throughout	nd Windows Affected : 25%	5	\$23,800	1
	Jnt Mortar Miss/Erod, Extent : Severe, . Location : Throughout, Corners	Area Affectea : 55%			
	Misaligned/Bulging, Extent : Severe, Ar Location : Around Windows	rea Affected : 20%			
	Rusting Masonry Supt, Extent : Modera Location : Bulkheads, Around Window	VS			
Granite Panels	8% Now \$52,200 Cracking/Crumbling, Extent : Moderate Location : Various Jnt Mortar Miss/Erod, Extent : Severe, . Location : South Facade		5	\$1,800	
	Misaligned/Bulging, Extent : Moderate, Location : South Facade	Area Affected : 10%			
Slate Panels	2% Now \$32,200 Cracking/Crumbling, Extent : Severe, A Location : North Facade	LIFE ** rea Affected : 25%	5	\$400	
	Spalling, Extent : Severe, Area Affected Location : North Facade	: 20%			
Window Wall	10% 0-2 \$29,600 Water Penetration, Extent : Moderate, A Location : Stair	2049 ** Area Affected : 15%	5	\$5,600	
Windows Aluminum	100% Now \$383,700 Air Infiltration, Extent : Moderate, Area Location : Throughout Deteriorated Finish, Extent : Moderate,		5	\$4,400	
	Location : Throughout Glazing Clouded, Extent : Moderate, An Location : Throughout				
	Water Penetration, Extent : Moderate, A Location : North Facade, South Facad	le, Stair, Classroom			
	Weather Strip Missing, Extent : Modera Location : Throughout	ne, Area Affected : 25%			

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

NEW LOTS BRANCH LIBRARY

Asset # : 4203

Architecture	Current Repair Future Repla		e Replacement	Maintenance			
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior							
Parapets							
Masonry: Brick	93% Now	\$131,600	LIFE	* *	5	\$4,400	1
	Diagonal Cracks, Ex		rea Affect	ed : 10%			
	Location : Corners						
	Efflorescence, Exten		Affected :	10%			
	Location : Through			1 100/			
	Horizontal Cracks, 1		Area Affec	eted : 10%			
	Location : Through						
	Jnt Mortar Miss/Ero		Area Affe	cted : 50%			
	Location : Through		A A CC	. 1 200/			
	Water Penetration, I			cted : 20%			
	Location : North F	acaae, south Facad				* · • • ·	
Masonry: Granite	2%		LIFE	* *	5-10	\$1,300	
Masonry: Limestone	5% Now	\$15,400	LIFE	* *	5	\$300	1
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 35%						
	Location : Coping		A A.CC	. 1 250/			
	Caulking Deteriorat Location : Coping	ed, Extent : Severe,	Area Affe	ected : 35%			
D f	Location . Coping						
Roof	2%		2038	* *	10	\$100	
Asphalt Shingle Modified Bitumen	98% 0-2	\$61,200	2038	* *	10	\$100	
Modified Bituilien	Blisters, Extent : Mo						
	Location : Roof Ov		cu . 1070				
	Ponding, Extent : Se		: 10%				
	Location : Lower I						
Soffits		7 0					
Cast in Place Concrete	100% Now	\$5,000	LIFE	* *	5	\$900	
	Cracking/Crumbling		rea Affect	ted : 20%		• • • •	
	Location : Canopy At Service Entrance						
	Horizontal Cracks, I	Extent : Severe, Are	a Affected	l : 5%			
	Location : Canopy	At Service Entranc	е				
nterior							
Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$7,800	
Ceramic Tile	3%		2032	* *	5	\$1,100	
Terrazzo	5% 4+	\$4,300	LIFE	* *	5	\$1,400	
	Ponding, Extent : M						
	Location : Landing	Of Main Staircase	- Slipping	g Hazard			
Vinyl Tile	87% 4+	\$13,600	2029	\$272,200	3	\$11,600	
	Cracking/Crumbling	-	ea Affecte	d : 5%			
	Location : First Fl	oor					

Note : 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

Architecture		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
nterior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$2,100	
Glass: Single Pane	2%	0-2	\$16,400	LIFE	* *	5	\$400	
		-	ents, Extent : Mod					
			e Doors At First, B			\$		
			xtent : Moderate, A					
			e Doors At Baseme	nt, First	And Second Floor	\$		
	Explana	tion : Deter	iorated Finish					
Gypsum Board	10%			LIFE	* *	5-10	\$4,500	
Marble Panels	5%			LIFE	* *	10	\$500	
Plaster	68%			LIFE	* *	5-10	\$15,200	
SGFT/Glazed Masonry	5%		\$2,600	LIFE	* *			
	-	-	Extent : Moderate	-	-			
			ir Between Basem					
	Water Per	ietration, E	xtent : Light, Area	Affected	: 5%			
	Location	ı : Main Sto	ir Between Basem	ent And I	First Floor			
Ceilings								
AcousTileConcealSpLn		Now	\$74,400	2049	* *	5	\$5,600	
			, Extent : Light, Ar	ea Affec	ted : 10%			
		ı : Through						
			Extent : Moderate	, Area A	ffected : 25%			
		ı : Through						
			xtent : Moderate, A		ected : 20%			
			Floor, Around Wind					
AcousTileSusp.Lay-In	50%			2042	* *	5	\$17,800	
Plaster		Now	\$6,000	LIFE	* *	5	\$5,600	
			xtent : Light, Area	Affected	: 5%			
	Location	ı : Stairwel						
Site Enclosure								
Fence/Gates	• • •			0000				
Chain Link	2%		<i></i>	2039	* *			
Iron Picket	98%		\$6,300	2064	* *			
		-	xtent : Moderate, A					
	Location	і : Schenck	Avenue And Rear)f Buildi	ing			
Site Pavements								
Public Sidewalk	1000/			2042	* *			
Cast in Place Concrete	100%			2042				
On-Site Walkways	050/	4 1	ФЭ ОО	2020	* *			
Asphalt	95% Cracking		\$300 Extent : Light An	2038				
		Crumbling, 1 : Various	Extent : Light, Are	cu Affect	eu : 5%			
	-			00.10				
Cast in Place Concrete	5%			2042	* *			
Parking/Driveway	1000/			0000	بلد برای			
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

		ASSEL # . 4					
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
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2029	\$2,600	5	\$100	
		vervation, Extent : Light, Area n : Electrical Room	Affected	: 100%			
			Diagona	and Switch			
Switchgear / Switchboard	Explana	tion : One 1200 Ampere Main	Disconn	eet Swiich			
Fused Disc Sw	50%		2029	\$16,700	5	\$100	
Molded Case Bkrs	50%		2029	\$16,700	5	\$300	
Raceway	5070		202)	\$10,700	5	4500	
Conduit	100%		2029	\$32,500	1		
Panelboards				. ,			
Fused Disc Sw	5%		2028	\$1,200	5		
Molded Case Bkrs	95%		2028	\$22,100	5	\$600	
Wiring							
Braided Cloth	70%	. ,	2054	* *	1		
		Aged, Extent : Moderate, Are	a Affecte	ed : 100%			
	Location	a : Throughout The Building					
Thermoplastic	30%		2029	\$8,600	1		
Motor Controllers							
Locally Mounted	100%		2027	\$46,900	5	\$200	
Bround							
Grounding Devices	1000/		TIPP	* *	-	#7 00	
Generic	100%		LIFE	* *	5	\$700	
ighting Interior Lighting							
Interior Lighting LED	100%		2037	* *			
Egress Lighting	10070		2037				
Emergency, Battery	10%		2037	* *	10	\$600	
Emergency, Battery	40%		2024	\$13,300	10	\$2,300	
Exit, Service	5%		2037	* *	1	+_,- • •	
Exit, Service	45%		2024	\$1,600	1		
Exterior Lighting							
HID	100%		2024	\$92,800	10	\$100	
larm							
Security System							
No Component	70%						
Generic	30%		2034	* *	1	\$2,700	
Fire/Smoke Detection	700 (
No Component	70%		2024	* *	1.2	¢ 4 400	
Generic, Digital	30%		2034	r †	1-3	\$4,400	
Mechanical		Current 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)		
турс							

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

Current Repair	Future	Replacement	Μ	aintenance	
% of Fail Date Estimated Total (Years)	l Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
1000/	2040	* *	1		
100%	2049	* *	I		
600/	2020	¢22 500	1	\$7,000	
			1	\$7,000	
	и, тпей турескей .	10070			
-					
	2042	* *	1	\$4 700	
		100%	1	\$1,700	
Location : Basement	55				
Explanation : One Unit					
-					
40%	2037	* *	4	\$700	
60%					
	2034	* *	1	\$3,100	
60%					
1000/	2025	ىك بك			
100%	2037	* *	1		
200/	2024	* *	1	¢2 200	
20%	2034		1	\$2,200	
Other Observation, Extent : Ligh	t. Area Affected :	100%			
Location : Basement	.,,	10070			
Explanation : 2 Units. R-410a					
	2029	\$201 800	2	\$1,000	
,	_0_>	<i>q</i> _ 01,000	-	\$1,000	
R-22 Refrigerant, Extent : Light,	Area Affected : 1	00%			
Location : 2 Units. Roof					
10%	2029	\$49,100			
R-22 Refrigerant, Extent : Light,	Area Affected : 1				
Location : 4 Units. Various Loc	cations				
20%	2034	* *	1	\$1,500	
10%	2029	\$43,800	1	\$800	
70%					
20%	2034	* *	2	\$3,300	
			•	¢1 7 00	
100/	2020				
10%	2029	\$4,600	2	\$1,700	
	2029	\$4,600	2	\$1,700	
10% 70%	2029	\$4,600	2	\$1,700	
	2029	\$4,600	2	\$1,700	
	% of Fail Date Estimated Total (Years) 100% 60% Other Observation, Extent : Light Location : Roof Explanation : 2 Rooftop Units 40% Other Observation, Extent : Light Location : Basement Explanation : One Unit 40% 60% Other Observation, Extent : Light Location : Basement Explanation : One Unit 40% 60% 100% 20% Other Observation, Extent : Light Location : Basement Explanation : 2 Units. R-410a 70% R-22 Refrigerant, Extent : Light, Location : 2 Units. Roof 10% R-22 Refrigerant, Extent : Light, Location : 4 Units. Various Loc 20%	% of TotalFail Date (Years)Estimated Cost FY100%204960%2029Other Observation, Extent : Light, Area Affected : Location : Roof Explanation : 2 Rooftop Units40%2042Other Observation, Extent : Light, Area Affected : Location : Basement Explanation : One Unit40%203760%203760%203700%203720%20340ther Observation, Extent : Light, Area Affected : Location : Basement Explanation : One Unit40%203720%20340ther Observation, Extent : Light, Area Affected : Location : Basement Explanation : 2 Units. R-410a 70%R-22 Refrigerant, Extent : Light, Area Affected : I 	% of TotalFail Date (Years)Estimated Cost FY100% 2049 **60% 2029 \$32,500Other Observation, Extent : Light, Area Affected : 100% 2042 ** $A0\%$ 2042 ** 40% 2042 **Other Observation, Extent : Light, Area Affected : 100% 2042 ** $Location : Roof2042**Explanation : 2 Rooftop Units2042**40\%2042**0ther Observation, Extent : Light, Area Affected : 100\%2037**40\%2037**60\%2034**100\%2037**20\%2034**0ther Observation, Extent : Light, Area Affected : 100\%2029100\%2029$201,800R-22 Refrigerant, Extent : Light, Area Affected : 100\%Location : 2 Units. Roof10\%2029$49,100R-22 Refrigerant, Extent : Light, Area Affected : 100\%Location : 4 Units. Various Locations10\%2029$49,100R-22 Refrigerant, Extent : Light, Area Affected : 100\%Location : 4 Units. Various Locations20\%2034**10\%2029$49,100R-22 Refrigerant, Extent : Light, Area Affected : 100\%Location : 4 Units. Various Locations2034**10\%2029$43,80070\%2034$43,80070\%2034$43,800$	% of Total Fail Date (Years) Stimated Cost FY Year FY Estimated Cost (Yrs) Cycle (Yrs) 100% 2049 ** 1 60% 2029 \$32,500 1 0ther Observation, Extent : Light, Area Affected : 100% Location : Roof Explanation : 2 Rooftop Units 1 1 40% 2042 ** 1 0ther Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : One Unit 1 1 40% 2037 ** 4 60% 2037 ** 1 100% 2037 ** 1 20% 2034 ** 1 20% 2034 ** 1 00ther Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : 2 Units. R-410a 1 1 70% 2029 \$201,800 2 2 R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : 2 Units. Roof 1 1 10% 2029 \$49,100 R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : 4 Units. Various Locations 1	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost FY Cycle (Yrs) Estimated Cost (Yrs) 100% 2049 ** 1 60% 2029 \$32,500 1 \$7,000 Other Observation, Extent : Light, Area Affected : 100% Location : Roof Explanation : 2 Rooftop Units 1 \$40% 2042 ** 1 \$4,700 Other Observation, Extent : Light, Area Affected : 100% Location : Basement 2037 ** 4 \$700 40% 2037 ** 1 \$3,100 60% 2037 ** 1 \$3,100 60% 2037 ** 1 \$3,200 60% 2037 ** 1 \$3,100 60% 2037 ** 1 \$2,200 Other Observation, Extent : Light, Area Affected : 100% Location : Basement ¥ 1 \$2,200 Other Observation, Extent : Light, Area Affected : 100% Location : 2 Units. Roof ¥ 1 \$2,200 Other Observation, Extent : Light, Area Affected : 100% Location : 2 Units. Roof ¥ \$1,000 \$1,000

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

Asset # : 4203

Current Repair			Future	e Replacement	Μ	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
-					2	\$100	
			ected : 1	0%			
		. ,			2	\$400	
			cted : 159	26			
Location	: Roof Exh	aust Fans					
			• • • • •				
50%			2027	\$50,500	1		

100%			2027	\$14,000	2	\$300	
100%			LIFE	* *	1		
1000/			LIDE		1		
100%			LIFE	* *	l		
1000/			••••	*2 5 00		\$ 000	
100%			2029	\$3,500	4	\$800	
1000/			2020	<i>ФС (</i> 00	4	¢1 400	
100%			2029	\$6,600	4	\$1,400	
1000/							
100%							
1000/			LIEE	* *			
	ervation F	rtent · Light Area					
		0	ijjecieu	. 10070			
Lapianai		•					
95%							
			2029	\$11,300	1-2	\$300	
	Total 25% Not in Serv Location 75% Corroded, Location 50% 100% 100% 100% 100% 100% 100% 100% 100% 100%	% of Total Fail Date (Years) 25% Now 25% Now Location : Basemen 75% 75% Now Corroded, Extent : M Location : Roof Exh 50% 100% <t< td=""><td>% of Fail Date Estimated Cost Total (Years) 25% Now \$400 Not in Service, Extent : Severe, Area Affe Location : Basement Staff Lounge 75% Now \$1,400 Corroded, Extent : Moderate, Area Affe Location : Roof Exhaust Fans 50% 50% 100% 100% 100% 100% 100% 00% 100% 100% 100% 100% 100% 100% 100% 100% 00% 100% 100% 100% 00% 100% 100% 100% 100% 00% 100% 00% 100% 0ther Observation, Extent : Light, Area Location : Basement To 2nd Floor Explanation : 1 Unit 95%</td><td>% of Fail Date Estimated Cost Total (Years)Year FY25% Now\$4002029Not in Service, Extent : Severe, Area Affected : In Location : Basement Staff Lounge202975% Now\$1,4002029Corroded, Extent : Moderate, Area Affected : 15% Location : Roof Exhaust Fans203950%2037100%2027100%2029100%2029100%2029100%2029100%2029100%2029100%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%Stent : Light, Area Affected Location : Basement To 2nd Floor Explanation : 1 Unit95%95%</td><td>% of Fail Date Estimated Cost Total (Years) Year Estimated Cost FY 25% Now \$400 2029 \$20,500 Not in Service, Extent : Severe, Area Affected : 10% Location : Basement Staff Lounge \$20,500 75% Now \$1,400 2029 \$28,700 Corroded, Extent : Moderate, Area Affected : 15% Location : Roof Exhaust Fans \$2039 ** 50% 2039 ** 50% 2027 \$50,500 100% LIFE ** 100% 2029 \$3,500 100% LIFE ** 000% LIFE ** 000% LIFE ** 000% LIFE ** 95% 95% 2050</td><td>% of Total Fail Date (Years) Estimated Cost FY Year Estimated Cost (Yrs) 25% Now \$400 2029 \$20,500 2 Not in Service, Extent : Severe, Area Affected : 10% Location : Basement Staff Lounge 2 2 75% Now \$1,400 2029 \$28,700 2 Corroded, Extent : Moderate, Area Affected : 15% Location : Roof Exhaust Fans 1 2 50% 2039 ** 1 50% 2027 \$14,000 2 100% LIFE ** 1 100% 2029 \$3,500 4 100% 2029 \$6,600 4 100% 2029 \$6,600 4 100% LIFE ** 1 100% LIFE ** 1 100% LIFE ** 1 100% LIFE ** 2 100% LIFE ** 1 100% LIFE ** 2 100% Locatio</td><td>% of Total Fail Date (Years) Estimated Cost FY Cycle FY Estimated Cost (Yrs) Estimated Cost (Yrs) 25% Now \$400 2029 \$20,500 2 \$100 Not in Service, Extent : Severe, Area Affected : 10% Location : Basement Staff Lounge 2 \$400 75% Now \$1,400 2029 \$28,700 2 \$400 Corroded, Extent : Moderate, Area Affected : 15% Location : Roof Exhaust Fans 1 2 \$400 50% 2039 ** 1 2 \$300 100% 2027 \$14,000 2 \$300 100% LIFE ** 1 4 100% 2029 \$3,500 4 \$1,400 100% 2029 \$6,600 4 \$1,400 100% LIFE ** * \$200</td></t<>	% of Fail Date Estimated Cost Total (Years) 25% Now \$400 Not in Service, Extent : Severe, Area Affe Location : Basement Staff Lounge 75% Now \$1,400 Corroded, Extent : Moderate, Area Affe Location : Roof Exhaust Fans 50% 50% 100% 100% 100% 100% 100% 00% 100% 100% 100% 100% 100% 100% 100% 100% 00% 100% 100% 100% 00% 100% 100% 100% 100% 00% 100% 00% 100% 0ther Observation, Extent : Light, Area Location : Basement To 2nd Floor Explanation : 1 Unit 95%	% of Fail Date Estimated Cost Total (Years)Year FY25% Now\$4002029Not in Service, Extent : Severe, Area Affected : In Location : Basement Staff Lounge202975% Now\$1,4002029Corroded, Extent : Moderate, Area Affected : 15% Location : Roof Exhaust Fans203950%2037100%2027100%2029100%2029100%2029100%2029100%2029100%2029100%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%LIFE00%Stent : Light, Area Affected Location : Basement To 2nd Floor Explanation : 1 Unit95%95%	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost FY 25% Now \$400 2029 \$20,500 Not in Service, Extent : Severe, Area Affected : 10% Location : Basement Staff Lounge \$20,500 75% Now \$1,400 2029 \$28,700 Corroded, Extent : Moderate, Area Affected : 15% Location : Roof Exhaust Fans \$2039 ** 50% 2039 ** 50% 2027 \$50,500 100% LIFE ** 100% 2029 \$3,500 100% LIFE ** 000% LIFE ** 000% LIFE ** 000% LIFE ** 95% 95% 2050	% of Total Fail Date (Years) Estimated Cost FY Year Estimated Cost (Yrs) 25% Now \$400 2029 \$20,500 2 Not in Service, Extent : Severe, Area Affected : 10% Location : Basement Staff Lounge 2 2 75% Now \$1,400 2029 \$28,700 2 Corroded, Extent : Moderate, Area Affected : 15% Location : Roof Exhaust Fans 1 2 50% 2039 ** 1 50% 2027 \$14,000 2 100% LIFE ** 1 100% 2029 \$3,500 4 100% 2029 \$6,600 4 100% 2029 \$6,600 4 100% LIFE ** 1 100% LIFE ** 1 100% LIFE ** 1 100% LIFE ** 2 100% LIFE ** 1 100% LIFE ** 2 100% Locatio	% of Total Fail Date (Years) Estimated Cost FY Cycle FY Estimated Cost (Yrs) Estimated Cost (Yrs) 25% Now \$400 2029 \$20,500 2 \$100 Not in Service, Extent : Severe, Area Affected : 10% Location : Basement Staff Lounge 2 \$400 75% Now \$1,400 2029 \$28,700 2 \$400 Corroded, Extent : Moderate, Area Affected : 15% Location : Roof Exhaust Fans 1 2 \$400 50% 2039 ** 1 2 \$300 100% 2027 \$14,000 2 \$300 100% LIFE ** 1 4 100% 2029 \$3,500 4 \$1,400 100% 2029 \$6,600 4 \$1,400 100% LIFE ** * \$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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address			RANCH LIBR Y 17 STREET			
Borough	: BROOKL		1 17 SINEET	Agency's Number	: 51	
Program / Asset #	• BROOKL			Yr Built/Renovated	· 31 · 1956 / 2000	
Area Sq Ft	: BI L0003. : 22,455	000/4204		Project Type	: BROOKLYN PUBI	I IC I IRDADV
Date of Survey	· 22,455 · 03-May-2	016		Landmark Status	: NONE	LIC LIDRAK I
Areas Surveyed	· 03-May-2		wa 1 2	Lanumark Status	· NONE	
Block	• basement : 6343	, KOOI, FIOO Lot	: 64	BIN	: 3165745	
DIUCK	: 0345	LUI	: 04	DIN	: 3103743	
CAPITAL				FY 2020 - 2023		FY 2024 - 2029
Exterior Architect	ture			\$595,900		
Interior Architect	ure			\$375,100		
Electrical				\$297,400		\$48,200
Total				\$1,268,400		\$48,200
Importance Code	А			\$595,900		
Importance Code				\$635,200		\$48,200
Importance Code	С			\$37,300		
Total				\$1,268,400		\$48,200
EXPENSE			FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architect	ture		\$30,300			
Interior Architect	ure		\$40,100	\$1,600	\$3,200	\$400
Electrical			\$20,600	\$700	\$62,700	\$500
Mechanical			\$13,700	\$2,200	\$4,300	\$2,700
Elevators/Escalate	ors		\$3,900	\$3,900	\$3,900	\$3,900
Total			\$108,600	\$8,400	\$74,100	\$7,600
Importance Code	А		\$33,700	\$1,100	\$1,200	\$1,100
Importance Code	В		\$48,400	\$6,600	\$72,900	\$6,500
Importance Code	С		\$26,600	\$700		
Total			\$108,600	\$8,400	\$74,100	\$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 # : 4204

chitecture		Current Re	pair	Futur	e Replacement	Μ		
stem Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior	•							
Exterior Walls								
Masonry: Brick	Jnt Mortan Location Vertical C Location Water Pen	: East Facaa racks, Extent : At Northwe	: Moderate, Are est Corner ent : Moderate, A	a Affecte	d : 5%	5	\$25,600	
Masonry: Fieldstone	Jnt Morta	Now Miss/Erod, I : Throughou	\$7,600 Extent : Light, A t	LIFE rea Affec	* * ted : 30%	5	\$200	
Masonry: Limestone	Jnt Morta	Now Miss/Erod, I : Throughou	\$77,100 Extent : Moderau t	LIFE te, Area A	* * Affected : 10%	5	\$1,700	
Window Wall	Air Infiltra	Now ution, Extent : : Throughou	\$2,800 • Light, Area Affe t	2047 ected : 10	* *)%	5	\$500	
Windows								
Aluminum	Bent/Warp Location Deformed Location Hardware	: Throughou Dented, Exte : Throughou	nt : Moderate, A t ent : Moderate, A	rea Affec	cted : 40%	5	\$2,200	
Parapets								
Cast Stone/Terra Cotta	Cracking/	Now Crumbling, E. : Throughou	\$1,400 xtent : Moderate t	LIFE , Area Aj	* * ffected : 30%	5	\$400	
Masonry: Brick	Cracking/ Location Jnt Morta	: Throughou Miss/Erod, I	\$17,300 ixtent : Moderate t Extent : Moderat ice Of South Par	te, Area A		5	\$1,000	
Masonry: Limestone	5%	0-2	\$1,200	LIFE	* *	5	\$100	
	Jnt Morta		Extent : Light, A		ted : 10%	2	<i><i><i>⁴</i>²</i>⁰⁰</i>	
Roof	1000/	N	Φ Ω <i>ζ</i> <u>Ω</u> ΩΩ	2022	ماد مان			
Modified Bitumen	Blisters, E Location Water Pen	: Main Roof	ent : Moderate, A		* * cted : 10%			

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 # : 4204

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
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	
	Location	Crumbling, : Through	Extent : Light, Are out	ea Affecto	ed : 10%			
Vinyl Tile 9" X 9"	75%			2022	\$287,500	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	\$37,300	LIFE	* *	5	\$6,700	
	-	Crumbling, : Through	Extent : Moderate out	, Area Aj	ffected : 20%			
		etration, E : Through	xtent : Moderate, A out	Area Affe	cted : 20%			
SGFT/Glazed Masonry	Cracking/ Location Water Pen	: Through	xtent : Moderate, A					
Ceilings	Locuiton	. Intough	000					
AcousTileConcealSpLn	-	0-2 Crumbling, : Through	\$7,000 Extent : Light, Arc	2040 ea Affecte	* * ed : 10%	5	\$5,300	
Exposed Concrete	10%			LIFE	* *	5	\$500	
Gypsum Board		Now	\$3,500	LIFE	* *	5	\$4,200	
Gypsun Dourd	Cracking/0		Extent : Light, Are		ed : 10%	5	\$1,200	
Plaster	Water Pen	Now etration, E : Through	\$50,300 Extent : Moderate, A out	LIFE Area Affe	* * cted : 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

Electrical		Current Rep	pair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Service Equipment						_		
Fused Disc Sw	100%			2027	\$2,600	5	\$100	
		ervation, Exte 1 : Electrical R	nt : Moderate, A	Area Affe	ected : 100%			
			00m) Amperes Main	Discour	act Switch			
Switchgear / Switchboard	Елриани	101.100400	Amperes Main	Disconn	leci Swiich			
Molded Case Bkrs	100%			2027	\$33,500	5	\$600	
Raceway					+	-		
Conduit	95%			2027	\$30,800	1		
Conduit	5%			2047	* *	1		
Panelboards								
Fused Disc Sw	5%			2026	\$1,200	5		
Molded Case Bkrs	30%			2043	* *	5	\$200	
Molded Case Bkrs	65%			2026	\$15,100	5	\$400	
Wiring	700/	0.4	#20.100	2052	* *			
Braided Cloth			\$20,100 : Moderate, Are	2052 va Affecte		1		
Thermoplastic	30%			2047	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	\$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
Lighting								
Interior Lighting Fluorescent	90%			2022	¢200 (00	10	¢10 500	
Fluorescent			nt : Light, Area		\$209,600 1 · 100%	10	\$18,500	
		: Throughout	-	njjecieu	. 10070			
		tion : T-12 La	0					
Incandescent	10%		1	2022	\$23,300	2	\$100	
Egress Lighting	1070			2022	\$23,500		\$100	
Emergency, Battery	50%			2022	\$15,700	10	\$2,700	
Exit, Service	50%			2022	\$1,700	1	•)	
Exterior Lighting								
HID	100%			2022	\$87,800	10	\$100	
larm								
Security System								
No Component	80%							
Generic	20%			2027	\$14,100	1	\$1,700	
Fire/Smoke Detection								
No Component	80%						* • • • • •	
Generic, Digital	20%			2027	\$48,200	1-3	\$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.

Asset # : 4204

Mechanical		Current F	Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating								
Energy Source								
Natural Gas	100%			2047	* *	1		
Conversion Equipment								
Hot Water Boiler		Now	\$3,400	2040	* *	1	\$10,000	
		0	nt : Moderate, Area		d : 5%			
			tat Control System					
			xtent : Light, Area	Affected	1 : 100%			
		: Basemen						
D ¹ · · ¹	Explana	tion : One l	Unit					
Distribution	1000/			2042	* *	4	¢1 100	
Hot Wtr Piping/Pump	100%			2043	* 1	4	\$1,100	
Terminal Devices	400/			2022	* *	1	¢5 (00	
Air Handler	40%			2032	* *	1	\$5,600	
Convector/Radiator	60%			2040	•••	1	\$4,400	
Air Conditioning Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment	10070			2045		1		
Exterior Pkg Unit -	100%	Now	\$8,800	2032	* *	2	\$1,100	
Cooling	10070	11011	\$0,000	2032		-	\$1,100	
e e e e e e e e e e e e e e e e e e e	Malfunctio	oning, Exte	nt : Moderate, Area	a Affecte	d : 5%			
	Location	: Thermos	tat Control System					
Terminal Devices								
Air Handler/Dir	100%			2032	* *	1		
Expansion								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,500	
Exhaust Fans	100/		* 4 • • •		ام ماد		* * * *	
Interior		Now	\$400	2032	* *	2	\$100	
			erate, Area Affecte	a : 5%				
	-	a : Bathroor	ns					
Roof	90%			2032	* *	2	\$600	
Plumbing								
H/C Water Piping Galvanized Steel	1000/			2022	* *	1		
	100%			2032	* 1	1		
Water Heater	1000/			2025	¢10 000	2	¢200	
Gas Fired	100%			2025	\$13,300	2	\$300	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	10070			LIFĽ		1		
Cast Iron	100%			LIFE	* *	1		
Fixtures	10070			LH.F		1		
Generic	100%							
Vertical Transport	10070							

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 Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Vertical Transport				
Elevators				
Hydraulic	100%	LIFE **		
-	Other Observation, Extent : Light, Area	Affected : 100%		
	Location : Basement To 2nd Floor			
	Explanation : 1 Unit			

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

\$4,700

\$4,500

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address Borough		IC BRANCH LIBRARY JRTH AVENUE @PACH	FIC STREET Agency's Number	: 69	
Program / Asset #		69.000 / 13261	Yr Built/Renovated		
Area Sq Ft		09.000 / 15201	Project Type	BROOKLYN PUBL	
Date of Survey	: 15,758 : 26-Oct-	2017	Landmark Status	: BROOKLIN FUBL : NONE	AC LIDRAKI
Areas Surveyed		ent, Floors 1,2,Mez	Lanumai K Status	· NOME	
Block	: 928	Lot : 6	BIN	: 3018376	
CAPITAL			FY 2020 - 2023		FY 2024 - 2029
Exterior Architec	ture		\$182,900		
Interior Architect	ure		\$42,000		\$215,200
Electrical			\$50,700		\$122,500
Mechanical			\$81,300		\$171,900
Total			\$356,800		\$509,700
Importance Code	А		\$182,900		
Importance Code	В		\$174,000		\$509,700
Total			\$356,800		\$509,700
EXPENSE		FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architec	ture	\$55,900			
Interior Architect	ure	\$86,300		\$500	\$2,300
Electrical		\$24,100	\$400	\$500	\$700
Mechanical		\$7,000	\$2,100	\$3,500	\$1,700
Site Enclosure		\$2,600			
Site Pavements		\$3,500			
Total		\$179,500	\$2,500	\$4,500	\$4,700
Importance Code	А	\$56,600	\$800	\$800	\$800
Importance Code		\$100,800	\$1,700	\$3,200	\$3,900
Importance Code	С	\$22,000		\$500	



\$2,500

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.

\$179,500

Total

PACIFIC BRANCH LIBRARY

Asset # : 13261

rchitecture	Current F	Futur	e Replacement	Μ			
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls							
Masonry: Brick	85%		LIFE	* *	5	\$69,200	
Masonry: Fieldstone	5% Now	\$3,600	LIFE	* *	5	\$1,500	
	Diagonal Cracks, Ex Location : Rear Of		rea Affect	ed : 5%			
Masonry: Limestone	10% 4+	\$10,200	LIFE	* *	5	\$3,100	
,	Cracking/Crumbling, Location : Through	Extent : Light, Ar		ed : 5%		¥-)	
	Jnt Mortar Miss/Erod		te. Area A	ffected : 5%			
	Location : Through			-,,,-,-			
	Staining/Discoloring,		e. Area At	ffected : 15%			
	Location : Through		,				
Windows							
Metal Louvers	1% Now	\$1,400	2044	* *			
	Corrosion/Rusting, E Location : Rear Are		Area Affe	cted : 45%			
Wood	99% Now	\$130,800	2054	* *	5	\$22,500	
	Deteriorated Finish,		Area Aff	ected : 50%			
	Location : Through	out					
	Glazing Broken/Crac Location : Various	-		fected : 5%			
	Thermally Inefficient, Location : Through	Extent : Moderate		ffected : 50%			
	Split/Cracked, Extent		Affected .	: 25%			
	Location : Through		55				
Parapets							
Masonry: Brick	80% Now	\$52,100	LIFE	* *	5	\$4,400	
	Jnt Mortar Miss/Erod Location : Interior 1		te, Area A	Affected : 10%			
	Spalling, Extent : Mo	derate, Area Affec	ted : 30%	ó			
	Location : Interior						
Masonry: Limestone	10%		LIFE	* *	5-10	\$6,600	
Metal Panel	10%		2049	* *	5	\$2,100	
Roof						· / ·	
Not Accessible	100%						
Soffits							
Masonry: Limestone	100%		LIFE	* *	5		
	Staining/Discoloring,		ea Affecte	ed : 25%			
	Location : Through	out					

Interior

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

BROOKLYN PUBLIC LIBRARY - 038 PACIFIC BRANCH LIBRARY

Asset # : 13261

Architecture	Current Repair			Futu	e Replacement	Μ	Maintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
iterior								
Floors Cast in Place Concrete	8%			LIFE	* *	5	\$8,600	
Cast III Flace Concrete Ceramic Tile		Now	\$2,500	2032	* *	5	\$600	
Containe The	Broken/M		ents, Extent : Mod		rea Affected : 5%	5	\$000	
		Crumbling, : Toilets	Extent : Moderate	, Area A	ffected : 5%			
	Worn/Eroo		: Moderate, Area	Affected	: 10%			
Quarry Tile	1%			2034	* *	5	\$400	
Sheet Vinyl/Rubber	10%	Now	\$3,800	2029	\$75,200	5	\$1,800	
		-	amage, Extent : M or Reading Room	oderate,	Area Affected : 5%			
Vinyl Tile	Cracking/	Now Crumbling, 2 : 2nd Floo	\$42,000 Extent : Moderate or	2029 , Area A	\$140,000 ffected : 15%	3	\$6,000	
	Location		Extent : Light, Area at And Meeting Roc Files		! : 10%			
Vinyl Tile 9" X 9"	10%	Now	\$8,400	2029	\$27,900	3	\$900	
		-	eents, Extent : Mod at Reading Rooms	erate, Ai	ea Affected : 15%			
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 15%			
	Location	: Basemen	nt Reading Rooms					
Wood		Now	\$8,400	2069	* *	5	\$200	
		issing Elem : Custodia	eents, Extent : Mod in Office	erate, Ai	ea Affected : 5%			
		ted Finish, : Custodia	Extent : Moderate, ın Office	Area Af	fected : 100%			
	-	ecay, Exter : Custodia	nt : Moderate, Area in Office	ı Affecte	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.

PACIFIC BRANCH LIBRARY aat # . 12261

Asset	#	:	13261

rchitecture		Current I	Repair	Futur	e Replacement	Μ	laintenance		
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
terior									
Interior Walls						_	* • • • •		
Ceramic Tile	5%			2032	* *	5	\$900		
Gypsum Board Plaster	10%		\$12 100	LIFE	* *	5-10	\$3,100		
Plaster	Cracking/ Locatior	ı : Basemer	\$12,100 Extent : Light, Ar ht, 1st Floor Rear I Extent : Moderate, 1	Exit, Mez	ed : 10% zanine Windows	5	\$4,400		
	Location	ı : Basemer	it, 1st Floor Rear I	Exit, Mez	zanine Windows				
Wood	Broken/M Locatior	ı : 2nd Floo	\$2,100 eents, Extent : Mod or Reading Room			5	\$3,700		
	Location Water Per	ı : 2nd Floc 1etration, E	Extent : Moderate, or Reading Room extent : Moderate, 1						
	Location	ı : 2nd Floc	or Reading Room						
Ceilings	50/	NT	¢10 2 00	2040	* *	5	¢(00		
AcousTileSusp.Lay-In	Broken/M	-	\$10,200 hents, Extent : Seve throom In Baseme		Affected : 10%	5	\$600		
	Locatior Misaligne	ı : Male Ba d/Bulging,	e, Extent : Severe, A throom In Baseme Extent : Severe, A throom In Baseme	nt rea Affect					
Company Depend			inroom în baseme		* *	5 10	\$4 200		
Gypsum Board Plaster	Broken/M	Now	\$29,900 eents, Extent : Mod	LIFE LIFE lerate, Ar	* *	5-10 5	\$4,200 \$13,800		
	Cracking/		Extent : Moderate	e, Area Aj	ffected : 10%				
te Enclosure									
Fence/Gates Iron Picket	Location	v/Rusting, E 1 : Through							
		ted Finish, 1 : Through	Extent : Moderate out	, Area Afj	fected : 25%				
Free Standing Walls									
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	* *				
te Pavements	5070			2057					

Site Pavements

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

			A5561#.13	201				
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
Site Pavements Public Sidewalk Cast in Place Concrete	-	Crumbling, : Through	Extent : Light, Ar	2034 ea Affecte	* * ed : 5%			
On-Site Walkways Cast in Place Concrete	Location Sinking/Su	Crumbling, : Through	tent : Moderate, A	Ū	-			
Parking/Driveway Cast in Place Concrete	Location Sinking/Su	Crumbling, : Through	tent : Moderate, A	-	-			
Electrical		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
Jnder 600 Volts Service Equipment Molded Case Bkrs	Location	: Electrica	xtent : Light, Area l Room vailable Nameplat			5	\$400	
Switchgear / Switchboard Molded Case Bkrs	100% Other Obso Location	ervation, E : Electrica	xtent : Light, Area	2029	\$33,500	5	\$400	
Raceway Conduit	100%	<i>ion</i> : 1 ⁻ ve	neur sections	2029	\$32,500	1		
Panelboards Fused Disc Sw Molded Case Bkrs	10% 90%			2028 2028	\$1,500 \$13,900	5 5	\$400	
Wiring Thermoplastic	100%			2029	\$28,700	1		
Motor Controllers Locally Mounted	100%			2027	\$31,300	5	\$100	
Ground Grounding Devices Generic		: Boiler Ro		LIFE Area Affe	* * octed : 100%	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.

** Penlacement cost astimated to be beyond ten years is not included in this report

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BROOKLYN PUBLIC LIBRARY - 038

PACIFIC BRANCH LIBRARY

Asset # : 13261

Electrical			5el#.1520				aintonan aa	
		Current Repai			e Replacement		aintenance	
System Component Type	% of Total	Fail Date Esti (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting Fluorescent		ervation, Extent : Throughout Ti	: Light, Area Aff	024 fected	\$122,500 : 100%	10	\$10,800	
		on : T-12 Lamp	S					
Fluorescent	-	luorescent Ligh : Basement		034 Area	* * Affected : 100%	10	\$400	
Fluorescent	-		2 Extent : Light, Ar loor, Toilets, Ba			10	\$2,900	
Fluorescent	2% Malfunction	Now		039	* *			
Egress Lighting								
Emergency, Battery	50%			034	* *	10	\$1,900	
Exit, Service Exterior Lighting	50%		2	034	• •	1		
HID No Component	30% 70%		2	029	\$18,500	10		
larm								
Security System No Component Generic	Location	: Inside And Ou	: Light, Area Afj		* *	1	\$1,800	
Fire/Smoke Detection								
No Component Generic, Analog	Other Obse Location	: Hallways	: Light, Area Aff		* * : 100% onal. Alarm Bells	1-3 And Mar	\$2,600 nual Pull Stations	
Mechanical		Current Repai	r	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Esti (Years)	mated Cost		Estimated Cost		Estimated Cost	Priority
Ieating Energy Source Natural Gas	100%		2	039	* *	1		
Conversion Equipment Hot Water Boiler	100%			.034	* *	1	\$7,800	

Location : Basement Explanation : One Gas Fired Hot Water Boiler

Other Observation, Extent : Light, Area Affected : 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.

PACIFIC BRANCH LIBRARY

Asset # : 13261

Mechanical		Current Repair	Futur	e Replacement	cement Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Heating							
Distribution							
Hot Wtr Piping/Pump	100%		2045	* *	4	\$1,200	
Terminal Devices	0.00/		• • • •	* - - - - - - - - - -		*-	
Air Handler	80%		2024	\$171,900	1	\$7,800	
		ed Life, Extent : Moderate, A			: (T :	
		: Roof And Basement, Equip					
Convector/Radiator	20%		2034	* *	1	\$1,000	
Air Conditioning							
Energy Source Electricity	100%		2045	* *	1		
Conversion Equipment	100%		2043		1		
Int Pkg Unit -	25%	Now \$81,300	2034	* *	2	\$200	
Heating/Cooling	2370	110w \$61,500	2034		2	\$200	
ficuling, cooling	Unit Inope	rable, Extent : Moderate, Ar	ea Affecte	ed : 50%			
	-	: Basement	55				
Window/Wall Unit	25%		2024	\$8,000	1		
Not Accessible	50%		2021	\$0,000	1		
		ervation, Extent : Light, Area	a Affected	1:0%			
	Location		55				
		tion : No Access To Survey P	ackaac D	with One Devel			
	Drep remeen		искиде O	пи Оп коој			
Ventilation	Laptenter		искиде О	nit On Koof			
Distribution	2.19 1.111		uckuge O	nit On Rooj			
	100%		LIFE	nii On Koof * *	2-5	\$13,900	
Distribution Ductwork/Diffusers Exhaust Fans	100%		-		2-5	\$13,900	
Distribution Ductwork/Diffusers Exhaust Fans No Component	100%		-		2-5	\$13,900	
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible	100%		-		2-5	\$13,900	
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing	100%		-		2-5	\$13,900	
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping	100% 50% 50%		LIFE	**		\$13,900	
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper	100%		-		2-5	\$13,900	
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater	100% 50% 50% 100%		LIFE 2049	**	1		
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired	100% 50% 50%		LIFE	**		\$13,900 \$200	
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping	100% 50% 50% 100%		LIFE 2049 2028	** \$9,300	1		
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron	100% 50% 50% 100%		LIFE 2049	**	1		
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron Storm Drain Piping	100% 50% 50% 100% 100%		LIFE 2049 2028 LIFE	** ** \$9,300 **	1 2 1		
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron Storm Drain Piping Cast Iron	100% 50% 50% 100%		LIFE 2049 2028	** \$9,300	1		
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron Storm Drain Piping Cast Iron Sump Pump(s)	100% 50% 50% 100% 100% 100%		LIFE 2049 2028 LIFE LIFE	** ** \$9,300 ** **	1 2 1 1	\$200	
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron Storm Drain Piping Cast Iron Sump Pump(s) Submersible	100% 50% 50% 100% 100%		LIFE 2049 2028 LIFE	** ** \$9,300 **	1 2 1		
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron Storm Drain Piping Cast Iron Storm Drain Piping Cast Iron Sump Pump(s) Submersible Backflow Preventer	100% 50% 50% 100% 100% 100% 100%		LIFE 2049 2028 LIFE LIFE	** ** \$9,300 ** **	1 2 1 1	\$200	
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron Storm Drain Piping Cast Iron Storm Drain Piping Cast Iron Sump Pump(s) Submersible Backflow Preventer No Component	100% 50% 50% 100% 100% 100% 100% 80%		LIFE 2049 2028 LIFE LIFE 2022	** ** \$9,300 ** ** \$500	1 2 1 1 4	\$200	
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron Storm Drain Piping Cast Iron Storm Drain Piping Cast Iron Sump Pump(s) Submersible Backflow Preventer	100% 50% 50% 100% 100% 100% 100% 80% 20%		LIFE 2049 2028 LIFE LIFE 2022 2029	** ** \$9,300 ** ** \$500 \$800	1 2 1 1	\$200	
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron Storm Drain Piping Cast Iron Storm Drain Piping Cast Iron Sump Pump(s) Submersible Backflow Preventer No Component	100% 50% 50% 100% 100% 100% 100% 100% 80% 20% <i>Other Obs</i>	ervation, Extent : Light, Area	LIFE 2049 2028 LIFE LIFE 2022 2029	** ** \$9,300 ** ** \$500 \$800	1 2 1 1 4	\$200	
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron Storm Drain Piping Cast Iron Storm Drain Piping Cast Iron Sump Pump(s) Submersible Backflow Preventer No Component	100% 50% 50% 100% 100% 100% 100% 100% 80% 20% <i>Other Obs</i> <i>Location</i>	ervation, Extent : Light, Area : Basement	LIFE 2049 2028 LIFE LIFE 2022 2029	** ** \$9,300 ** ** \$500 \$800	1 2 1 1 4	\$200	
Distribution Ductwork/Diffusers Exhaust Fans No Component Not Accessible Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron Storm Drain Piping Cast Iron Storm Drain Piping Cast Iron Sump Pump(s) Submersible Backflow Preventer No Component	100% 50% 50% 100% 100% 100% 100% 100% 80% 20% <i>Other Obs</i> <i>Location</i>	ervation, Extent : Light, Area	LIFE 2049 2028 LIFE LIFE 2022 2029	** ** \$9,300 ** ** \$500 \$800	1 2 1 1 4	\$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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed	 431 SIXTI BROOKL BPL0P53. 15,868 31-Oct-20 Basement. 	.000 / 13262	CH LIBRARY Agency's Number Yr Built/Renovated Project Type Landmark Status	: 53 : 1906 / 2012 : BROOKLYN PUBLIC : EXTERIOR LANDMA	
Block	: 1006	Lot : 1	BIN	: 3022144	
CAPITAL			FY 2020 - 2023		FY 2024 - 2029
Exterior Architec	ture		\$152,100		
Total			\$152,100		
Importance Code	А		\$152,100		
Total			\$152,100		
EXPENSE		FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architec	ture	\$60,400		\$33,400	
Interior Architect	ure	\$39,200	\$1,800	\$2,500	\$400
Electrical		\$1,500	\$1,100	\$1,700	\$1,100
Mechanical		\$9,200	\$2,000	\$5,300	\$1,600
Elevators/Escalat	ors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$114,200	\$8,800	\$46,800	\$7,000
Importance Code	А	\$61,200	\$800	\$34,200	\$800
Importance Code	В	\$38,700	\$8,000	\$12,600	\$6,200
Importance Code	С	\$14,300			
Total		\$114,200	\$8,800	\$46,800	\$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.

Asset # : 13262

Architecture	Current Repair Future Replacement					М					
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit			
xterior											
Exterior Walls											
Masonry: Brick	Efflorescen Location Vegetation	: Throughout	\$103,300 Moderate, Area ent : Severe, Are			5	\$30,300				
Masonry: Limestone	10%	4+	\$48,800	LIFE	* *	5	\$2,700				
Wasonry. Ennestone	Vegetation	=	ent : Moderate,		ected : 15%	5	\$2,700				
Stucco Cement	Cracking/C Location Loose/Dela Location Other Obse Location	: Throughout 1m Surface, E : Moat Areas	xtent : Severe, 1 ent : Light, Arec	Area Affe	cted : 20%	5	\$2,200				
Windows											
Aluminum	Location Unit Inoper	c Not Funct, : Throughout	: Moderate, Ar			5	\$2,800				
Parapets Masonry: Brick	Jnt Mortar	Now Miss/Erod, E : Throughout	\$11,400 Extent : Modera	LIFE te, Area A	* * Affected : 25%	5	\$3,500				
Masonry: Limestone	Location Jnt Mortar	: Roof	\$4,900 stent : Moderate Extent : Modera	-	-	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					
iterior											
Floors Cast in Place Concrete	5%			LIFE	* *	5	\$5,100				
Cast in Place Concrete Ceramic Tile	3% 3%			2038	* *	5	\$3,100 \$700				
					* *		2/00				
Glass Block	5%			2057	* *	1	¢1 3 00				
Mosaic Tile	2%			2046	* *	5	\$1,200				
Vinyl Tile	85%			2034	* *	3	\$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.

Asset # : 13262

Architecture		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	Priorit
nterior							
Interior Walls							
Concrete Masonry Unit	5%		LIFE	* *	5	\$600	
Glass: Single Pane	5%		LIFE	* *	5	\$1,100	
Gypsum Board	10%		LIFE	* *	5-10	\$2,600	
Plaster	70%		LIFE	* *	5-10	\$8,900	
Wood	5%		LIFE	* *	5	\$6,000	
Wood	5%		LIFE	* *	5	\$6,000	
Ceilings							
AcousTileSusp.Lay-In	10%		2046	* *	5	\$2,300	
Glass: Susp Panels	10%		LIFE	* *	10	\$1,800	
Plaster	80%		LIFE	* *	5-10	\$32,200	
Site Enclosure							
Fence/Gates							
Chain Link	5%		2049	* *			
Iron Picket	95%		2064	* *			
Retaining Walls							
Cast in Place Concrete	100%		2064	* *			
	Other Obs	ervation, Extent : Light, Area	Affected	: 100%			
	Location	: 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	laintenance	
System Component	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under	600	Volts

Туре

Switchgear / Switchboard										
Molded Case Bkrs	100%	2039	* *	5	\$400					
	Other Observation, Exten	nt : Light, Area Affected : 100%								
	Location : Electrical Ro	pom								
	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						

(Yrs)

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.

(Years)

Asset # : 13262

Electrical		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
Under 600 Volts							
Motor Controllers							
Locally Mounted	40%		2027	\$13,600	5		
Locally Mounted	30%		2042	* *	5		
Locally Mounted	30%		2034	* *	5		
Ground							
Grounding Devices	1000/			ate ate	_	• - • •	
Generic	100%		LIFE	* *	5	\$500	
Lighting							
Interior Lighting Fluorescent	30%		2034	* *	10	\$4,400	
Fluorescent		s And Fixtures, Extent : Light,			10	\$4,400	
	-	: Hallways, Basement And 2					
Fluorescent	20%		2034	* *	10	\$2,900	
Fluorescent		s And Fixtures, Extent : Light,			10	\$2,900	
	-	: Basement And 1st, 2nd Flo		ecieu : 10070			
Fluorescent	50%	1 Dabenieni 111a 151, 21a 176	2034	* *	10	\$7,300	
Fluorescent		Fluorescent Light, Extent : Lig			10	\$7,500	
	-	: Basement And Reading Are		<i>Injecteu</i> : 10070			
Egress Lighting							
Emergency, Battery	15%		2029	\$3,600	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	\$13,500	10		
No Component	80%						
Lightning Protection							
Arresters/Cabling							
Generic	100%		2032	* *	5	\$500	
Alarm							
Security System	700/						
No Component	70%		2024	* *	1	¢1 000	
Generic	30% Other Obs	arvation Extent · Light Area	2034		1	\$1,800	
		ervation, Extent : Light, Area : Reading Areas, Hallways A					
		tion : CCTV Surveillance Can		uc			
Fire/Smoke Detection	ылриний	ion. CCI y Survenunce Cun	101 43				
Generic, Digital	100%		2034	* *	1-3	\$9,800	
Senerie, Digitui		ervation, Extent : Light, Area		: 100%	1.5	ψ2,000	
		: Throughout The Building	55				
		tion : Strobe Lights, Manual I	De 11 Cant	one Alarm Balle	Smoke De	stactors And Horns	

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

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 # : 13262

Mechanical	Current Repair			e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating							
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 17				
	Explanat	ion : 1 Gas Fired How Water	Boiler				
Distribution	100%		2027	* *	4	¢1 200	
Hot Wtr Piping/Pump Terminal Devices	100%		2037	•••	4	\$1,200	
Air Handler	60%		2034	* *	1	\$5,900	
Convector/Radiator	20%		2034	* *	1	\$1,000	
Convector/Radiator	20%		2034	* *	1	\$1,000	
Air Conditioning	2070		2042		1	\$1,000	
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment	10070		2013		1		
Interior Pkg Unit -	90%		2030	* *	2	\$900	
Cooling	2070		2000		-	4700	
8	R-22 Refri	gerant, Extent : Light, Area A	ffected :	100%			
	Location	: 2 Units. Basement Mechani	ical Roon	n And Fan Room			
Window/Wall Unit	10%		2027	\$3,500	1		
Heat Rejection				. ,			
Air Cooled Condenser	100%		2024	* *			
Unit			2034	* *	2	\$11,100	
Om			2034	* *	2	\$11,100	
			2034	ΥΥ 	2	\$11,100	
/entilation Distribution				Ϋ́Υ.			
/entilation Distribution Ductwork/Diffusers	100%		LIFE	* *	2	\$11,100	
/entilation Distribution Ductwork/Diffusers Exhaust Fans			LIFE		2-5	\$14,000	
/entilation Distribution Ductwork/Diffusers Exhaust Fans Interior	90%		LIFE 2034	* *	2-5 2	\$14,000	
/entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof			LIFE	* *	2-5	\$14,000	
/entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing	90%		LIFE 2034	* *	2-5 2	\$14,000	
/entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping	90% 10%		LIFE 2034 2029	* * * * \$2,800	2-5 2 2	\$14,000	
/entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping Brass/Copper	90%		LIFE 2034	* *	2-5 2	\$14,000	
/entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping Brass/Copper Water Heater	90% 10% 100%		LIFE 2034 2029 2039	* * * * \$2,800 * *	2-5 2 2 1	\$14,000 \$400 \$100	
/entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired	90% 10%		LIFE 2034 2029	* * * * \$2,800	2-5 2 2	\$14,000	
/entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping	90% 10% 100%		LIFE 2034 2029 2039 2027	* * * * \$2,800 * * \$10,200	2-5 2 2 1 2	\$14,000 \$400 \$100	
/entilation Distribution Ductwork/Diffusers Exhaust Fans Interior Roof Plumbing H/C Water Piping Brass/Copper Water Heater Gas Fired Sanitary Piping Cast Iron	90% 10% 100%		LIFE 2034 2029 2039	* * * * \$2,800 * *	2-5 2 2 1	\$14,000 \$400 \$100	
Ventilation 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	90% 10% 100% 100%		LIFE 2034 2029 2039 2027 LIFE	** ** \$2,800 ** \$10,200 **	2-5 2 2 1 2 1	\$14,000 \$400 \$100	
Ventilation 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 Cast Iron	90% 10% 100%		LIFE 2034 2029 2039 2027	* * * * \$2,800 * * \$10,200	2-5 2 2 1 2	\$14,000 \$400 \$100	
Ventilation 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	90% 10% 100% 100%		LIFE 2034 2029 2039 2027 LIFE	** ** \$2,800 ** \$10,200 **	2-5 2 2 1 2 1	\$14,000 \$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. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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.

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

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name	: RED HOOK BRANCH LIBRARY		
Address	: 7 WOLCOTT ST. @DWIGHT STREE	Г	
Borough	: BROOKLYN	Agency's Number	: 70
Program / Asset #	: BPL0R70.000 / 13263	Yr Built/Renovated	: 1975 / 2013
Area Sq Ft	: 7,500	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 26-Oct-2017	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1		
Block	: 577 Lot : 29	BIN	: 3008650

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Electrical		\$77,800
Mechanical		\$182,900
Total		\$260,700
Importance Code B		\$260,700
Total		\$260,700

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$14,100		\$5,100	
Interior Architecture	\$21,100		\$1,200	\$200
Electrical	\$7,400	\$500	\$700	\$600
Mechanical	\$3,900	\$2,700	\$2,100	\$2,500
Site Enclosure	\$2,400			
Site Pavements	\$3,700			
Total	\$52,600	\$3,200	\$9,000	\$3,300
Importance Code A	\$14,500	\$400	\$5,500	\$400
Importance Code B	\$27,000	\$2,800	\$3,600	\$2,900
Importance Code C	\$11,100			
Total	\$52,600	\$3,200	\$9,000	\$3,300



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 Repair Future Replaceme			e Replacement	nent Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls						_		
Cast in Place Concrete		Now	\$6,300	LIFE	* *	5	\$26,900	
	-	-	ent, Extent : Moder					
			le Of Overhang At		trance And Along	Dwight .	Street Facade	
			derate, Area Affec		And Alana Devi	- 1. C	(En en de	
		: Corner A	At Dwight and Wol			-		
Glass Block	5%			LIFE	* *	5	\$800	
Masonry: Brick	55%			LIFE	* *	5	\$14,800	
Parapets								
Stucco Cement	100%			2042	* *	5	\$10,200	
Roof								
Modified Bitumen	100%			2034	* *	10	\$19,600	
	-		tent : Moderate, A	rea Affec	ted : 10%			
		: Through						
	-	-	ht, Area Affected :	5%				
		: Through						
	Vegetation	n Growth, E	Extent : Light, Arec	Affected	: 2%			
	Location	: Through	out					
Soffits								
Pre-Cast Concrete	100%			LIFE	* *	5		
terior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	\$3,700	
Ceramic Tile	4%			2038	* *	5	\$400	
Vinyl Tile	88%			2034	* *	3	\$3,500	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	\$3,600	
Concrete Masonry Unit	85%			LIFE	* *	5	\$9,800	
Masonry: Brick	5%			LIFE	* *	10	\$200	
Ceilings								
AcousTileSusp.Lay-In	8%			2034	* *	5	\$800	
	Staining/L	oiscoloring,	Extent : Light, Ar	ea Affect	ed : 10%			
	Location	: Multipur	pose Meeting Roo	n And St	aff Lounge			
Exposed Concrete	92%			LIFE	* *	5-10	\$12,000	
1		ervation, E	Extent : Light, Area		: 100%		*)	
		: Through	-	55				
	Explana	tion : Prece	ust Concrete T Sec	tions				
te Enclosure	1							
Fence/Gates								
Iron Picket	100%	2-4	\$2,400	2049	* *			
	Corrosion	/Rusting, E	xtent : Moderate, A	Area Affe	cted : 10%			
	Location	: Through	out					
te Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	\$3,700	2042	* *			
			Extent : Light, Ar		ed : 5%			
		: Through		-				

Asset # : 13263

	ASS	set # 13203				
Architecture	Current Repair	· Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Site Pavements		ł				
On-Site Walkways						
Cast in Place Concrete	100%	2042	* *			
Activity Yard						
Cast in Place Concrete	100%	2042	* *			
	Cracking/Crumbling, Exter Location : Throughout	nt : Light, Area Affecte	d : 5%			
Electrical	Current Repair	Future	Replacement	М	aintenance	
System	% of Fail Date Estin		Estimated Cost		Estimated Cost	Priority
Component Type	Total (Years)	FY	Estimated Cost	(Yrs)	Estimated Cost	Friority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2049	* *	5	\$200	
	Other Observation, Extent		: 100%			
	Location : Electrical Roo					
<u>a 1 1 / a 1 1 1</u>	Explanation : Main Servi	ce Disconnect Switch I	Rated At 350 Amp	eres		
Switchgear / Switchboard	1000/	2040	* *	-	¢200	
Molded Case Bkrs	100%	2049 Light Area Affected		5	\$200	
	Other Observation, Extent Location : Electrical Roo		: 100%			
D	Explanation : One Vertice	al Section				
Raceway Conduit	80%	2039	* *	1		
Conduit	20%	2039	* *	1		
Panelboards	2070	2049		1		
Molded Case Bkrs	80%	2028	\$12,400	5	\$200	
Molded Case Bkrs	20%	2028	\$12,400	5	\$200	
Wiring	2070	2043		5		
Thermoplastic	80%	2039	* *	1		
Thermoplastic	20%	2039	* *	1		
Motor Controllers	2070	2077		1		
Locally Mounted	100%	2027	\$15,600	5	\$100	
Ground	10070	2021	<i>\\</i> 13,000	5	ψ100	
Grounding Devices						
Not Accessible	100%					
Lighting						
Interior Lighting						
Fluorescent	98%	2024	\$76,200	10	\$6,700	
	T-12 Lamps And Fixtures, Location : Throughout Th	0 00	-			
Fluorescent	2%	2024	\$1,600	10	\$100	
i norescent	Compact Fluorescent Light			10	\$100	
	Location : Mechanical Re	-	-,,			
	,					
Foress Lighting						
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

Electrical Current Repair Future Replacement Maintenance								
le Estimated Cost s)	Priority							
\$800								
\$4,600								
Maintenance	_							
le Estimated Cost s)	Priority							
\$2,200								
\$1,500								
\$1,000								
\$600								
\$2,300								
\$100								
\$3,500								
42,200								
\$4,600								
.,								
\$5.200								
_	\$3,500 \$4,600 \$5,200							

* *

* *

2-5

2

LIFE

2034

\$6,600

\$200

Distribution

Exhaust Fans

Roof

Ductwork/Diffusers

Plumbing

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.

100%

100%

Asset # : 13263

echanical		Current Repair	Futur	e Replacement	М	aintenance	
rstem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing							
H/C Water Piping							
Galvanized Steel	100%		2042	* *	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		
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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name	: RUGBY BRANCH LIBRARY		
Address	: 1000 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 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$257,300	
Interior Architecture	\$3,600	\$65,000
Electrical	\$4,700	\$88,700
Mechanical	\$298,300	\$47,500
Total	\$563,900	\$201,200
Importance Code A	\$257,300	
Importance Code B	\$306,500	\$201,200
Total	\$563,900	\$201,200

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$8,800		\$300	
Interior Architecture	\$100	\$900	\$3,700	\$300
Electrical	\$800	\$300	\$300	\$4,200
Mechanical	\$2,500	\$800	\$8,300	\$800
Total	\$12,200	\$2,000	\$12,600	\$5,300
Importance Code A	\$9,300	\$400	\$800	\$400
Importance Code B	\$2,900	\$1,600	\$11,800	\$4,800
Importance Code C				
Total	\$12,200	\$2,000	\$12,600	\$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.

Asset # : 13264

		Current F	Repair	Futur	e Replacement	М	aintenance	
zstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
terior								
Exterior Walls	0-0/					_		
Masonry: Brick	97%			LIFE	* *	5	\$13,600	
Pre-Cast Concrete	3%			LIFE	* *	5	\$1,400	
Windows Aluminum	75%			2032	* *	5	\$600	
Aluminum		Now	\$8,800	2032	* *	5	\$100	
Aluminum	Deterioran Location Caulking I	ted Finish, 1 1 : South An Deteriorate	Extent : Moderate, ad West Facades d, Extent : Modera	Area Afj		5	\$100	
Description	Location	: Soun An	d West Facades					
Parapets Masonry: Brick	90%			LIFE	* *	5	\$3,200	
Masonry: Brick Metal Panel	90% 10%			2044	* *	5	\$3,200 \$1,400	
Roof	1070			2044		5	\$1,700	
Modified Bitumen			\$257,300 lerate, Area Affecte out	2034 ed : 20%	* *			
	Location Seams Op	e : West Sid	tent : Moderate, A					
File and								
Floors Ceramic Tile	5%			2033	* *	5	\$400	
Vinyl Tile	90%			2033	\$65,000	3	\$2,800	
Vinyl Tile	5%			2020	\$3,600	3	\$200	
·	Other Obs	ervation, E : Boiler Ro	xtent : Moderate, A			-	+_ • •	
Interior Walls		tion : 9x9 T						
Interior Walls Ceramic Tile	Explana			2033	* *	5	\$100	
Ceramic Tile	Explanat 3%			2033 LIFE	* * * *	5	\$100 \$100	
	Explanat 3%			2033 LIFE LIFE		5 5 5	\$100 \$100 \$500	
Ceramic Tile Concrete Masonry Unit	<i>Explana</i> 3% 10%			LIFE	* *	5	\$100	
Ceramic Tile Concrete Masonry Unit Plaster	<i>Explana</i> 3% 10%			LIFE	* *	5	\$100	
Ceramic Tile Concrete Masonry Unit Plaster Ceilings	Explana 3% 10% 87%			LIFE LIFE	* * * *	5 5	\$100 \$500	
Ceramic Tile Concrete Masonry Unit Plaster Ceilings AcousTileSusp.Lay-In Gypsum Board	Explanat 3% 10% 87% 90%	tion : 9x9 T	ïles	LIFE LIFE 2037 LIFE	* * * * * *	5 5 5 5	\$100 \$500 \$7,400 \$1,000	
Ceramic Tile Concrete Masonry Unit <u>Plaster</u> Ceilings AcousTileSusp.Lay-In Gypsum Board	Explana. 3% 10% 87% 90% 10%	tion : 9x9 1	<i>ïles</i> Repair	LIFE LIFE 2037 LIFE Futur	* * * * * * * *	5 5 5 5 M	\$100 \$500 \$7,400 \$1,000 aintenance	
Ceramic Tile Concrete Masonry Unit Plaster Ceilings AcousTileSusp.Lay-In Gypsum Board lectrical //stem Component Type	Explanat 3% 10% 87% 90%	tion : 9x9 1	ïles	LIFE LIFE 2037 LIFE Futur	* * * * * *	5 5 5 5 M	\$100 \$500 \$7,400 \$1,000	Priori
Ceramic Tile Concrete Masonry Unit Plaster Ceilings AcousTileSusp.Lay-In Gypsum Board	Explana. 3% 10% 87% 90% 10% % of Total 100% Other Obs	tion : 9x9 T Current F Fail Date (Years)	ïles Repair Estimated Cost	LIFE LIFE 2037 LIFE Futur Year FY 2024	* * ** ** e Replacement Estimated Cost \$1,500	5 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$100 \$500 \$7,400 \$1,000 aintenance	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 # : 13264

Electrical		Current Repair	Fu	ture	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estima (Years)	ated Cost Yes		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts								
Raceway								
Conduit	90%		202		\$29,200	1		
Conduit	10%		204	4	* *	1		
Panelboards								
Molded Case Bkrs	75%		204		* *	5	\$200	
Molded Case Bkrs	25%		202	3	\$3,900	5	\$100	
Wiring								
Thermoplastic	75%		204		* *	1		
Thermoplastic	25%		202	4	\$7,200	1		
Motor Controllers	1000/		202		¢15 (00	-	\$100	
Locally Mounted	100%		202	9	\$15,600	5	\$100	
Bround								
Grounding Devices Generic	100%		LIF	ъ	* *	5	\$100	
	10070		LIF	Ľ		5	\$100	
ighting Interior Lighting								
Fluorescent	90%		202	9	\$84,000	10	\$7,400	
Tuorescent		And Fixtures, Ext				10	φ7,400	
	-	: Throughout The						
Fluorescent	5%		202	0	\$4,700	10	\$400	
Thusiescent		s And Fixtures Ex			ea Affected : 100%		\$400	
	-	: Book Shelves Ar		11/	angeelea i 10070	,		
Fluorescent	5%		202		\$4,700	10	\$400	
		ervation, Extent : l	Moderate, Area A	Affe	cted : 100%			
		: Front Entrance						
	Explanat	on : Compact Flu	orescent Light F	ixtu	res			
Egress Lighting								
Emergency, Battery	50%		202		\$6,300	10	\$1,100	
Exit, Service	50%		202	.9	\$700	1		
Exterior Lighting	2.5%				A7 5 00	10	#2 00	
Fluorescent	25%		202		\$7,500	10	\$200	
		ervation, Extent : 1	Moderate, Area F	ц <i>ј</i> је	ctea : 100%			
	Location Evenlance		anagaant Liaht E	:				
		on : Compact Flu	=			10		
HID	75%		202	4	\$26,400	10		
Alarm								
Security System	1000/		202	2	* *	1	¢2 400	
Generic	100% Other Obs	mution Extent . 1	203 Moderate Area			1	\$3,400	
		rvation, Extent : 1 : Throughout The		ijje				
		on : CCTV Survei	0					

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.

RUGBY BRANCH LIBRARY

Asset # : 13264

Mechanical	Current Repair Future Replacem			e Replacement	ement Maintenance		
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating							
Energy Source							
Natural Gas	100%		2044	* *	1		
Conversion Equipment	1000/			ata ata		* 4 = ~ ~	
Hot Water Boiler	100%	ndian Fridand & Links Anna	2037	* *	1	\$4,500	
		ation, Extent : Light, Area Basement Boiler Room	Ајјестеа	: 100%			
	Explanation						
Distribution	Explanation						
Hot Wtr Piping/Pump	100%		2032	* *	4	\$700	
Terminal Devices							
Air Handler	20%		2024	\$24,600	1	\$1,100	
Convector/Radiator	80%		2037	* *	1	\$2,300	
Air Conditioning							
Energy Source							
Electricity	100%		2040	* *	1		
Conversion Equipment	200/		2022	¢2(1 100	2	¢ 400	
Interior Pkg Unit - Cooling	80%		2022	\$261,100	2	\$400	
Cooling	R-22 Refriger	ant, Extent : Light, Area A	ffected ·	80%			
		st Floor Equipment Room	gjeereu .	0070			
Int Pkg Unit -	20%	1 1	2022	\$37,100	2	\$100	
Heating/Cooling	2070		2022	\$57,100	2	\$100	
	R-22 Refriger	ant, Extent : Light, Area A	ffected :	20%			
	Location : 1	st Floor Equipment Room					
Heat Rejection							
Dry Cooler	100%		2024	\$47,500	2	\$6,300	
entilation							
Distribution	1000/		LIPP	* *	o -	<i># = 000</i>	
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,000	
Exhaust Fans Interior	90%		2024	\$28,000	n	¢200	
Roof	90% 10%		2024 2024	\$28,000	2 2	\$300	
lumbing	1070		2024	\$1,700	2		
H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater							
Gas Fired	100%		2022	\$5,300	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures	1000/						
Generic	100%						

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

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed	 RYDER 5902 23RI BROOKI BPL0R80 10,690 20-Sep-20 Roof, Floo 	D AVE. @5 JYN .000 / 13265 17	9 STREET	Agency's Number Yr Built/Renovated Project Type Landmark Status	: 80 : 1970 / 1998 : BROOKLYN PUBI : NONE	LIC LIBRARY
Block	: 6548	Lot	: 37	BIN	: 3172049	
CAPITAL				FY 2020 - 2023		FY 2024 - 2029
Exterior Architec	ture			\$216,900		
Interior Architect	ure			\$61,600		
Electrical						\$120,200
Mechanical						\$332,000
Total				\$278,500		\$452,200
Importance Code	А			\$216,900		
Importance Code	В			\$61,600		\$452,200
Total				\$278,500		\$452,200
EXPENSE			FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architec	ture		\$35,800			
Interior Architect	ure		\$20,700		\$300	\$1,000
Electrical			\$15,200	\$600	\$800	\$700
Mechanical			\$4,900	\$2,000	\$1,800	\$2,000
Total			\$76,700	\$2,600	\$2,900	\$3,700
Importance Code	А		\$36,500	\$500	\$500	\$500
Importance Code	В		\$34,900	\$2,100	\$2,300	\$3,000
Importance Code	С		\$5,300			\$100
Total			\$76,700	\$2,600	\$2,900	\$3,700



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.

BROOKLYN PUBLIC LIBRARY - 038 RYDER BRANCH LIBRARY

Asset # : 13265

Architecture		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								B
Exterior Walls								
Cast in Place Concrete	8%			LIFE	* *	5	\$6,700	
Masonry: Brick	90%			LIFE	* *	5	\$15,100	
Metal Panel	2%			2039	* *	5-10	\$1,200	
Windows Aluminum	Air Infiltra Locatior Weather S	: Through	g, Extent : Modera			5	\$1,400	
Roof								
Modified Bitumen	Blisters, E Location	: Through			* *			
		Evident, Ex : Through	tent : Moderate, An out	ea Affec	ted : 25%			
	0	Extent : Mo : Through	oderate, Area Affect cout	ted : 5%				
	-	en/Split, Ex : Through	xtent : Moderate, A cout	rea Affeo	cted : 20%			
			Extent : Moderate, A Locations Through		ected : 20%			
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
nterior								
Floors	70/			LIPP	بلد بلد	-	#2 5 00	
Cast in Place Concrete	7%	0.2	¢500	LIFE	* *	5 5	\$2,500	
Ceramic Tile			\$500 nents, Extent : Mod	2038 erate, Ar		3	\$100	
	Jnt Morta	e : Toilets r Miss/Eroo e : Toilets	d, Extent : Moderat	e, Area	Affected : 10%			
Quarry Tile	5%			2042	* *	5	\$600	
Vinyl Tile	0		\$61,600 Extent : Moderate yout	2039 , Area A	* * ffected : 20%	3	\$2,600	
	Location	: Corrido						
		ded, Extent : Through	t : Moderate, Area . cout	Affected	: 25%			
Interior Walls								
Ceramic Tile	3%			2038	* *	5	\$200	
Concrete Masonry Unit	40%			LIFE	* *	5	\$2,400	
Gypsum Board	47%			LIFE	* *	5-10	\$6,000	
Masonry: Brick	10%			LIFE	* *	10	\$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.

RYDER BRANCH LIBRARY Asset #: 13265

		ASS	et # : 13	265				
Architecture		Current Repair		Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estin (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered		Now	\$5,500	2042	* *	5	\$1,400	
	-	Discoloring, Exten 1 : Throughout	t : Moderate	, Area A	ffected : 50%			
		ded, Extent : Mod	erate Area	Affected	· 25%			
		aca, Extent : mou 1 : Throughout	<i>cruic</i> , <i>11cu 1</i>	ŋjeereu	. 2370			
AcousTileSusp.Lay-In	-	Now	\$6,900	2042	* *	5	\$2,100	
recoust neousp.Luy m		Discoloring, Exten			ffected : 25%	5	φ2,100	
	-	a : Throughout						
	Water Per	netration, Extent :	Light, Area	Affected	: 5%			
	Location	a : Various Locatio	ons Through	out				
		ded, Extent : Mod	erate, Area I	Affected	: 25%			
		a : Throughout						
Exposed Struc: Steel	5%			LIFE	* *	10	\$800	
Gypsum Board	10%		\$400	LIFE	* *	5	\$1,000	
		l Cracks, Extent : Main Public Sr		Affected	: 5%			
Site Enclosure	Location	ı : Main Public Sp	ace					
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		Current Repair		Futur	e Replacement	М	aintenance	
System	% of	Fail Date Estin	nated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component	Total	(Years)		FY		(Yrs)		
Туре								
Under 600 Volts Service Equipment								
Molded Case Bkrs	100%			2029	\$1,500	5	\$300	
Monded Cuse Dats		servation, Extent :	Light, Area			5	4500	
		ı : Electrical Room	-	00				
	Explana	tion : One 350 An	peres Main	Disconn	ect Switch			
Switchgear / Switchboard				-		-		
Molded Case Bkrs	100%			2029	\$33,500	5	\$300	
Raceway					A			
Conduit	95%			2029	\$30,800	1		
Conduit	5%			2049	* *	1		
Panelboards Fused Disc Sw	50/			2028	\$800	5		
Molded Case Bkrs	5% 75%			2028 2028	\$800 \$11,600	5 5	\$200	
Molucu Case DKIS	1370			2020	\$11,000	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

RYDER BRANCH LIBRARY Asset # : 13265

		Asset # : 1	3265				
Electrical		Current Repair	Futu	re 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							
Wiring							
Braided Cloth		2-4 \$14,400 Aged, Extent : Moderate, Ar a : Throughout The Building	2054 ea Affecte	* * ed : 100%	1		
Thermoplastic	20%		2049	* *	1		
Thermoplastic	30%		2029	\$8,600	1		
Motor Controllers							
Locally Mounted	100%		2027	\$31,300	5	\$100	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$300	
Lighting							
Interior Lighting							
LED	70%		2039	* *			
LED	30%		2024	\$120,200			
		servation, Extent : Light, Area a : First Floor	a Affected	1 : 100%			
	Explana	tion : LED Bulb Are New Bu	t The Fixt	tures Are Old			
Egress Lighting							
Emergency, Battery	50%		2034	* *	10	\$1,300	
Exit, LED	30%		2069	* *	1		
Exit, Service	20%		2034	* *	1		
Exterior Lighting							
HID	50%		2024	\$20,900	10		
LED	50%		2039	* *			
Alarm							
Security System							
No Component	50%						
Generic	50%		2037	* *	1	\$2,000	
Fire/Smoke Detection							
No Component	30%						
Generic, Digital	70%		2037	* *	1-3	\$4,600	
Mechanical		Current Repair	Futu	re Replacement	М	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Heating			1				1
Energy Source Natural Gas	100%		2039	* *	1		
	10070		2000		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.

RYDER BRANCH LIBRARY Asset # : 13265

	Current Repair	Futur	e Replacement	М	aintenance	
% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
				1	\$2,600	
	_		: 50%			
		ı				
		2024	¢C 100	1	¢1 200	
				1	\$1,200	
		ea Ajjecie	a : 23%			
	v	Init Roth	Heat And Air Con	ditionin	n Do not Work	
				1	\$1,300	
	-		: 25%			
		l				
Explana	tion : I Unit					
250/		2027	* *	4	\$200	
		2037		4	\$200	
/ 5 / 0						
250/		2024	* *	1	\$000	
		2034		1	\$900	
/ 5 / 0						
100%		2037	* *	1		
10070		2037		1		
30%	Now \$1,900	2024	\$38,900	2	\$200	
5070	φ1,900	2024	\$50,700	2	φ200	
R-22 Refr	igerant, Extent : Severe, Area	Affected	: 30%			
-	-	55				
		2029	\$154 900			
	igerant, Extent : Light, Area					
-			,0,0			
20041101						
70%		2029	\$138 100	1	\$2 400	
		202)	\$150,100	1	φ2,100	
5070						
70%		2029	\$14 600	2	\$5,200	
/0/0		202)	φ1 1,000	2	\$5,200	
30%						
2070						
100%	Now \$1.900	LIFE	* *	2-5	\$6.000	
			fected : 2%	-	* - , •	
	8			rips.		
50%		2029	\$18.400	2	\$200	
25%		2024	\$4,300	2	\$100	
				-	4 - 0 0	
	Total 50% Other Obs Location Explana 25% Other Obs Location 25% 0ther Obs 25% 0ther Obs 100% 100% R-22 Refr Location 70% 30% 70% 30% 100% Insul. Deta Location 50%	% of Fail Date Estimated Cost Total (Years) 50% Other Observation, Extent : Light, Area Location : 1st Floor Equipment Room Explanation : 3 Units 25% Now \$300 Other Observation, Extent : Severe, Area Location : Roof Explanation : One Rooftop Package U 25% Other Observation, Extent : Light, Area Location : Ist Floor Equipment Room Explanation : 1 Unit 25% Other Observation, Extent : Light, Area Location : Ist Floor Equipment Room Explanation : 1 Unit 25% 30% Now \$1,900 R-22 Refrigerant, Extent : Severe, Area Location : AC Does not Work, Roof 70% 30% R-22 Refrigerant, Extent : Light, Area A Location : 3 Units, 1st Floor Equipment 70% 30% 70% 30% 70% 30% 70% 30% 70% 30% 70% 30% 100% Now \$1,900 Insul. Deteriorating, Extent : Moderate Location : Top Of Children Area Ceil 50%	% of TotalFail Date (Years)Year FY50%2024Other Observation, Extent : Light, Area Affected Location : 1st Floor Equipment Room Explanation : 3 Units30025%Now\$30025%Now\$30025%Now\$30025%2034Other Observation, Extent : Severe, Area Affected Location : Roof2034Explanation : One Rooftop Package Unit, Both 25%2034Other Observation, Extent : Light, Area Affected Location : 1 Unit203725%2034Other Observation, Extent : Severe, Area Affected Location : 1 Unit203725%2034100%Now\$1,9002024R-22 Refrigerant, Extent : Severe, Area Affected : Location : AC Does not Work, Roof70%202930%202930%202930%202930%\$1,900100%Now\$1,900LIFE Insul. Deteriorating, Extent : Moderate, Area Afje Location : Top Of Children Area Ceiling, Cau50%2029	% of Fail Date Estimated Cost TotalYear (Years)Estimated Cost FY50%2024\$12,200Other Observation, Extent : Light, Area Affected : 50% Location : 1 Ist Floor Equipment Room Explanation : 3 Units\$300202425%Now\$3002024\$6,100Other Observation, Extent : Severe, Area Affected : 25% Location : Roof2034**Explanation : One Rooftop Package Unit, Both Heat And Air Cond 25%2034**Other Observation, Extent : Light, Area Affected : 25% Location : 1 Ist Floor Equipment Room Explanation : 1 Unit2037**25%2034****00%2037****30%Now\$1,9002024\$38,900R-22 Refrigerant, Extent : Severe, Area Affected : 30% Location : AC Does not Work, Roof2029\$154,900R-22 Refrigerant, Extent : Light, Area Affected : 70% Location : 3 Units, 1st Floor Equipment Room2029\$154,90070%2029\$138,10030%2029\$138,10030%Now\$1,900LIFE**70%2029\$14,60030%2029\$14,60030%Now\$1,900LIFE**100%Now\$1,900LIFE**100%Now\$1,900LIFE**100%Now\$1,900LIFE**100%Now\$1,900LIFE**100%Now\$1,900LIFE**100%Now\$1,900LIFE** <td>% of Fail Date Estimated Cost Total Year Estimated Cost FY Cycle (Yrs) 50% 2024 \$12,200 1 Other Observation, Extent : Light, Area Affected : 50% Location : 1st Floor Equipment Room Explanation : 3 Units \$6,100 1 Other Observation, Extent : Severe, Area Affected : 25% Location : Roof \$6,100 1 Explanation : One Rooftop Package Unit, Both Heat And Air Conditioning 25% 2034 ** 1 Other Observation, Extent : Light, Area Affected : 25% Location : Roof 2034 ** 1 25% 2034 ** 1 1 Other Observation, Extent : Light, Area Affected : 25% Location : 1st Floor Equipment Room Explanation : 1 Unit ** 1 25% 2037 ** 4 75% 2037 ** 1 100% 2037 ** 1 30% Now \$1,900 2024 \$38,900 2 R-22 Refrigerant, Extent : Severe, Area Affected : 70% Location : 3 Units, 1st Floor Equipment Room 1 1 70% 2029 \$138,100 1 30% 2029</td> <td>% of Total Fail Date (Years) Estimated Cost FY Cycle (Yrs) Estimated Cost (Yrs) 50% 2024 \$12,200 1 \$2,600 Other Observation, Extent : Light, Area Affected : 50% Location : 3 Units 2024 \$6,100 1 \$2,600 Other Observation, Extent : Severe, Area Affected : 25% Location : Roof 2024 \$6,100 1 \$1,200 Other Observation, Extent : Severe, Area Affected : 25% Location : One Rooftop Package Unit, Both Heat And Air Conditioning Do not Work. 25% Location : I st Floor Equipment Room \$1,300 Other Observation, Extent : Light, Area Affected : 25% Location : 1 Unit 2034 ** 1 \$1,300 25% 2037 ** 4 \$200 \$1,300 Other Observation, Extent : Light, Area Affected : 25% Location : 1 Unit 2037 ** 1 \$200 75% 2034 ** 1 \$200 \$25% \$201 \$201 25% 2037 ** 1 \$200 \$201 \$201 \$201 30% Now \$1,900 2024 \$38,900 2 \$200 <</td>	% of Fail Date Estimated Cost Total Year Estimated Cost FY Cycle (Yrs) 50% 2024 \$12,200 1 Other Observation, Extent : Light, Area Affected : 50% Location : 1st Floor Equipment Room Explanation : 3 Units \$6,100 1 Other Observation, Extent : Severe, Area Affected : 25% Location : Roof \$6,100 1 Explanation : One Rooftop Package Unit, Both Heat And Air Conditioning 25% 2034 ** 1 Other Observation, Extent : Light, Area Affected : 25% Location : Roof 2034 ** 1 25% 2034 ** 1 1 Other Observation, Extent : Light, Area Affected : 25% Location : 1st Floor Equipment Room Explanation : 1 Unit ** 1 25% 2037 ** 4 75% 2037 ** 1 100% 2037 ** 1 30% Now \$1,900 2024 \$38,900 2 R-22 Refrigerant, Extent : Severe, Area Affected : 70% Location : 3 Units, 1st Floor Equipment Room 1 1 70% 2029 \$138,100 1 30% 2029	% of Total Fail Date (Years) Estimated Cost FY Cycle (Yrs) Estimated Cost (Yrs) 50% 2024 \$12,200 1 \$2,600 Other Observation, Extent : Light, Area Affected : 50% Location : 3 Units 2024 \$6,100 1 \$2,600 Other Observation, Extent : Severe, Area Affected : 25% Location : Roof 2024 \$6,100 1 \$1,200 Other Observation, Extent : Severe, Area Affected : 25% Location : One Rooftop Package Unit, Both Heat And Air Conditioning Do not Work. 25% Location : I st Floor Equipment Room \$1,300 Other Observation, Extent : Light, Area Affected : 25% Location : 1 Unit 2034 ** 1 \$1,300 25% 2037 ** 4 \$200 \$1,300 Other Observation, Extent : Light, Area Affected : 25% Location : 1 Unit 2037 ** 1 \$200 75% 2034 ** 1 \$200 \$25% \$201 \$201 25% 2037 ** 1 \$200 \$201 \$201 \$201 30% Now \$1,900 2024 \$38,900 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.

BROOKLYN PUBLIC LIBRARY - 038 RYDER BRANCH LIBRARY

Asset # : 13265

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

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address	: 8 THOM	GA BRANCH LIBRAR AS S BOYLAND ST. @N	IACON ST.		
Borough	: BROOKL		Agency's Number	: 57	
Program / Asset #	: BPL0S57.	.000 / 13266	Yr Built/Renovated	: 1908 / 2002	
Area Sq Ft	: 10,690		Project Type	: BROOKLYN PUBL	IC LIBRARY
Date of Survey	: 24-Oct-20		Landmark Status	: NONE	
Areas Surveyed	: Basement	, Roof, Floors 1,mz			
Block	: 1498	Lot : 35	BIN	: 3040218	
CAPITAL			FY 2020 - 2023		FY 2024 - 2029
Exterior Architect	ture		\$37,000		
Interior Architect	ure		\$93,000		
Mechanical					\$355,600
Total			\$129,900		\$355,600
Importance Code	А		\$37,000		
Importance Code	В		\$93,000		\$355,600
Total			\$129,900		\$355,600
EXPENSE		FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architect	ture	\$44,100		\$17,000	
Interior Architect	ure	\$41,000			\$2,200
Electrical		\$600	\$300	\$400	\$300
Mechanical		\$12,100	\$3,300	\$2,300	\$3,100
Site Enclosure		\$3,100			
Site Pavements		\$3,300			
Total		\$104,100	\$3,600	\$19,700	\$5,500
Importance Code	А	\$44,600	\$500	\$17,500	\$500
Importance Code	В	\$33,000	\$3,100	\$2,200	\$4,500
Importance Code	С	\$26,600			\$500
Total		\$104,100	\$3,600	\$19,700	\$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.

Asset # : 13266

rchitecture	Cui	rent Repair	Futur	e Replacement	M	aintenance	
vstem Component Type		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls		#2- 000			_	¢11.000	
Masonry: Brick	Location : Th Water Penetrat Location : Th	s/Erod, Extent : Modera roughout ion, Extent : Moderate,			5	\$11,800	
Masonry: Limestone	20%		LIFE	* *	5	\$4,700	
Metal Panel	5% No		2039	* *	5	\$1,500	
	Location : Me Deteriorated Fi	ing, Extent : Moderate, tal Panel Covers At Soc nish, Extent : Moderate tal Panel Covers At Soc	uth And E , Area Aff	ast Facades fected : 25%			
Windows							
Glass Block	5%		LIFE	* *	5	\$200	
Metal Louvers	2%		2038	* *	10	\$500	
Wood	93%		2037	* *	5	\$34,000	
Parapets Masonry: Limestone	100%		LIFE	* *	5-10	\$31,800	
Roof Slate	100%		LIFE	* *	10	\$11,900	
Soffits Cast Stone/Terra Cotta erior	100%		LIFE	* *	5		
Floors							
Cast in Place Concrete	10%		LIFE	* *	5	\$5,400	
Ceramic Tile	5%		2038	* *	5	\$600	
		Extent : Light, Area Affé Elets Throughout	cted : 5%	i			
Vinyl Tile	85% No	w \$93,000	2039	* *	3	\$4,000	
	Location : At	bling, Extent : Moderat Main Entrance Extent : Moderate, Area st Floor		-			
Interior Walls	50/		2020	* *	_	¢1 100	
Ceramic Tile	5%		2038	ት ች • •	5	\$1,100	
Concrete Masonry Unit	5%	¢0.500	LIFE	* *	5	\$800	
Masonry: Brick	Location : Ar	xs, Extent : Moderate, A ea Way ion, Extent : Moderate,		ted : 5%			
Plaster	Location : Th	bling, Extent : Moderat roughout ion, Extent : Moderate,	-	-	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 Repa	air	Futur	e Replacement	Ν	laintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cos	st Cycle (Yrs)	Estimated Cost	Priorit
nterior								
Ceilings	10%			2034	*	* 5	¢1 200	
AcousTileSusp.Lay-In Plaster	10% 85%			LIFE	*	5	\$1,200 \$18,200	
Wood	83% 5%			LIFE	*		\$18,200	
ite Enclosure	570			LIFE		5	\$10,900	
Fence/Gates								
Iron Picket	100%	0-2	\$3,100	2049	*	*		
		/Rusting, Exten			cted : 15%			
	Location	: Throughout						
Free Standing Walls								
Masonry: Brick	100%			2039	*	*		
Retaining Walls								
Cast in Place Concrete	100%			2049	*	*		
ite Pavements								
Public Sidewalk	1000/		.	• • • •	*			
Cast in Place Concrete		Now	\$1,100	2034		*		
	-	Crumbling, Ext	ent : Moderate	r, Area Aj	ffected : 5%			
		bsiding, Exten	t · Modorato A	roa Affa	ated . 5%			
		: At Trees	i . Moderale, A	лей Ајјев	.ieu . 570			
On-Site Walkways	Boounton							
Cast in Place Concrete	50%	Now	\$1,300	2034	*	*		
		Crumbling, Ext	. ,		ffected : 10%			
	-	: Throughout						
Masonry: Granite	10%	4+	\$900	LIFE	*	*		
		r Miss/Erod, E			Affected : 10%			
	Location	: Entry Stair						
Pavers/Stone	40%			2032	*	*		
Parking/Driveway								
Asphalt	100%			2032	*	*		

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	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2049	* *	5		
	Other Observation, Extern	t : Light, Area Affected	: 100%			
	Location : Electrical Re	oom				
	Explanation : One 400	Amperes Main Disconn	ect Switch			
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 R	eplacement	М	aintenance	
ystem Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts						
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	
iround						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
ighting						
Interior Lighting	700/	2024	* *	10	¢< 000	
Fluorescent	70%	2034		10	\$6,900	
	T-12 Lamps And Fixtures, Exte		ted : 100%			
	Location : Throughout The B					
Fluorescent	25%	2034	* *	10	\$2,500	
	T-8 Lamps And Fixtures, Exter Location : Throughout The B		ed : 100%			
Fluorescent	2%	2034	* *	10	\$200	
	Compact Fluorescent Light, Ex Location : Boiler And Storag		ected : 100%			
Fluorescent	3%	2034	* *	10	\$300	
	T-9 Lamps And Fixtures, Exter Location : Hallways	nt : Light, Area Affecte	ed : 100%			
Egress Lighting						
Emergency, Battery	50%	2034	* *	10	\$1,300	
Exit, Service	50%	2034	* *	1		
Exterior Lighting						
HID	100%	2034	* *	10		
larm						
Security System						
No Component	70%	2024	* *		¢1.000	
Generic	30%	2034		1	\$1,200	
	Other Observation, Extent : Li	0 00	00%			
	Location : Inside And Outsid	-	• • • • • •	M		
Fire/Smoke Detection	Explanation : CCTV Surveill	ance Cameras, Intrus	ion Alarm Ana	Motion 2	sensor	
No Component	70%					
Generic, Digital	30%	2037	* *	1-3	\$2,000	
Generic, Digitar	3078	2037		1-3	\$2,000	
Mechanical	Current Repair	Future R	eplacement	М	aintenance	
System Component	% of Fail Date Estimat	ed Cost Year Es	timated Cost	Cycle	Estimated Cost	Priorit
Туре	Total (Years)	FY		(Yrs)		
	I					
eating Energy Source						
Natural Gas	100%	2049	* *	1		
inaturar Oas	10070	2042		1		

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

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	Priority
Ieating								
Conversion Equipment Hot Water Boiler	Location	ervation, H	Extent : Light, Area at Boiler Room it	2034 a Affected	* * 1: 100%	1	\$5,300	
Distribution								
Hot Wtr Piping/Pump	100%			2037	* *	4	\$800	
Terminal Devices Air Handler Convector/Radiator	40% 60%			2029 2034	\$58,300 * *	1 1	\$2,600 \$2,100	
Air Conditioning							<i> </i>	
Energy Source Electricity	100%			2045	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	100%			2029	\$88,000	1	\$5,000	
compreniner	-	-	tent : Light, Area A 2nd Floor New Ex		100%			
Terminal Devices Air Handler/Dir Expansion	100%	0-2	\$5,800	2029	\$115,900	1		
I			: Moderate, Area A Of The Unit, Basen		5%			
Heat Rejection								
Dry Cooler	100%			2029	\$56,400	2	\$7,400	
Ventilation								
Distribution Ductwork/Diffusers			\$4,800 Extent : Moderate, Locations	LIFE Area Aff	* * fected : 20%	2-5	\$6,000	
Exhaust Fans	Locuiton	i. various	Locuitons					
Interior	100%			2029	\$36,900	2	\$300	
Plumbing	10070			_ • _ /	42 0,9 00	-	4200	
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater	1000/			2025	* < * < *	~	#2 0 0	
Gas Fired	100%			2027	\$6,300	2	\$200	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	10070			LIFE		1		
Cast Iron	100%			LIFE	* *	1		
Fixtures Generic	100%							
/ertical Transport	10070							

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

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 Li	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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name		CREEK BR							
Address	: 12143 FL	ATLANDS A	VE. @NEW	JERSEY AVENUE					
Borough	: BROOK	LYN		Agency's Number	: 85				
Program / Asset #	: BPL0S85	5.000 / 13267		Yr Built/Renovated	: 1976 / 2012				
Area Sq Ft	: 7,500			Project Type	oject Type : BROOKLYN PUBLIC LIBRARY				
Date of Survey	: 25-Mar-2	2013		Landmark Status	: NONE				
Areas Surveyed	: Roof, Flo	oors 1							
Block	: 4413	Lot	: 25	BIN	: 3098071				
CAPITAL				FY 2020 - 2023		FY 2024 - 2029			
Exterior Architec	ture			\$101,300		\$266,700			
Interior Architect	ture					\$86,600			
Electrical						\$77,800			
Mechanical				\$81,600		\$56,100			
Total				\$182,900		\$487,100			
Importance Code	А			\$101,300		\$322,800			
Importance Code	В			\$81,600		\$164,400			
Total				\$182,900		\$487,100			
EXPENSE			FY 2020	FY 2021	FY 2022	FY 2023			
Exterior Archited	ture								
Interior Architect	ture		\$4,600	\$1,200	\$5,300	\$300			
Electrical			\$200	\$100	\$100	\$100			
Mechanical			\$11,600	\$900	\$2,500	\$900			
Total			\$16,300	\$2,200	\$7,900	\$1,300			

Total	\$16,300	\$2,200	\$7,900	\$1,300
Importance Code A	\$1,100	\$400	\$400	\$400
Importance Code B	\$10,600	\$1,900	\$7,600	\$900
Importance Code C	\$4,600			
Total	\$16,300	\$2,200	\$7,900	\$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.

BROOKLYN PUBLIC LIBRARY - 038 SPRING CREEK BRANCH LIBRARY

Asset # : 13267

			Asset # : 13	5267				
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
xterior								
Exterior Walls Masonry: Brick			\$48,000 d, Extent : Moderat out	LIFE te, Area A	* * Affected : 25%	5	\$15,400	
Metal: Cage/Fence	5%			2029	\$9,500	5	\$3,500	
Parapets Masonry: Brick Metal Panel	90% 10%			LIFE 2044	* *	5 5	\$1,600 \$700	
Roof								
Modified Bitumen			\$53,300 derate, Area Affecto out	2029 ed : 20%	\$266,700			
Skylight, Metal/Glass	8%			2044	* *	10	\$5,500	
terior Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$1,200	
Ceramic Tile	5%			2033	* *	5	\$500	
Vinyl Tile	90%			2024	\$86,600	3	\$3,700	
Interior Walls Concrete Masonry Unit Masonry: Brick	-	4+	\$4,600 Extent : Light, Ard	LIFE LIFE ea Affecte	* * * * ed : 15%	5	\$4,100	
Ceilings AcousTileSusp.Lay-In Exposed Struc: Steel	95% 5%			2037 LIFE	* * * *	5	\$10,600	
lectrical		Current I	Deneir	E	a Banlasamant	м	aintenance	
					e Replacement			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
nder 600 Volts Service Equipment Molded Case Bkrs	100%			2044	* *	5	\$200	
	Location	ı : Electrica	Extent : Moderate, A ul Room 400 Ampere Main I					
Switchgear / Switchboard Molded Case Bkrs	100%			2044	* *	5	\$200	

Switchgear / Switchboard					
Molded Case Bkrs	100%	2044	* *	5	\$200
Raceway					
Conduit	100%	2044	* *	1	
Panelboards					
Fused Disc Sw	10%	2040	* *	5	
Molded Case Bkrs	90%	2040	* *	5	\$200
Wiring					
Thermoplastic	100%	2044	* *	1	

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

BROOKLYN PUBLIC LIBRARY - 038 SPRING CREEK BRANCH LIBRARY

Asset # : 13267

		A5561#.1.					
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							
Motor Controllers							
Locally Mounted	100%		2037	* *	5	\$100	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
ighting							
Interior Lighting							
Fluorescent	95%		2029	\$73,900	10	\$6,500	
		ervation, Extent : Light, Arec	a Affected	! : 100%			
		: Throughout					
		tion : T-12 Lamps					
Fluorescent	5%		2029	\$3,900	10	\$300	
	-	And Fixtures, Extent : Mode		a Affected : 100%			
	Location	: Front Desk And Meeting R	oom				
Egress Lighting							
Emergency, Battery	50%		2029	\$5,200	10	\$900	
Exit, Service	50%		2029	\$600	1		
Exterior Lighting	1000/		• • • •	†• ••••	1.0		
HID	100%		2029	\$29,300	10		
larm							
Security System	700/						
No Component	70% 30%		2029	\$7,000	1	\$800	
Generic	30%		2029	\$7,000	1	\$800	
Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date Estimated Cost		Estimated Cost			Priorit
Component Type	Total	(Years)	FY	Estimated Cost	(Yrs)	Estimated Cost	Friorit
leating							
Energy Source							
Natural Gas	100%		2044	* *	1		
Conversion Equipment							
Hot Water Boiler		Now \$1,100	2029	\$56,100	1	\$3,300	
		oning, Extent : Moderate, Are	a Affecte	d : 2%			
		: Boiler Control System					
		ervation, Extent : Light, Arec	a Affected	1 : 100%			
		: Mechanical Room					
	Explana	tion : One Unit					
Distribution			• • • •			.	
Hot Wtr Piping/Pump	100%		2032	* *	4	\$600	
Terminal Devices			0.000	* • • • • •		* • • • •	
Convector/Radiator	5%		2029	\$1,900	1	\$100	
No Component	95%	The transformer to the test	A.CC. 4	1.00/			
		ervation, Extent : Light, Arec	i Affected	1:0%			
		: Mechanical Room	I to day 4	C Sugar			
	Ехриана	tion : Air Handler Is Covered	Under A	C System			

Air Conditioning

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 SPRING CREEK BRANCH LIBRARY

Asset # : 13267

System Component Type % of Total Fail Date Fail Date Estimated Air Conditioning Energy Source 100% 100% Electricity 100% 100% Terminal Devices Air Handler/Cool/Ht 100% Now \$81. Obsolete Equipment, Extent : Sev Location : Mechanical Room Heat Rejection Air Cooled Condenser 100% Unit Unit Ventilation Ductwork/Diffusers 100% Exhaust Fans Interior 10% Interior 10% Plumbing H/C Water Piping	FY 2040 ,600 2034	Estimated Cost * *	Cycle (Yrs)	Estimated Cost	Priority
Energy Source Electricity 100% Terminal Devices Air Handler/Cool/Ht 100% Now \$81, Obsolete Equipment, Extent : Sev Location : Mechanical Room Heat Rejection Air Cooled Condenser 100% Unit Ventilation Distribution Ductwork/Diffusers 100% Exhaust Fans Interior 10% Roof 90% Plumbing H/C Water Piping	,600 2034		1		
Electricity 100% Terminal Devices Air Handler/Cool/Ht 100% Now \$81, Obsolete Equipment, Extent : Sev Obsolete Equipment, Extent : Sev Location : Mechanical Room Heat Rejection Air Cooled Condenser 100% Unit Unit Ventilation Distribution Ductwork/Diffusers 100% Exhaust Fans Interior 10% Roof 90% Plumbing H/C Water Piping Hot Water Piping Hot Water Piping	,600 2034		1		
Terminal Devices Air Handler/Cool/Ht 100% Now \$81, Obsolete Equipment, Extent : Sev Dobsolete Equipment, Extent : Sev Location : Mechanical Room Heat Rejection Air Cooled Condenser 100% Unit Ventilation Distribution Ductwork/Diffusers 100% Exhaust Fans Interior 10% Roof 90% Plumbing H/C Water Piping	,600 2034		1		
Air Handler/Cool/Ht 100% Now \$81, Obsolete Equipment, Extent : Sev Location : Mechanical Room Heat Rejection Air Cooled Condenser 100% Unit 100% Ventilation Distribution Ductwork/Diffusers 100% Exhaust Fans Interior Interior 10% Roof 90% Plumbing H/C Water Piping	/	al1.			
Obsolete Equipment, Extent : Sev Location : Mechanical Room Heat Rejection Air Cooled Condenser 100% Unit Unit Ventilation Distribution Ductwork/Diffusers 100% Exhaust Fans Interior Interior 10% Roof 90% Plumbing H/C Water Piping	/	باب ماد			
Location : Mechanical Room Heat Rejection Air Cooled Condenser 100% Unit Unit Distribution Distribution Ductwork/Diffusers 100% Exhaust Fans Interior 10% Roof 90% Plumbing H/C Water Piping H/C Water Piping H/C Water Piping	ere, Area Affect	* *	1	\$4,200	
Heat Rejection Air Cooled Condenser 100% Unit Unit Ventilation Distribution Ductwork/Diffusers 100% Exhaust Fans Interior Interior 10% Roof 90% Plumbing H/C Water Piping	55	ted : 100%			
Air Cooled Condenser 100% Unit Ventilation Distribution Ductwork/Diffusers 100% Exhaust Fans Interior 10% Roof 90% Plumbing H/C Water Piping					
Unit Ventilation Distribution <u>Ductwork/Diffusers</u> 100% Exhaust Fans Interior 10% <u>Roof</u> 90% Plumbing H/C Water Piping					
Ventilation Distribution Ductwork/Diffusers 100% Exhaust Fans Interior 10% Roof 90% Plumbing H/C Water Piping	2024	\$14,700	2	\$5,200	
Distribution Ductwork/Diffusers 100% Exhaust Fans Interior 10% Roof 90% Plumbing H/C Water Piping					
Ductwork/Diffusers100%Exhaust FansInteriorInterior10%Roof90%PlumbingH/C Water Piping					
Exhaust Fans Interior 10% Roof 90% Plumbing H/C Water Piping		* *	~ -	<i>†</i> 1 2 0 0	
Interior 10% Roof 90% Plumbing H/C Water Piping	LIFE	* *	2-5	\$4,200	
Roof 90% Plumbing H/C Water Piping	2024	** < • •	•		
Plumbing H/C Water Piping	2024	\$2,600	2	*2 00	
H/C Water Piping	2029	\$10,900	2	\$200	
D_{10}/C_{10}	2044	* *	1		
Brass/Copper 20% Galvanized Steel 80%	2044 2037	* *	1 1		
Water Heater	2037		1		
Electric 100%	2020	¢< 400	4	\$100	
	2020	\$6,400	4	\$100	
Sanitary Piping Cast Iron 100%	LIFE	* *	1		
	LIFE		1		
Storm Drain Piping Cast Iron 100%	LIFE	* *	1		
Fixtures	LIFE		1		
Generic 100%					
Fire Suppression					
Chemical System					
No Component 90%					
Generic 10%	2020	\$2,700	1-3	\$400	
Other Observation, Extent : Light			1-5	\$ + 00	
Location : Throughout	, 11. cu 199ceitu	. 100/0			
Explanation : Fire Extinguisher					

Note : 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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey	: 581 MOT : BROOK	5.000 / 13268		: 26 : 1914 / 2007 : BROOKLYN PUBI : NONE	LIC LIBRARY
Areas Surveyed		t, Roof, Floors 1,2,Mez			
Block	: 3794	Lot : 18	BIN	: 3084596	
CAPITAL			FY 2020 - 2023		FY 2024 - 2029
Exterior Architec			\$39,600		
Interior Architect	ure		\$85,000		¢2,000
Electrical					\$3,000
Total			\$124,600		\$3,000
Importance Code			\$39,600		
Importance Code	В		\$85,000		\$3,000
Total			\$124,600		\$3,000
EXPENSE		FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architec		\$58,600			
Interior Architect	ure	\$96,600		\$2,600	\$2,000
Electrical		\$11,100	\$1,000	\$1,300	\$1,100
Mechanical		\$12,600	\$2,300	\$4,600	\$2,000
Site Enclosure		\$7,200			
Elevators/Escalate	ors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$190,100	\$7,200	\$12,500	\$9,000
Importance Code	А	\$59,300	\$700	\$700	\$700
Importance Code	В	\$87,000	\$6,500	\$11,200	\$8,300
Importance Code	С	\$43,800		\$600	
Total		\$190,100	\$7,200	\$12,500	\$9,000



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

Asset # : 13268

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
xterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$50,000	
Masonry: Limestone	15%			LIFE	* *	5	\$6,600	
Windows	1000/			2045	* *	-	¢ (500	
Aluminum	100%			2045		5	\$6,500	
Parapets Masonry: Brick	85%			LIFE	* *	5-10	\$23,800	
Masonry: Limestone	15%			LIFE	* *	5-10	\$7,500	
Roof	1370			LIFL		5-10	\$7,500	
Modified Bitumen	100%	Now	\$39,600	2034	* *			
Modified Ditalien			lerate, Area Affect					
		: Over Sec						
	Seams Ope	en/Split, Ex	tent : Moderate, A	rea Affec	rted : 15%			
	Location	: Over Sec	cond Floor	00				
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
terior								
Floors								
Carpet	20%			2028	\$43,300	3	\$4,900	
Carpet		Now	\$21,600	2031	* *	3	\$2,500	
			: Severe, Area Aff pose Room	ected : 10	00%			
Cast in Place Concrete	3%			LIFE	* *	5	\$2,100	
Ceramic Tile	5%			2042	* *	5	\$800	
Vinyl Tile		Now	\$85,000	2039	* *	3	\$3,600	
			tent : Light, Area A	Affected :	25%			
		: Through						
			: Light, Area Affeo	cted : 30%	%			
		: Through						
Wood		Now	\$16,800	2069	* *	5	\$500	
			nt : Severe, Area Aj					
			cal Room On Seco					
	-		t, Extent : Severe,					
			cal Room On Seco					
			xtent : Severe, Are cal Room On Seco					
Interior Walls	Location	. mecnani	cui Koom On Seco	na r 100r				
	5%			2042	* *	5	\$1,100	
Ceramic Tile				2042 LIFE	* *	5-10	\$1,100 \$7,600	
Ceramic Tile								
Gypsum Board	20% 50%	$\Delta +$	\$9 300	I IFF	* *	5	\$3 400	
	50%	4+ etration. E	\$9,300 xtent : Light, Area	LIFE Affected		5	\$3,400	
Gypsum Board	50% Water Pen		xtent : Light, Area			5	\$3,400	

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

Asset # : 13268

			ASSel # . IS	200				
Architecture		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
Interior								
Ceilings								
Gypsum Board	15%			LIFE	* *	5-10	\$8,400	
Plaster	80%			LIFE	* *	5-10	\$22,500	
Plaster	5%			LIFE	* *	5-10	\$1,400	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	\$7,200	2064	* *			
		issing Elen 1 : Dumont	ients, Extent : Seve Avenue	re, Area	Affected : 5%			
	Corrosion	/Rusting, E	Extent : Severe, Are	a Affecte	d : 20%			
	Location	e : Various						
	Impact Da	mage, Ext	ent : Severe, Area A	Affected :	5%			
	Location	: Mother	Gaston Boulevard					
Retaining Walls								
Cast in Place Concrete	100%			2049	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%			2034	* *			
Pavers/Stone	10%			2032	* *			
Electrical		Current	Repair	Futur	e Replacement	M	laintenance	1
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2029	\$800	5		
		ervation, H	Extent : Light, Area	Affected				
		a : Electrico	-					
	Explana	tion : No A	vailable Nameplate	e Rating	Capacity			
Molded Case Bkrs	50%			2029	\$800	5	\$200	
		ervation, E	Extent : Light, Area			U	¢=00	
		: Basemer		55				
			Service Disconned	t Rated	At 400 Amperes			
Switchgear / Switchboard	1				I I I I			
Molded Case Bkrs	100%			2029	\$33,500	5	\$400	
Raceway				-			· · ·	
Conduit	80%			2029	\$26,000	1		
Conduit	20%			2049	**	1		
Panelboards				-				
Fused Disc Sw	10%			2045	* *	5		
Molded Case Bkrs	70%			2028	\$10,800	5	\$300	
Molded Case Bkrs	20%			2020	**	5	\$100	
Wiring	-070					-	4100	
Thermoplastic	20%			2049	* *	1		
Thermonlastic	2070			2042	¢22.000	1		

2029

\$23,000

1

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

80%

Thermoplastic

Asset # : 13268

Electrical		Current Repair	Future	Replacement	Μ	aintenance	
System Component Type		Cail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts							
Motor Controllers	1000/		2012	* *	-	#100	
Locally Mounted	100%		2042	* *	5	\$100	
Bround Grounding Devices							
Grounding Devices Generic	Location :	2-4 \$9,900 vation, Extent : Moderate Metal Water Pipe		* * cted : 100%	5	\$200	
ighting	Explanatic	on : Corroded					
Interior Lighting Fluorescent	5%		2034	**	10	\$700	
		And Fixtures, Extent : Lig Mezzanine	nt, Area Affe	ected : 100%			
Fluorescent	90%		2034	* *	10	\$11,800	
	Other Obser Location :	vation, Extent : Light, Ard Throughout The Building m : Compact Fluorescent	ea Affected .		10	\$11,000	
Fluorescent	2%	1	2024	\$3,000	10	\$300	
	T-12 Lamps	And Fixtures, Extent : Lig Mechanical Room			10	4200	
Fluorescent	3% T-9 Lamps A Location :	And Fixtures, Extent : Ligh Basement	2034 ht, Area Affe	* * ected : 100%	10	\$400	
Egress Lighting	Locuiton .	Dasemeni					
Emergency, Battery	50%		2034	* *	10	\$1,700	
Exit, LED	50%		2057	* *	1	\$1,700	
Exterior Lighting							
HID	25%		2029	\$13,900	10		
No Component	75%						
Alarm							
Security System	700/						
No Component	70%		2024	* *	1	¢1 (00	
Generic	Location :	vation, Extent : Light, Ard Reading Areas And Hallv	vays		1	\$1,600	
	Explanatio	on : CCTV Surveillance Co	ameras				
Fire/Smoke Detection Generic, Digital		vation, Extent : Light, Ard Throughout The Building		* *	1-3	\$8,800	
		on : Strobe Lights, Manua		na Alamu Dalla C	unata D	· · · · · · · · · · · · · · · · · · ·	

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

Heating

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

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

Asset # : 13268

Mechanical	Current R	ASSEL#.IJ		Replacement	м	aintenance	
System Component Type	% of Fail Date Total (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	
	Other Observation, Ex Location : Basement	-	Affected .	: 100%			
	Explanation : 1 Unit						
Distribution							
Hot Wtr Piping/Pump	100%		2045	* *	4	\$1,100	
Terminal Devices	10070		2043		-	φ1,100	
Air Handler	60%		2034	* *	1	\$5,300	
Convector/Radiator	40%		2042	* *	1	\$1,800	
Air Conditioning						. ,	
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Reciprocating	75%		2034	* *	1	\$5,000	
Compr/Chiller							
	Other Observation, Ex	0	55	: 100%			
	Location : Second F		Room				
	Explanation : Refrig	erant 410a					
Exterior Pkg Unit -	25%		2034	* *	2	\$200	
Cooling	Other Observation, Ex	rtont · Light Arga	Affected	. 100%			
	Location : Roof	aeni . Ligni, Areu	Ајјестей	. 10070			
	Explanation : Refrig	erant 410a					
Terminal Devices	Explanation . Refrig	erum 410u					
Air Handler/Dir	75%		2037	* *	1		
Expansion	,0,0		2007		-		
No Component	25%						
Heat Rejection							
Air Cooled Condenser	75%		2034	* *	2	\$7,400	
Unit							
No Component	25%						
Ventilation							
Distribution	1000/		LIPP	ىلە يە	2.5	010 (00)	
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$12,600	
Exhaust Fans Interior	100% Now	\$2 500	2037	* *	2	\$200	
Interior	Other Observation, Ex	\$2,500 stant : Light Area			2	\$300	
	Location : Basement	5	Ајјестей	. 10070			
	Explanation : No Ve						
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2049	* *	1		
Water Heater							
Gas Fired	100%		2027	\$8,400	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 Futi	ure Replacement	Μ	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sanitary Piping						
Cast Iron	100% Now	\$2,000 LIFE	* *	1		
	Other Observation, Exter	ıt : Severe, Area Affec	ted : 3%			
	Location : Basement M	ale Restroom				
	Explanation : Water Ba	icks Up From Sewage	Drain			
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	**			
-	Other Observation, Exter	nt : Light, Area Affecte	ed : 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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address	SUNSET PARK BRANCH LIBRARY5108 FOURTH AVE. @51 ST STREET		
Borough	BROOKLYN	Agency's Number	: 55
Program / Asset #	: BPL0S55.000 / 13269	Yr Built/Renovated	: 1972 / 2006
Area Sq Ft	: 7,500	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 27-Feb-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1		
Block	: 798 Lot : 34	BIN	: 3013507

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$83,400
Interior Architecture		\$71,200
Electrical		\$158,200
Mechanical		\$213,500
Total		\$526,300
Importance Code A		\$139,500
Importance Code B		\$386,800
Total		\$526,300

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$28,900		\$600	
Interior Architecture	\$1,500		\$4,000	\$16,300
Electrical	\$700	\$800	\$800	\$5,400
Mechanical	\$3,400	\$1,100	\$6,700	\$1,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$38,600	\$5,900	\$16,100	\$26,700
Total Importance Code A	\$38,600 \$29,300	\$5,900 \$400	\$16,100 \$1,000	\$26,700 \$400
	,	,	,	,
Importance Code A	\$29,300	\$400	\$1,000	\$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 # : 13269

		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	Priorit
terior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	\$7,200	
Glass Block	10%			LIFE	* *	5	\$600	
Glazed Ceramic Panel	30%			LIFE	* *	5	\$13,600	
Masonry: Brick	10%			LIFE	* *	5	\$1,000	
Masonry: Granite	30%			LIFE	* *	5	\$2,200	
Metal Panel	5%			2044	* *	5-10	\$3,300	
Windows								
Aluminum	100%	Now	\$3,900	2040	* *	5	\$200	
	Hardware	Missing, E	Extent : Moderate, A	Area Affe	cted : 50%			
	Location	Location : Throughout						
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 15%			
	Location	: East Side	2					
Parapets								
Metal Panel	5%			2044	* *	5	\$100	
Stucco Cement	95%			2037	* *	5	\$1,300	
Roof								
Roof IRMA/Protected	100%	Now	\$25,000	2024	\$83,400			
			-		-			
IRMA/Protected	Insul Dete	r/Miss, Ext	ent : Moderate, Ar		-			
IRMA/Protected	Insul Dete Location	r/Miss, Ext : Through	ent : Moderate, Ar out	ea Affect	ed : 30%			
IRMA/Protected	Insul Dete Location Water Pen	r/Miss, Ext : Through etration, E	ent : Moderate, Ar out xtent : Moderate, A	ea Affect	ed : 30%			
IRMA/Protected Membrane	Insul Dete Location Water Pen	r/Miss, Ext : Through	ent : Moderate, Ar out xtent : Moderate, A	ea Affect	ed : 30%			
IRMA/Protected Membrane	Insul Dete Location Water Pen	r/Miss, Ext : Through etration, E	ent : Moderate, Ar out xtent : Moderate, A	ea Affect	ed : 30%			
IRMA/Protected Membrane erior Floors	Insul Dete Location Water Pen Location	r/Miss, Ext : Through etration, E	ent : Moderate, Ar out xtent : Moderate, A	ea Affect Area Affe	ed : 30% cted : 10%			
IRMA/Protected Membrane erior Floors Carpet	Insul Dete Location Water Pen Location	r/Miss, Ext : Through etration, E	ent : Moderate, Ar out xtent : Moderate, A	ea Affect Area Affe 2023	ed : 30% cted : 10% \$14,200	3	\$2,200	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete	Insul Dete Location Water Pen Location 10% 5%	r/Miss, Ext : Through etration, E	ent : Moderate, Ar out xtent : Moderate, A	ea Affect Area Affe 2023 LIFE	ed : 30% cted : 10% \$14,200 * *	5	\$1,200	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete Ceramic Tile	Insul Dete Location Water Pen Location 10% 5% 10%	r/Miss, Ext : Through etration, E	ent : Moderate, Ar out xtent : Moderate, A	ea Affect Area Affe 2023 LIFE 2033	ed : 30% cted : 10% \$14,200 ** **	5 5	\$1,200 \$1,100	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile	Insul Dete Location Water Pen Location 10% 5%	r/Miss, Ext : Through etration, E	ent : Moderate, Ar out xtent : Moderate, A	ea Affect Area Affe 2023 LIFE	ed : 30% cted : 10% \$14,200 * *	5	\$1,200	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls	Insul Dete Location Water Pen Location 10% 5% 10% 75%	r/Miss, Ext : Through etration, E	ent : Moderate, Ar out xtent : Moderate, A	ea Affect Area Affe 2023 LIFE 2033 2029	ed : 30% cted : 10% \$14,200 ** ** \$71,200	5 5 3	\$1,200 \$1,100 \$4,000	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit	Insul Dete Location Water Pen Location 10% 5% 10% 75%	r/Miss, Ext : Through etration, E	ent : Moderate, Ar out xtent : Moderate, A	ea Affect Area Affe 2023 LIFE 2033 2029 LIFE	ed : 30% cted : 10% \$14,200 ** ** \$71,200 **	5 5	\$1,200 \$1,100 \$4,000 \$2,700	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit Glass: Single Pane	Insul Dete Location Water Pen Location 10% 5% 10% 75% 77% 3%	r/Miss, Ext : Through etration, E	ent : Moderate, Ar out xtent : Moderate, A	ea Affect Area Affe 2023 LIFE 2033 2029 LIFE LIFE	ed : 30% cted : 10% \$14,200 ** ** \$71,200 ** **	5 5 3 5 5	\$1,200 \$1,100 \$4,000 \$2,700 \$200	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit Glass: Single Pane Gypsum Board	Insul Dete Location Water Pen Location 10% 5% 10% 75% 77% 3% 15%	r/Miss, Ext : Through etration, E	ent : Moderate, Ar out xtent : Moderate, A	ea Affect Area Affe 2023 LIFE 2033 2029 LIFE LIFE LIFE	ed : 30% cted : 10% \$14,200 ** ** \$71,200 ** ** **	5 5 3 5 5 5	\$1,200 \$1,100 \$4,000 \$2,700 \$200 \$800	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit Glass: Single Pane Gypsum Board Wood	Insul Dete Location Water Pen Location 10% 5% 10% 75% 77% 3%	r/Miss, Ext : Through etration, E	ent : Moderate, Ar out xtent : Moderate, A	ea Affect Area Affe 2023 LIFE 2033 2029 LIFE LIFE	ed : 30% cted : 10% \$14,200 ** ** \$71,200 ** **	5 5 3 5 5	\$1,200 \$1,100 \$4,000 \$2,700 \$200	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit Glass: Single Pane Gypsum Board Wood Ceilings	Insul Dete Location Water Pen Location 10% 5% 10% 75% 77% 3% 15% 5%	r/Miss, Ext : Through etration, E	ent : Moderate, Ar out xtent : Moderate, A	ea Affect Area Affe 2023 LIFE 2033 2029 LIFE LIFE LIFE LIFE	ed : 30% cted : 10% \$14,200 ** ** \$71,200 ** ** ** **	5 5 3 5 5 5 5	\$1,200 \$1,100 \$4,000 \$2,700 \$200 \$800 \$1,700	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit Glass: Single Pane Gypsum Board Wood	Insul Dete Location Water Pen Location 10% 5% 10% 75% 77% 3% 15% 5%	r/Miss, Ext : Through etration, E : First Flo	ent : Moderate, Ar out xtent : Moderate, A or	ea Affect Area Affe 2023 LIFE 2033 2029 LIFE LIFE LIFE LIFE 2037	ed : 30% cted : 10% \$14,200 ** ** \$71,200 ** ** ** ** **	5 5 3 5 5 5	\$1,200 \$1,100 \$4,000 \$2,700 \$200 \$800	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit Glass: Single Pane Gypsum Board Wood Ceilings	Insul Dete Location Water Pen Location 10% 5% 10% 75% 77% 3% 15% 5% Water Pen	r/Miss, Ext : Through etration, E : First Fld	ent : Moderate, Ar out xtent : Moderate, A or xtent : Moderate, A	ea Affect Area Affe 2023 LIFE 2033 2029 LIFE LIFE LIFE LIFE 2037	ed : 30% cted : 10% \$14,200 ** ** \$71,200 ** ** ** ** **	5 5 3 5 5 5 5	\$1,200 \$1,100 \$4,000 \$2,700 \$200 \$800 \$1,700	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit Glass: Single Pane Gypsum Board Wood Ceilings	Insul Dete Location Water Pen Location 10% 5% 10% 75% 77% 3% 15% 5% Water Pen	r/Miss, Ext : Through etration, E : First Flo	ent : Moderate, Ar out xtent : Moderate, A or xtent : Moderate, A	ea Affect Area Affe 2023 LIFE 2033 2029 LIFE LIFE LIFE LIFE 2037	ed : 30% cted : 10% \$14,200 ** ** \$71,200 ** ** ** ** **	5 5 3 5 5 5 5	\$1,200 \$1,100 \$4,000 \$2,700 \$200 \$800 \$1,700	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit Glass: Single Pane Gypsum Board Wood Ceilings	Insul Dete Location Water Pen Location 10% 5% 10% 75% 77% 3% 15% 5% Water Pen	r/Miss, Ext : Through etration, E : First Fld	ent : Moderate, Ar out xtent : Moderate, A or xtent : Moderate, A	ea Affect Area Affe 2023 LIFE 2033 2029 LIFE LIFE LIFE LIFE 2037	ed : 30% cted : 10% \$14,200 ** ** \$71,200 ** ** ** ** **	5 5 3 5 5 5 5	\$1,200 \$1,100 \$4,000 \$2,700 \$200 \$800 \$1,700	
IRMA/Protected Membrane erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit Glass: Single Pane Gypsum Board Wood Ceilings AcousTileSusp.Lay-In	Insul Dete Location Water Pen Location 10% 5% 10% 75% 77% 3% 15% 5% 75% Water Pen Location	r/Miss, Ext : Through etration, E : First Fld	ent : Moderate, Ar out xtent : Moderate, A or xtent : Moderate, A	ea Affect Area Affe 2023 LIFE 2033 2029 LIFE LIFE LIFE LIFE 2037 Area Affe	ed : 30% cted : 10% \$14,200 ** ** \$71,200 ** ** ** ** ** ** ** ** **	5 5 5 5 5 5 5	\$1,200 \$1,100 \$4,000 \$2,700 \$200 \$800 \$1,700 \$8,100	

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.

Asset # : 13269

Electrical		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
Inder 600 Volts				-				
Service Equipment								
Fused Disc Sw	100%			2034	* *	5		
			xtent : Moderate, A	Area Affe	ected : 100%			
		ı : Electrica						
	Explana	tion : Main	Service Switch Ra	ted At 40	00 Amperes			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$33,500	5	\$200	
Raceway								
Conduit	10%			2044	* *	1		
Conduit	40%			2034	* *	1		
Conduit	50%			2024	\$16,200	1		
Panelboards						-	* • • •	
Molded Case Bkrs	60%			2032	* *	5	\$100	
Molded Case Bkrs	30%			2023	\$4,600	5	\$100	
Molded Case Bkrs	10%			2040	* *	5		
Wiring								
Thermoplastic	40%			2034	* *	1		
Thermoplastic	10%			2044	* *	1		
Thermoplastic	50%			2024	\$14,400	1		
Motor Controllers	1000/			• • • • •		_	.	
Locally Mounted	100%			2029	\$15,600	5	\$100	
bround								
Grounding Devices	1000/				* *	-	\$100	
Generic	100%			LIFE	* *	5	\$100	
lighting								
Interior Lighting	050/			2024	¢((100	10	¢5 000	
Fluorescent	85%		non Entont Mada	2024	\$66,100	10	\$5,800	
	-			raie, Are	a Affected : 100%			
			out The Building					
Fluorescent	10%			2029	\$7,800	10	\$700	
	-			rate, Are	a Affected : 100%			
	Location	n : Staff Lou	nge					
Fluorescent	5%			2024	\$3,900	10	\$300	
	Other Obs	servation, E	xtent : Moderate, A	Area Affe	ected : 100%			
		ı : Basemen						
	Explana	tion : Comp	act Fluorescent L	ght Fixti	ures			
Egress Lighting								
Emergency, Battery	50%			2024	\$5,200	10	\$900	
Exit, LED	25%			2039	* *	1		
Exit, Service	25%			2024	\$300	1		
Exterior Lighting								
Fluorescent	100%			2024	\$24,900	10	\$700	
			xtent : Light, Area	Affected	! : <i>100%</i>			
		i : Perimete						
	Explana	tion : T-12	Lamps					

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 # : 13269

		A5501#.13	205					
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	
Alarm							•	
Security System								
Generic	100%		2024	\$23,500	1	\$2,800		
		ervation, Extent : Moderate,	Area Affe	ected : 100%				
		: Throughout The Building						
Fire/Smoke Detection	Explanal	ion : CCTV Surveillance Car	neras					
Generic	100%		2024	\$80,400	1-3	\$4,600		
Generie		ervation, Extent : Moderate, .			15	φ-1,000		
		: Throughout The Building	55					
	Explanat	ion : Alarm Bells, Manual Pi	ull Station	n And Strobe Light	S			
Mechanical		Current Repair	Futur	e Replacement	M	aintenance		
System Component	% of	Fail Date Estimated Cost		Estimated Cost	-	Estimated Cost	Priorit	
Туре	Total	(Years)	FY		(Yrs)			
Heating								
Energy Source								
Natural Gas	100%		2034	* *	1			
Conversion Equipment								
Hot Water Boiler	100%		2029	\$56,100	1	\$3,700		
	Other Observation, Extent : Light, Area Affected : 100% Location : Basement Boiler Room							
	Explanal	tion : 1 Unit						
Distribution Hot Wtr Piping/Pump	100%	Now \$200	2032	* *	4	\$400		
flot wit i iping/i unip		oning, Extent : Moderate, Are		d : 5%	4	\$400		
	-	: Thermostats, 1st And 2nd I						
Terminal Devices								
Air Handler	70%		2024	\$71,600	1	\$3,300		
Convector/Radiator	30%		2029	\$11,700	1	\$700		
Air Conditioning								
Energy Source	1000/		0040	ىلە بىلە	1			
Electricity	100%		2040	* *	1			
Conversion Equipment	60%		2024	\$37,000	1	\$2,100		
Reciprocating Compr/Chiller	00%		2024	\$57,000	1	\$2,100		
Compiremner	R-22 Refri	gerant, Extent : Light, Area A	ffected :	60%				
		: Basement						
Exterior Pkg Unit -	40%		2029	\$23,600	2	\$200		
Cooling	1070		_ , _ ,	\$25,000	-	¢200		
0	R-22 Refri	gerant, Extent : Light, Area A	ffected :	40%				
	Location	: Roof						
Terminal Devices								
Air Handler/Dir	60%		2024	\$48,800	1			
Expansion	100 (
No Component	40%							

Note : 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 # : 13269

Mechanical		Current I	Repair	Futur	e Replacement	Μ		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Dry Cooler	60%			2024	\$23,700	2	\$3,100	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	\$1,300	LIFE	* *	2-5	\$4,200	
			ere, Area Affected :	5%				
	Location	: Roof						
Exhaust Fans								
Interior	50%			2024	\$12,900	2	\$100	
Roof	50%			2029	\$6,000	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	\$4,400	2	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2024	\$2,100	4	\$400	
			Extent : Light, Area	Affected	! : 100%			
			nt Ejector Room					
	Explanat	ion : 1 Un	it					
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
			Extent : Light, Area	Affected	! : 100%			
			nt To 1st Floor					
	Explanat	ion : 1 Un	it					
Fire Suppression								
Sprinkler	_							
No Component	75%							
Generic	25%			2044	* *	1-2	\$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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

EYDENSE	EV 2020	EV 2021	EV 2022 EV 2023
Total		\$326,500	\$50,200
Importance Code	В	\$87,900	\$50,200
Importance Code	A	\$238,700	
Total		\$326,500	\$50,200
Mechanical		\$40,400	
Electrical			\$4,000
Interior Architectu	ire	\$47,400	\$46,200
Exterior Architect	ure	\$238,700	
CAPITAL		FY 2020 - 2023	FY 2024 - 2029
Block	: 6897 Lot : 35	BIN	: 3186777
Areas Surveyed	: Basement, Roof, Floors 1		
Date of Survey	: 21-Mar-2013	Landmark Status	: NONE
Area Sq Ft	: 7,666	Project Type	: BROOKLYN PUBLIC LIBRARY
Program / Asset #	: BPL0U71.000 / 13270	Yr Built/Renovated	: 1963 / 2007
Borough	: BROOKLYN	Agency's Number	: 71
Address	: 2602 BATH AVE. @26TH AVENUE		
	: ULMER PARK BRANCH LIBRAR		

Total	\$56,400	\$500	\$9,000	\$1,100
Importance Code C				
Importance Code B	\$17,800	\$100	\$8,600	\$700
Importance Code A	\$38,500	\$400	\$400	\$400
Total	\$56,400	\$500	\$9,000	\$1,100
Mechanical	\$14,600	\$400	\$2,200	\$400
Electrical	\$100	\$100	\$6,800	\$100
Interior Architecture	\$3,500			\$700
Exterior Architecture	\$38,100			
EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023



Note : 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 # : 13270

rchitecture		Current Repair Future Replacement					Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
terior									
Exterior Walls									
Concrete Masonry Unit	5%			LIFE	* *	5	\$300		
Masonry: Brick	Diagonal Location	: West Fa				5	\$7,700		
	Location	: West Fa							
	Location	: At Wind							
	Location	: Boiler R							
Stucco Cement	Cracking/ Location	: South Fo		-	-	5	\$3,400		
		l Cracks, E : South Fo	xtent : Moderate, A acade	Area Affe	cted : 10%				
Windows	1000/			• • • • •		_	**		
Aluminum			\$21,800 Extent : Moderate, out	2049 Area Afj	* * fected : 50%	5	\$300		
	-	Deteriorate : Through	ed, Extent : Moderd out	ite, Area	Affected : 25%				
Parapets									
Cast Stone/Terra Cotta	Cracking/ Location	: Taller P	-			5	\$1,400		
			d, Extent : Modera At Taller Parapet	te, Area I	Affected : 25%				
Concrete Masonry Unit	Jnt Morta		\$1,900 d, Extent : Modera Face Of Taller Par		* * Affected : 25%	5	\$400		
Masonry: Brick	80%			LIFE	* *	5	\$2,900		
Pre-Cast Concrete			\$300 d, Extent : Modera	LIFE	* * Affected : 25%	5	\$1,100		
	-	Deteriorate : Coping	ed, Extent : Moderd	ite, Area	Affected : 25%				

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

Asset # : 13270

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
xterior								
Roof								
Modified Bitumen		Now	\$166,600	2034	* *			
			derate, Area Affect	ed : 10%				
		e e	er First Floor ungs, Extent : Mod		···· A ((-··· A · 200/			
		agea Flash 2 : North Pe	0	eraie, Ar	ea Affectea . 20%			
			xtent : Moderate, A	rea Affec	rtod · 20%			
	-	: Through		геи Ајјес	.ieu . 2070			
		-	t : Moderate, Area	Affected	: 2.5%			
		: Through		-55				
terior								
Floors								
Cast in Place Concrete		Now	\$2,200	LIFE	* *	5	\$900	
	-	Cracking/Crumbling, Extent : Moderate, Area Affected : 15% Location : Boiler Room Stairs						
		Location : Boller Room Stairs Other Observation, Extent : Moderate, Area Affected : 100%						
				Area Affe	ected : 100%			
		: Boiler R		Door Inch	alled Owen Comen	to Floor		
Ceramic Tile			rete Pavers Have 1 \$600	2033	**			
Ceramic The		Now	5000 nents, Extent : Mod			5	\$100	
		: Bathroom		eruie, Ar	eu Ajjecieu . 5070			
Vinyl Tile	88%	. Duni coi		2029	\$46,200	3	\$2,600	
Interior Walls	0070			2029	\$40,200	3	\$2,000	
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	60%			LIFE	* *	5	\$1,400	
Gypsum Board	35%			LIFE	* *	5	\$1,200	
Ceilings							- ,	
AcousTileSusp.Lay-In	95%	Now	\$47,400	2044	* *	5	\$2,800	
	Broken/M	issing Elen	ients, Extent : Mod	erate, Ar	rea Affected : 30%			
	Location	: Through	out					
			, Extent : Moderate	e, Area A	ffected : 25%			
		: Through						
			Extent : Severe, Are	a Affecte	d : 40%			
		: Through						
		ded, Extent : Through	: Moderate, Area . out	Affected	: 50%			
							\$200	

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

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 # : 13270

Electrical	Current Repair	air Future Replacement Maintenance				
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2034	* *	5		
	Other Observation, Extent : M	Ioderate, Area Affeo	cted : 100%			
	Location : Electrical Room					
	Explanation : One 200 Amp	eres Main Disconne	ect Switch			
Switchgear / Switchboard						
Fused Disc Sw	70%	2034	* *	5		
Fused Disc Sw	30%	2050	* *	5		
Raceway						
Conduit	90%	2034	* *	1		
Conduit	10%	2050	* *	1		
Panelboards						
Fused Disc Sw	5%	2032	* *	5		
Molded Case Bkrs	30%	2046	* *	5	\$100	
Molded Case Bkrs	65%	2032	* *	5	\$100	
Wiring						
Thermoplastic	70%	2034	* *	1		
Thermoplastic	30%	2050	* *	1		
Motor Controllers						
Locally Mounted	100%	2029	\$15,600	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	5%	2024	\$4,000	10	\$400	
	Other Observation, Extent : L	ight, Area Affected	: 100%			
	Location : Electrical And Be	oiler Room				
	Explanation : T-12 Lamps					
Fluorescent	95%	2032	* *	10	\$6,700	
	Other Observation, Extent : L	ight, Area Affected	: 100%			
	Location : Throughout The					
	Explanation : T-8 Lamps					
Egress Lighting	. 1					
Emergency, Battery	50%	2024	\$5,400	10	\$900	
Exit, Service	50%	2024	\$600	1		
Exterior Lighting	• • • •	_ • _ ·	+	-		
HID	100%	2024	\$30,000	10		
Alarm		_ • _ ·		-		
Security System						
No Component	70%					
			44. 44.		\$ 000	
1	30%	2034	* *		\$900	
Generic	30%	2034	* *	1	\$900	

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

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 # : 13270

		A35C(#: 10210					
Mechanical System Component Type	Curren	Future Replacement		Maintenance			
	% of Fail Da Total (Years	te Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Electricity	10%		2044	* *	1		
Natural Gas	90%		2044	* *	1		
Conversion Equipment							
Furnace	100%		2032	* *	1	\$3,800	
	Location : Roof	, Extent : Light, Area					
	Explanation : (1)	Gas Fired Packaged	Roof To	p Unit			
Air Conditioning							
Energy Source	1000/		20.40	* *	1		
Electricity	100%		2040		1		
Conversion Equipment	1000/		2022	* *	2	\$500	
Ext Pkg Unit - Heating/Cooling	100%		2032		2	\$500	
Heat Rejection							
Dry Cooler	100%		2020	\$40,400	2	\$5,300	
Dry Cooler		tent : Light, Area Affe			2	\$5,500	
	Location : Roof	eni : Eigni, men njje	<i>cica</i> . 10	070			
Ventilation	Location (Hooj						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,300	
Exhaust Fans	10070		LIIL		20	\$ 1,5 00	
Roof	100% Now	\$6,200	2029	\$12,300	2	\$200	
		xtent : Severe, Area A				+	
	Location : Roof		,0				
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2044	* *	1		
Water Heater							
Electric	100%		2020	\$6,600	4	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2020	\$300	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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name	: WALT WHITMAN BRANCH LIBRARY								
Address	: 93 SAINT	FEDWARDS ST. BETW	EEN MYRTLE AND PA	RK AVES.					
Borough	: BROOKI	LYN	Agency's Number	: 62					
Program / Asset #	# : BPL0W62.000 / 13271		Yr Built/Renovated	÷ 1908 / 1999					
Area Sq Ft: 7,482Date of Survey: 01-Mar-2013			Project Type	: BROOKLYN PUBLIC LIBRARY					
		013	Landmark Status	: NONE					
Areas Surveyed	: Basement	t, Roof, Floors 1,Mez							
Block	: 2039	Lot : 1	BIN	: 3058036					
CAPITAL Exterior Architec	turo		FY 2020 - 2023 \$101,800	FY 2024 - 2029					
Interior Architect			\$101,000	\$55,900					
Electrical				\$157,800					
Mechanical				\$198,700					
Total			\$101,800	\$412,400					
Importance Code	А		\$101,800	\$55,900					
Importance Code	В			\$356,500					
Total			\$101,800	\$412,400					

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$35,400			
Interior Architecture	\$35,200			\$800
Electrical	\$700	\$800	\$16,400	\$12,400
Mechanical	\$6,700	\$1,000	\$2,700	\$1,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$81,900	\$5,800	\$23,000	\$18,100
Importance Code A	\$35,800	\$400	\$400	\$400
Importance Code A Importance Code B	\$35,800 \$36,000	\$400 \$5,400	\$400 \$22,700	\$400 \$17,800
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 # : 13271

rchitecture		Current	Repair	Futur	e Replacement	М	laintenance	
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls	75%	0-2	\$65,000	LIEE	* *	5	\$10.500	
Masonry: Brick			\$65,900 Extent : Moderate	LIFE Area A		5	\$10,500	
		: Through		, 11 cu 1	<i>Jeelea</i> . 2070			
		6	d, Extent : Moderat	e, Area I	Affected : 30%			
	Location	: Through	out					
			oderate, Area Affect	ted : 30%	6			
	Location	: Through	out					
Masonry: Limestone	25%	4+	\$22,100	LIFE	* *	5	\$2,600	
	Staining/Discoloring, Extent : Moderate, Area Affected : 20% Location : Cornice							
W 7' - 1	Location	: Cornice						
Windows Aluminum	100%	4+	\$13,300	2040	* *	5	\$1,500	
Aluminum	Hardware Missing, Extent : Moderate, Area Affected : 10%							
		0	Locations Through					
Roof								
Slate		Now	\$35,900	LIFE	* *			
		issing Elen : Through	nents, Extent : Mod out	erate, Ar	ea Affected : 15%			
erior								
Floors	200/			LIFE	* *	-	¢< 000	
Cast in Place Concrete Ceramic Tile	30%	Now	\$2,100	LIFE 2033	* *	5 5	\$6,900 \$300	
Ceramic The			\$2,100 nents, Extent : Mod			5	\$300	
		: Public R		<i>cruic</i> , 11	earijjeerea : 2070			
Sheet Vinyl/Rubber	5%	Now	\$16,300	2034	* *	5	\$400	
			amage, Extent : Se		ea Affected : 40%	U	4.00	
	Location : Basement							
	Seams Op	en/Split, Ex	ctent : Moderate, A	rea Affec	cted : 25%			
		: Basemer						
		ded, Exteni : Basemer	: Severe, Area Affe nt	ected : 2.	5%			
			Extent : Moderate, A	Area Affe	ected : 100%			
		: Basemer						
N7' 1 TT'1			Is Actually Linoleu		<i><i><i><i></i></i> <i> </i> </i> <i> </i></i>	2	#3 400	
Vinyl Tile		Now Crumbling	\$2,800 Extent : Moderate	2024	\$55,900	3	\$2,400	
	uracking/	crumpung.	Exient : Woaerate	Area A	neciea : 10%			

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 # : 13271

Architecture		Current Repair		Futur	e Replacement	М	aintenance	
System Component Type		ail Date Estin (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Gypsum Board	10%			LIFE	* *	5	\$800	
		-		, Area	Affected : 25%			
		Machine Roon	-					
	-	-	nt : Moderate, .	Area Aj	fected : 25%			
		Machine Roon						
Plaster	90%			LIFE	* *	5	\$3,600	
	-	-	nt : Moderate, .	-	fected : 20%			
	Location :	Around Windo	ws In Basemer	ıt –				
Ceilings	0.50/	4 .	#2 000	0000	#10.000	-	\$1.100	
AcousTileSusp.Lay-In	25%	4+		2029	\$19,000	5	\$1,100	
	-		t : Light, Area	Affected	d : 10%			
	Location :		. Ticht Anos	Affect	1.200/			
	-	coloring, Exter Basement Nea	ıt : Light, Area " Elevator	Ајјеси	ea : 20%			
	-	busement Neu		LIPP	* *	-	¢ 4 2 00	
Plaster	75%			LIFE	* *	5	\$4,200	
Electrical		Current Repair		Futur	e Replacement	М	aintenance	
System	% of F	ail Date Esti	nated Cost	Vear	Estimated Cost	Cycle	Estimated Cost	Priorit
Component		(Years)	nateu Cost	FY	Listimated Cost	(Yrs)	Estimated Cost	1110110
Туре						. ,		
nder 600 Volts								
Samuca Hausmont								
Service Equipment	1000/			2024	¢1.500	~		
Fused Disc Sw	100%			2024	\$1,500	5		
	Other Obser		: Moderate, Ar			5		
	Other Obser Location :	Electrical Roo	: Moderate, Ar m	ea Affe	cted : 100%			
Fused Disc Sw	Other Obser Location :	Electrical Roo	: Moderate, Ar m	ea Affe				
Fused Disc Sw	Other Obser Location : Explanatio	Electrical Roo	: Moderate, Ar m ce Switches Ra	ea Affe	cted : 100% 200 Amperes Each		\$200	
Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs	Other Obser Location :	Electrical Roo	: Moderate, Ar m ce Switches Ra	ea Affe	cted : 100%		\$200	
Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway	Other Obser Location : Explanatio 100%	Electrical Roo	: Moderate, Ar m ce Switches Ra	rea Affe ated At 2 2024	cted : 100% 200 Amperes Each \$33,500	5	\$200	
Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	Other Obser Location : Explanatio	Electrical Roo	: Moderate, Ar m ce Switches Ra	ea Affe	cted : 100% 200 Amperes Each		\$200	
Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards	Other Obser Location : Explanatio 100%	Electrical Roo	: Moderate, Ai m ce Switches Ra	rea Affe ated At 2 2024 2024	cted : 100% 200 Amperes Each \$33,500	5		
Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	Other Obser Location : Explanatio 100% 100%	Electrical Roo	: Moderate, Ai m ce Switches Ra	rea Affe 2024 2024 2032	cted : 100% 200 Amperes Each \$33,500 \$32,500 * *	5 1 5	\$100	
Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Molded Case Bkrs Molded Case Bkrs	Other Obser Location : Explanatio 100%	Electrical Roo	: Moderate, Ai m ce Switches Ra	rea Affe ated At 2 2024 2024	cted : 100% 200 Amperes Each \$33,500 \$32,500	5		
Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Molded Case Bkrs Molded Case Bkrs Wiring	Other Obser Location : Explanatio 100% 100%	Electrical Roo	: Moderate, Ai m ce Switches Ra	rea Affe 2024 2024 2032	cted : 100% 200 Amperes Each \$33,500 \$32,500 * *	5 1 5	\$100	
Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Molded Case Bkrs Molded Case Bkrs	Other Obser Location : Explanatio 100% 100% 25% 75%	Electrical Roo	: Moderate, Ai m ce Switches Ra	rea Affe (ted At 2 2024 2024 2032 2023	cted : 100% 200 Amperes Each \$33,500 \$32,500 * * \$11,600	5 1 5 5	\$100	
Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic	Other Obser Location : Explanatio 100% 100% 25% 75%	Electrical Roo	: Moderate, Ai m ce Switches Ra	rea Affe (ted At 2 2024 2024 2032 2023	cted : 100% 200 Amperes Each \$33,500 \$32,500 * * \$11,600	5 1 5 5	\$100	
Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic Motor Controllers Locally Mounted	Other Obser Location : Explanatio 100% 25% 75% 100%	Electrical Roo	: Moderate, Ai m ce Switches Ra	rea Affe ated At 2 2024 2024 2032 2023 2034	cted : 100% 200 Amperes Each \$33,500 \$32,500 ** \$11,600 **	5 1 5 5 1	\$100 \$100	
Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic Motor Controllers	Other Obser Location : Explanatio 100% 25% 75% 100%	Electrical Roo	: Moderate, Ai m ce Switches Ra	rea Affe ated At 2 2024 2024 2032 2023 2034	cted : 100% 200 Amperes Each \$33,500 \$32,500 ** \$11,600 **	5 1 5 5 1	\$100 \$100	
Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic Motor Controllers Locally Mounted iround	Other Obser Location : Explanatio 100% 25% 75% 100%	Electrical Roo	: Moderate, Ai m ce Switches Ra	rea Affe ated At 2 2024 2024 2032 2023 2034	cted : 100% 200 Amperes Each \$33,500 \$32,500 ** \$11,600 **	5 1 5 5 1	\$100 \$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.

Asset # : 13271

			211				
Electrical		Current Repair	Futur	e Replacement	M	laintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ghting							
Interior Lighting							
Fluorescent	50%		2024	\$38,800	10	\$3,400	
	-	s And Fixtures, Extent : Mode	rate, Are	a Affected : 100%			
		ı : Throughout The Building					
Fluorescent	5%		2024	\$3,900	10	\$300	
		servation, Extent : Moderate, .	Area Affe	ected : 100%			
		ı : Basement					
	Explana	tion : Compact Fluorescent L	ight Fixti	ures			
Fluorescent	45%	1	2024	\$34,900	10	\$3,100	
		ps And Fixtures, Extent : Moa	lerate, Ar	ea Affected : 100%	6		
	Location	1 : Throughout The Building					
Egress Lighting							
Emergency, Battery	50%		2029	\$5,200	10	\$900	
Exit, Service	50%		2029	\$600	1		
Exterior Lighting							
HID	100%		2024	\$29,300	10		
larm							
Security System	1000/		2024	#22 400	1	*2 000	
Generic	100%		2024	\$23,400	1	\$2,800	
		servation, Extent : Moderate, . 1 : Inside Only	Area Ajje	eciea . 100%			
		tion : CCTV Surveillance Syst	tom And	Intrusion Marm Su	stom		
Fire/Smoke Detection	Елрини	uon . CCI v Survenance Syst	ет Апи 1	mirusion Alarm Sy	siem		
Generic	100%		2024	\$80,300	1-3	\$4,600	
Generie		servation, Extent : Moderate,			15	ψ-1,000	
		1 : Throughout The Building					
		tion : Smoke Detectors, Alarn	ı Bells Aı	nd Manual Pull Sta	ation		
lechanical		Current Repair	Futur	e Replacement	M	laintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
eating							
Energy Source							
Natural Gas	100%		2034	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2029	\$55,900	1	\$3,700	
		servation, Extent : Light, Area					
	Location	1 : Basement Boiler Room					
	Explana	tion : 1 Unit					
Distribution							
Hot Wtr Piping/Pump	100%		2032	* *	4	\$600	
Terminal Devices							
Air Handler	20%	1	2024	\$20,400	1	\$900	
	000/		2020	#31 100		¢1 000	

2029

\$31,100

1

\$1,900

Convector/Radiator

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

80%

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 # : 13271

Mechanical	Current Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2032	* *	1		
Conversion Equipment						
Reciprocating	100%	2024	\$61,600	1	\$3,500	
Compr/Chiller						
	R-22 Refrigerant, Extent : Lig Location : Basement	ght, Area Affected :	100%			
Terminal Devices						
Air Handler/Dir	100%	2024	\$81,100	1		
Expansion						
Heat Rejection						
Air Cooled Condenser	100%	2024	\$14,600	2	\$5,200	
Unit						
entilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,200	
Exhaust Fans						
Interior	100%	2024	\$25,800	2	\$200	
lumbing						
H/C Water Piping						
Brass/Copper	100%	2034	* *	1		
Water Heater						
Gas Fired	100%	2020	\$4,400	2	\$100	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : L	ight, Area Affected	: 100%			
	Location : Basement To 1st	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.

Print Date : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address		NGTON IRVI					
Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	igh : BROOKLYN iam / Asset # : BPL0W61.000 / 13272 Sq Ft : 9,285 of Survey : 04-Mar-2013 Surveyed : Basement, Roof, Floors 1,Mez		s 1,Mez	Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: 61 : 1923 / 2012 : BROOKLYN PUBLIC LIBRARY : NONE : 3076852		
	. 5502	Lut	. 52		. 3070032		
CAPITAL				FY 2020 - 2023		FY 2024 - 2029	
Exterior Architec Interior Architect Electrical				\$161,000 \$38,100 \$36,300		\$13,600	
Mechanical				\$50,500		\$425,400	
Total				\$235,400		\$439,000	
Importance Code	А			\$161,000			
Importance Code				\$36,300		\$439,000	
Importance Code	С			\$38,100			
Total				\$235,400		\$439,000	
EXPENSE			FY 2020	FY 2021	FY 2022	FY 2023	
Exterior Architec	ture		\$7,600				
Interior Architect	ure		\$26,500	\$200	\$500	\$1,200	
Electrical			\$25,200	\$800	\$16,400	\$12,600	
Mechanical			\$6,700	\$1,100	\$1,700	\$1,100	
Elevators/Escalate	ors		\$3,900	\$3,900	\$3,900	\$3,900	
Total			\$69,900	\$6,000	\$22,500	\$18,900	
Importance Code	А		\$8,100	\$500	\$500	\$500	
Importance Code	В		\$61,800	\$5,600	\$21,600	\$18,400	
Importance Code					\$500		
Total			\$69,900	\$6,000	\$22,500	\$18,900	



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.

Asset # : 13272

Architecture	Curren	t Repair	Future R	eplacement	Μ	aintenance	
System Component Type	% of Fail Day Total (Years	te Estimated Cost)	Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls							
Masonry: Brick	95% Now	\$110,900	LIFE	* *	5	\$17,700	
		od, Extent : Modera	te, Area Affe	cted : 15%			
	Location : Throug						
		Extent : Moderate, A	Area Affected	d : 15%			
	Location : Mezza						
Masonry: Limestone	5% Now	\$5,900	LIFE	* *	5	\$700	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%						
	Location : Front			1 150/			
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15% Location : Throughout						
		·	A	1.150/			
	Location : West F	Extent : Moderate, A	Area Affected	a : 15%			
Windows	Location . West I	ucuue					
Aluminum	100%		2040	* *	5	\$3,500	
Roof	10070		2010		5	\$5,500	
Slate	100% Now	\$50,100	LIFE	* *			
	Gut/DS Non Func/	Miss, Extent : Moder	ate, Area Af	fected : 50%			
	Location : Over M	<i>Iezzanine</i>					
	Water Penetration,	Extent : Moderate, A	Area Affected	d : 20%			
	Location : Mezza	nine, First Floor					
terior							
Floors							
Cast in Place Concrete	10%		LIFE	* *	5	\$2,200	
Ceramic Tile	5%		2033	* *	5	\$500	
Vinyl Tile	70% Basant Banlass Fui	dant Entant . Light	2032		3	\$3,600	
	Location : First F	dent, Extent : Light,	Агеа Ајјесњ	ea : 100%			
		1007, 2012	2024	¢12 (00	2	ф.coo	
Vinyl Tile	15%		2024	\$13,600	3	\$600	
Interior Walls Ceramic Tile	5%		2027	\$26,200	5	\$900	
Masonry: Brick	5%		LIFE	\$20,200 * *	5	\$900	
Plaster	25% Now	\$38,100	LIFE	* *	5	\$1,400	
1 103001				: 10%	5	φ1,τ00	
	Cracking/Crumbling, Extent : Severe, Area Affected : 10% Location : Children's Area, Mezzanine At Top Of Stairs						
	Water Penetration, Extent : Moderate, Area Affected : 15%						
	Location : Mezzanine At Top Of Stair						
		Extent : Severe, Are	a Affected :	75%			
		en's Area And Mezza					
	Explanation : Unj	finished Construction	ı Work, Curi	rently Covered	With Pla	stic	
Plaster	65%		LIFE	* *	5	\$3,600	

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 # : 13272

Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated Cos FY	t Cycle Estimated Cost (Yrs)	Priorit
iterior				
Ceilings Exposed Concrete Plaster	10% 90% Now \$25,60 Cracking/Crumbling, Extent : Severe Location : Mezzanine Water Penetration, Extent : Severe, A	e, Area Affected : 20%	5 \$200	
	Location : First Floor, Mezzanine			
Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated Cos FY	t Cycle Estimated Cost (Yrs)	Priority
nder 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Moderat Location : Electrical Room		0 5	
Switch goon / Switchhoond	Explanation : One 200 Amperes Mo	ain Disconnect Switch		
Switchgear / Switchboard Molded Case Bkrs	100%	2024 \$33,50	0 5 \$200	
Raceway				
Conduit Conduit	90% 10%	2024 \$29,200 2044 *		
Panelboards	1076	2044	1	
Fused Disc Sw	5%	2023 \$80	0 5	
Molded Case Bkrs	70%	2023 \$10,80		
Molded Case Bkrs	25%	2049 **	* 5 \$100	
Wiring Braided Cloth	50% 2-4 \$14,40 Insulation Aged, Extent : Moderate, A Location : Main Floor And Upper A	Area Affected : 10%	* 1	
Thermoplastic	40%	2024 \$11,50	0 1	
Thermoplastic	10%	2044 *		
Motor Controllers Locally Mounted	100%	2022 \$15,60	0 5 \$100	
round Grounding Devices Generic	100% 2-4 \$9,90 Other Observation, Extent : Moderat Location : Water Main Explanation : Corroded		* 5 \$100	
ighting Interior Lighting Fluorescent	100% Other Observation, Extent : Light, A. Location : Throughout The Buildin Explanation : T-8 Lamps		* 10 \$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

Electrical		Cumant	Asset # : 13		- Doulocomout	м	-:	
		Current I			e Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lighting								
Egress Lighting Emergency, Battery Exit, Service	50% 50%			2029 2029	\$6,500 \$700	10 1	\$1,100	
Exterior Lighting HID	100%			2020	\$36,300	10		
Alarm								
Security System No Component Generic	30% 70%			2032	* *	1	\$2,400	
Fire/Smoke Detection Generic	100%			2032	* *	1-3	\$5,900	
Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								-
Energy Source Natural Gas			Extent : Moderate, A	2044 Area Affe	* * ected : 5%	1		
			ner Oil Tank Still In	Place				
Conversion Equipment								
Hot Water Boiler	Location	servation, E	Extent : Light, Area at Boiler Room it	2037 Affected	* * ! : 100%	1	\$4,600	
Distribution	•							
Hot Wtr Piping/Pump	100%			2040	* *	4	\$700	
Terminal Devices Air Handler Convector/Radiator	70% 30%			2029 2037	\$88,600 * *	1	\$4,000 \$900	
Air Conditioning	5070			2037		1	\$700	
Energy Source Electricity	100%			2040	* *	1		
Conversion Equipment Interior Pkg Unit -	100%			2025	\$336,700	2	\$600	
Cooling	R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : Basement Equipment Room							
	Locatior	n : Basemer	Extent : Light, Area ht Equipment Room		: 100%			
Ventilation	Explana	tion : 3 Uni						
Distribution								
Ductwork/Diffusers	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 Repair	Future	Future Replacement		aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Exhaust Fans						
Interior	100%	2029	\$32,000	2	\$300	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2034	* *	1		
Water Heater						
Gas Fired	100%	2020	\$5,500	2	\$100	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
-	Other Observation, Extent : Ligh	t, Area Affected :	: 100%			
	Location : B, 1, 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.

\$12,100

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Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	 240 DIVIS BROOKL BPL0007.0 22,980 11-Jan-201 	000 / 4201		: 60 : 1905 / 2014 : BROOKLYN PUBL : EXTERIOR LAND! : 3060090	
CAPITAL			FY 2020 - 2023		FY 2024 - 2029
Exterior Architect	ture		\$385,500		\$136,900
Interior Architect	ure		\$106,300		\$70,700
Electrical			\$168,700		\$255,500
Mechanical					\$497,500
Total			\$660,500		\$960,600
Importance Code	A		\$385,500		\$324,000
Importance Code			\$204,400		\$565,900
Importance Code	С		\$70,700		\$70,700
Total			\$660,500		\$960,600
EXPENSE		FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architect	ture	\$49,300			
Interior Architect	ure	\$58,500		\$3,400	\$5,100
Electrical		\$2,900	\$600	\$700	\$800
Mechanical		\$16,700	\$2,800	\$10,800	\$2,200
Site Enclosure		\$3,900			
Site Pavements		\$10,900			
Elevators/Escalate	ors	\$3,900	\$3,900	\$3,900	\$3,900
Total		\$146,200	\$7,300	\$18,900	\$12,100
Importance Code		\$50,400	\$1,100	\$1,100	\$1,100
Importance Code		\$70,500	\$6,200	\$17,700	\$9,400
Importance Code	С	\$25,300			\$1,500



\$7,300

\$18,900

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.*

\$146,200

Total

Asset # : 4201

rchitecture		Current Repair Fut			e Replacement	Maintenance		
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	\$180,500	
Masonry: Limestone	15%			LIFE	* *	5	\$24,500	
Windows								
Wood Parapets Masonry: Brick Masonry: Brick Cavity	Air Infiltra Location Ctrwt/Baln Location Deteriorat Location Thermally Location Split/Crac Location 30% 60%	: Through ac Not Fun : Through ed Finish, : Through Inefficient : Through ked, Exten : Through	Extent : Moderate, yout ; Extent : Moderate yout t : Moderate, Area :	rth Facin tte, Area Area Af , Area A Affected LIFE LIFE	ng Windows Affected : 50% fected : 50% ffected : 100% : 35% ** **	5 5-10 5-10	\$46,600 \$13,600 \$27,100	
Masonry: Limestone			\$2,300 d, Extent : Moderat	LIFE e, Area A	* * Affected : 5%	5	\$800	
Roof	Locuion	. Intough	oui					
Copper/Terne	25%			2057	* *	10	\$14,000	
Modified Bitumen	75%			2034	* *	10	\$16,800	
erior							. ,	
Floors								
Carpet	10%			2028	\$49,500	3	\$5,200	
Ceramic Tile	5%			2038	* *	5	\$1,700	
Vinyl Tile	Cracking/		\$4,300 , Extent : Moderate Around Main Deck		* * ffected : 10%	3	\$8,400	
Wood	Location Misaligned	: Through	Extent : Moderate,			5	\$6,400	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	\$2,900	
Plaster	65%			LIFE	* *	5-10	\$32,600	
Wood	30%			LIFE	* *	5	\$141,400	

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 # : 4201

Architecture	Cur	rent Repair		Futur	e Replacement	ent Maintenance			
System Component Type		Date Estima ears)	ated Cost	Year FY	Estimated Cos	t Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Ceilings									
AcousTileSusp.Lay-In	10%			2042	*	5	\$3,400		
Plaster	70% No		\$35,600	LIFE	*	* 5	\$15,000		
	Cracking/Crum	-		-	-				
		-			torage And Elec	trical Rooi	ns		
	Patching Evide								
	Location : Th	roughout 2nd	Floor, Stai		torage And Elec		ns		
Plaster	20%			LIFE	*	* 5-10	\$11,800		
Site Enclosure									
Fence/Gates									
Iron Picket	100% 0-	_	\$3,300	2049	*	*			
	Corrosion/Rust	0.	Moderate, A	Area Affe	cted : 10%				
	Location : Th	roughout							
Free Standing Walls									
Masonry: Brick	100% No		\$700	2039	*				
	Broken/Missing Elements, Extent : Moderate, Area Affected : 2% Location : Throughout								
		0							
	Jnt Mortar Mis		t : Moderai	e, Area A	Affected : 10%				
	Location : Th	-			1000/				
	Other Observat		Light, Area	Affected	: 100%				
	Location : Th	-							
D (' ' W/ 11	Explanation :	Limestone M	asonry						
Retaining Walls	100%			2049	*	*			
Concrete Masonry Unit Site Pavements	10070			2049		•			
Public Sidewalk									
Cast in Place Concrete	100% 0-	2	\$10,600	2042	*	*			
Cast III I lace Collectere	Cracking/Crum		· · · · ·		ffected · 10%				
	Location : Th	-	. moderate	, 11/0 <i>a</i> 11j	<i>jeelea</i> . 1070				
	Sinking/Subsidi	-	ioht Area	Affected	· 10%				
	Location : Th	-		gjeereu	10/0				
On-Site Walkways		0							
Cast in Place Concrete	50%			2042	*	*			
Pavers/Stone	50% 2-	4	\$300	2042	*	*			
	Jnt Mortar Mis.				ted : 10%				
	Location : Th			5500					

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

Under 600 Volts

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

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

Asset # : 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	Priorit
nder 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2029	\$2,800	5	\$600	
		ervation, Extent : Light, Arec	Affected	1:100%			
		: Electrical Room					
		tion : The Service Equipment ory Condition.	Conwist	Of A 1200 Amps C	. Breake	r. It Is In	
Transformers					_		
Dry Type	100%		2034	* *	5	\$100	
Switchgear / Switchboard	• • • • •		• • • • •		_		
Fused Disc Sw	30%		2049	**	5	* 100	
Molded Case Bkrs	70%		2029	\$25,500	5	\$400	
Raceway	000/		••••	ate ate			
Conduit	90%		2039	* *	1		
Conduit	10%		2049	* *	1		
Panelboards	0.50/		••••	¢ < 2 00	-	*2 00	
Molded Case Bkrs	25%		2028	\$6,300	5	\$200	
Molded Case Bkrs	50%		2045	* *	5	\$300	
Molded Case Bkrs	25%		2037	* *	5	\$200	
Wiring			• • • • •	ate ate			
Thermoplastic	90%		2039	* *	1		
Thermoplastic	10%		2049	* *	1		
Motor Controllers	1000/		2027	¢ 51 100	-	\$2 00	
Locally Mounted	100%		2027	\$51,100	5	\$200	
round							
Grounding Devices	1000/						
Not Accessible	100%						
ighting							
Interior Lighting	250/		2024	* *	10	¢5 200	
Fluorescent	25%	And Finance France Links	2034		10	\$5,300	
	-	s And Fixtures, Extent : Light	Area AJJ	<i>fectea</i> : 100%			
		: Main Area	A.CC ()	1000/			
		ervation, Extent : Light, Area	Affected	: 100%			
		: Throughout					
		tion : T-8 Lamps					
Fluorescent	10%		2024	\$26,000	10	\$2,100	
		ervation, Extent : Light, Arec	Affected	1:100%			
		: Main Floor And Basement					
	Explana Conditic	tion : Compact Fluorescent L n.	ight Fixti	ıres Are Are Old B	ut Are In	ı Satisfactory	
Fluorescent	65%	Now \$168,700	2039	* *			
	Other Obs	ervation, Extent : Light, Area	Affected	! : <i>100%</i>			
	Location	: Offices And General Areas					
	Explana	tion : Fixtures Are Old And L	eteriorat	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.

Asset # : 4201

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
ighting							
Egress Lighting							
Emergency, Battery	50%		2034	* *	10	\$2,800	
		ervation, Extent : Light, Are	a Affected	! : 100%			
		: Throughout Building.					
	Explana Conditio	tion : Relatively Modern Led	Battery F	Pack Fixtures Are I	nstalled.	They Are In Good	
Exit, Service	50%	<i></i>	2029	\$1,900	1		
Exterior Lighting	5070		202)	\$1,700	1		
HID	100%		2029	\$97,900	10	\$100	
larm	10070			\$7,700	10	\$100	
Security System							
No Component	80%						
Generic	20%		2034	* *	1	\$1,700	
	Other Obs	ervation, Extent : Light, Are	a Affected	1 : 100%		-	
	Location	: Hallways					
	Explana	tion : The Security System Co	onsists Of	CCTV Surveillance	e Camer	a System And	
	Intrusion	ı Alarm.					
Fire/Smoke Detection							
No Component	70%						
No Component Generic, Analog	30%		2024	\$80,500	1-3	\$4,400	
-	30% Other Obs	ervation, Extent : Light, Are			1-3	\$4,400	
-	30% Other Obs Location	: Throughout The Building.	a Affected	2 : 100%	_	\$4,400	
-	30% Other Obs Location	_	a Affected	2 : 100%	_	\$4,400	
Generic, Analog	30% Other Obs Location	: Throughout The Building. tion : Fire Alarm Panel Is Ol	a Affected d, But In	! : 100% Satisfactory Condi	tion.		
Generic, Analog	30% Other Obs Location Explana	: 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	Duiouit
Generic, Analog Mechanical System Component	30% Other Obs Location Explana % of	: Throughout The Building. tion : Fire Alarm Panel Is Of Current Repair Fail Date Estimated Cost	a Affected d, But In Futur Year	! : 100% Satisfactory Condi	tion. M Cycle		Priorit
Generic, Analog Mechanical	30% Other Obs Location Explana	: 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 % of	: Throughout The Building. tion : Fire Alarm Panel Is Of 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	30% Other Obs Location Explana % of	: Throughout The Building. tion : Fire Alarm Panel Is Of 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	30% Other Obs Location Explana % of	: Throughout The Building. tion : Fire Alarm Panel Is Of 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	: Throughout The Building. tion : Fire Alarm Panel Is Of Current Repair Fail Date Estimated Cost	a Affected d, But In Futur Year FY	1 : 100% Satisfactory Condit re Replacement Estimated Cost	tion. M Cycle	aintenance	Priorit
Generic, Analog Mechanical System Component Type leating Energy Source Natural Gas	30% Other Obs Location Explana % of Total	: Throughout The Building. tion : Fire Alarm Panel Is Of Current Repair Fail Date Estimated Cost	a Affected d, But In Futur Year FY	1 : 100% Satisfactory Condit re Replacement Estimated Cost	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% 100% Other Obs	: Throughout The Building. tion : Fire Alarm Panel Is Of Current Repair Fail Date Estimated Cost (Years)	a Affected d, But In Futur Year FY 2039 2027	1 : 100% Satisfactory Condi re Replacement Estimated Cost * * \$187,200	tion. M Cycle (Yrs) 1	aintenance Estimated Cost	Priori
Generic, Analog Mechanical System Component Type leating Energy Source Natural Gas Conversion Equipment	30% Other Obs Location Explana % of Total 100% 100% Other Obs	: : Throughout The Building. tion : Fire Alarm Panel Is Of Current Repair Fail Date Estimated Cost (Years)	a Affected d, But In Futur Year FY 2039 2027	1 : 100% Satisfactory Condi re Replacement Estimated Cost * * \$187,200	tion. M Cycle (Yrs) 1	aintenance Estimated Cost	Priori
Generic, Analog Mechanical System Component Type Jeating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	30% Other Obs Location Explanat % of Total 100% 0ther Obs Location	: Throughout The Building. tion : Fire Alarm Panel Is Of Current Repair Fail Date Estimated Cost (Years)	a Affected d, But In Futur Year FY 2039 2027	1 : 100% Satisfactory Condi re Replacement Estimated Cost * * \$187,200	tion. M Cycle (Yrs) 1	aintenance Estimated Cost	Priorit
Generic, Analog Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution	30% Other Obs Location Explanat % of Total 100% 100% Other Obs Location Explanat	e : Throughout The Building. tion : Fire Alarm Panel Is Of Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Boiler Room	a Affected d, But In Futur Year FY 2039 2027 a Affected	1 : 100% Satisfactory Condia re Replacement Estimated Cost * * \$187,200 1 : 100%	tion. M Cycle (Yrs) 1	aintenance Estimated Cost \$11,400	Priorit
Generic, Analog Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	30% Other Obs Location Explanat % of Total 100% 0ther Obs Location	e : Throughout The Building. tion : Fire Alarm Panel Is Of Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Boiler Room	a Affected d, But In Futur Year FY 2039 2027	1 : 100% Satisfactory Condi re Replacement Estimated Cost * * \$187,200	tion. M Cycle (Yrs) 1	aintenance Estimated Cost	Priorit
Generic, Analog Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	30% Other Obs Location Explanat % of Total 100% 100% Other Obs Location Explanat 100%	e : Throughout The Building. tion : Fire Alarm Panel Is Of Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Boiler Room	a Affected d, But In Futur Year FY 2039 2027 a Affected 2037	1 : 100% Satisfactory Condii re Replacement Estimated Cost ** \$187,200 1 : 100% **	tion. Cycle (Yrs) 1 1 4	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 Explanat % of Total 100% 100% Other Obs Location Explanat	e : Throughout The Building. tion : Fire Alarm Panel Is Of Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Boiler Room	a Affected d, But In Futur Year FY 2039 2027 a Affected	1 : 100% Satisfactory Condia re Replacement Estimated Cost * * \$187,200 1 : 100%	tion. Cycle (Yrs) 1 1	aintenance Estimated Cost \$11,400	Priorit
Generic, Analog Mechanical System Component Type Jeating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Convector/Radiator Air Conditioning	30% Other Obs Location Explanat % of Total 100% 100% Other Obs Location Explanat 100%	e : Throughout The Building. tion : Fire Alarm Panel Is Of Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Boiler Room	a Affected d, But In Futur Year FY 2039 2027 a Affected 2037	1 : 100% Satisfactory Condii re Replacement Estimated Cost ** \$187,200 1 : 100% **	tion. Cycle (Yrs) 1 1 4	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 Explanat % of Total 100% 100% Other Obs Location Explanat 100%	e : Throughout The Building. tion : Fire Alarm Panel Is Of Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Boiler Room	a Affected d, But In Futur Year FY 2039 2027 a Affected 2037	1 : 100% Satisfactory Condii re Replacement Estimated Cost ** \$187,200 1 : 100% **	tion. Cycle (Yrs) 1 1 4	aintenance Estimated Cost \$11,400 \$1,700	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 # : 4201

Mechanical	Current R	epair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment Exterior Pkg Unit - Cooling	70%		2029	\$137,600	2	\$1,000	
Cooling	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location : Througho	-					
	Explanation : Refrig	erant - Hcfc-22					
Split Unit	25%		2029	\$129,600			
Window/Wall Unit	5%		2024	\$2,500	1		
Distribution							
Ductwork/Diffusers	95%		LIFE	* *	2	\$35,500	
No Component	5%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$20,300	
Exhaust Fans							
Interior	50%		2029	\$43,200	2	\$400	
Roof	5%		2029	\$2,000	2		
No Component	45%						
Plumbing							
H/C Water Piping	1000/		2020	* *	1		
Brass/Copper	100%		2039		1		
Water Heater Gas Fired	100%		2027	¢14 000	2	\$300	
Gas Fired	Other Observation, Ex	tont · Light Arga		\$14,800	2	\$200	
	Location : Basement	-	Ајјестеи	. 10070			
	Explanation : 40 Ga						
Sanitary Piping	Explanation : 10 Gu	lions					
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070		2112		-		
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2024	\$3,700	4	\$700	
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
	Other Observation, Ex Location : Basement Explanation : One U	To 2nd Floor	Affected	: 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 : 17-Sep-2018 BROOKLYN PUBLIC LIBRARY - FY 2019

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	: 160 E. 5T : BROOKI	H ST. @FO JYN 7.000 / 13273 013		LIBRARY ON PARKWAY Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: 77 : 1969 / 1994 : BROOKLYN PUBLI : NONE : 3124000	IC LIBRARY
CAPITAL				FY 2020 - 2023		FY 2024 - 2029
Exterior Architect Interior Architect Electrical Mechanical				\$41,400 \$76,200 \$102,500		\$349,800 \$83,500 \$66,300 \$76,800
Total				\$220,100		\$576,300
Importance Code Importance Code				\$41,400 \$178,700		\$349,800 \$226,600
Total				\$220,100		\$576,300
EXPENSE			FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architec Interior Architect Electrical Mechanical			\$39,700 \$36,200 \$50,300 \$18,300	\$1,200 \$700 \$500	\$5,400 \$800 \$6,400	\$800 \$500
Total			\$144,500	\$2,400	\$12,500	\$1,300
Importance Code Importance Code Importance Code	В		\$56,800 \$56,600 \$31,100	\$400 \$2,000	\$400 \$12,200	\$400 \$1,000



\$2,400

\$12,500

\$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.

\$144,500

Total

BROOKLYN PUBLIC LIBRARY - 038 WINDSOR TERRACE BRANCH LIBRARY

Asset # : 13273

		Current I	Repair	Futur	e Replacement	M	laintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
erior								
Exterior Walls	50/	0.2	¢4.600	LIPP	* *		¢2,000	
Cast in Place Concrete			\$4,600 xtent : Moderate, A indow Lintels	LIFE Area Affe		5	\$3,900	
Masonry: Brick	Diagonal Location	: Settling	\$41,400 tent : Severe, Area Cracks On South S	ide		* 5	\$13,300	
	Location	: Through				71 1 1171		
	Explana Below	tion : Build	ing Is Above A Sul	oway Eas	ement. Building S	snakes wh	en Trains Pass	
Pre-Cast Concrete	10%			LIFE	* *	• 5	\$5,100	
Windows								
Glass Block	95%			LIFE	* *	5	\$500	
Steel	5%	0-2	\$200	2040	* *	5	\$200	
		etration, E : Back Off	xtent : Moderate, A lice	Area Affe	cted : 15%			
Roof	1000/	ŊŢ	\$25 000	2020	\$2.10 0.00			
Single Ply Membrane	Patching I		\$35,000 tent : Moderate, A		\$349,800 ted : 10%)		
	Water Pen	etration, E	Locations Through xtent : Moderate, A		cted : 10%			
•	Location	: Over Me	chanical Room					
erior	Location	: Over Me	chanical Room					
Floors		: Over Me	chanical Room	LIFE	* *	÷ 5	\$1 200	
Floors Cast in Place Concrete	5%			LIFE	* *	= 5 = 5	\$1,200 \$400	
Floors	5% 5% Uneven St	Now	\$5,100 tent : Moderate, A	LIFE			\$1,200 \$400	
Floors Cast in Place Concrete	5% 5% Uneven Su Location Other Obs Location	Now ubstrate, Ex e : Main En ervation, E e : Main En	\$5,100 ctent : Moderate, A trance Extent : Severe, Are trance	LIFE rea Affec	cted : 15%			
Floors Cast in Place Concrete Terrazzo	5% 5% Uneven St Location Other Obs Location Explana	Now ubstrate, Ex e : Main En ervation, E e : Main En	\$5,100 tent : Moderate, A trance Extent : Severe, Are	LIFE rea Affec ea Affecte	rted : 15% rd : 15%	5	\$400	
Floors Cast in Place Concrete Terrazzo	5% 5% Uneven Su Location Other Obs Location	Now ubstrate, Ex e : Main En ervation, E e : Main En	\$5,100 ctent : Moderate, A trance Extent : Severe, Are trance	LIFE rea Affec	cted : 15%	5		
Floors Cast in Place Concrete Terrazzo	5% 5% Uneven St Location Other Obs Location Explana 90% 40% Diagonal	Now ubstrate, Ex ervation, E : Main En tion : Settle Now Cracks, Ex	\$5,100 stent : Moderate, A trance sxtent : Severe, Are trance ment Crack \$31,100 tent : Severe, Area	LIFE rea Affecte 2024 LIFE Affected	rted : 15% rd : 15% \$83,500 * * : 20%	5 0 3	\$400	
Floors Cast in Place Concrete Terrazzo Vinyl Tile Interior Walls	5% 5% Uneven St Location Other Obs Location Explana 90% 40% Diagonal Location Vertical C	Now ubstrate, Ex : Main En ervation, E : Main En tion : Settle Now Cracks, Ex : Electrica tracks, Exte	\$5,100 tent : Moderate, A trance Sxtent : Severe, Are trance ment Crack \$31,100 tent : Severe, Area al / Storage Room, nt : Severe, Area	LIFE rea Affecte 2024 LIFE Affected Back Off	rted : 15% ed : 15% \$83,500 * * : 20% fice 2%	5 0 3	\$400 \$3,600	
Floors Cast in Place Concrete Terrazzo Vinyl Tile Interior Walls	5% 5% Uneven Su Location Other Obs Location Explana 90% 40% Diagonal Location Vertical C Location Other Obs	Now abstrate, Ex e : Main En ervation, E : Main En tion : Settle Now Cracks, Ext e : Electrica racks, Exte : 1st Floo. ervation, E	\$5,100 Stent : Moderate, A trance Sxtent : Severe, Are trance ment Crack \$31,100 tent : Severe, Area I / Storage Room, nt : Severe, Area Area A tr, Electrical / Stora Stent : Light, Area	LIFE rea Affecte 2024 LIFE Affected Back Off Affected : age Room	eted : 15% ed : 15% \$83,500 * * : 20% fice 2% t, Back Office	5 0 3	\$400 \$3,600	
Floors Cast in Place Concrete Terrazzo Vinyl Tile Interior Walls	5% 5% Uneven St Location Other Obs Location Explana 90% 40% Diagonal Location Vertical C Location Other Obs Location	Now bstrate, Ex e : Main En ervation, E : Main En tion : Settle Now Cracks, Ex e : Electrica racks, Exte : St Floo. revation, E : Through tion : Buila	\$5,100 Stent : Moderate, A trance Sxtent : Severe, Are trance ment Crack \$31,100 tent : Severe, Area I / Storage Room, nt : Severe, Area Area A tr, Electrical / Stora Stent : Light, Area	LIFE rea Affecte a Affecte 2024 LIFE Affected Back Off Affected : age Room Affected	eted : 15% ed : 15% \$83,500 * * : 20% fice 2% n, Back Office !: 30%	5 0 <u>3</u> 5	\$400 \$3,600 \$1,800	
Floors Cast in Place Concrete Terrazzo Vinyl Tile Interior Walls Concrete Masonry Unit Gypsum Board	5% 5% Uneven St Location Other Obs Location Explana 90% 40% Diagonal Location Vertical C Location Other Obs Location Explana	Now bstrate, Ex e : Main En ervation, E : Main En tion : Settle Now Cracks, Ex e : Electrica racks, Exte : St Floo. revation, E : Through tion : Buila	\$5,100 stent : Moderate, A trance fxtent : Severe, Are trance ment Crack \$31,100 tent : Severe, Area I / Storage Room, nt : Severe, Area Severe, Area t, Electrical / Store fxtent : Light, Area out	LIFE rea Affecte a Affecte 2024 LIFE Affected Back Off Affected : age Room Affected	eted : 15% ed : 15% \$83,500 * * : 20% fice 2% n, Back Office !: 30%	5) 3 5 uusing Cra	\$400 \$3,600 \$1,800	
Floors Cast in Place Concrete Terrazzo <u>Vinyl Tile</u> Interior Walls Concrete Masonry Unit	5% 5% Uneven St Location Explana 90% Diagonal Location Vertical C Location Other Obs Location Explana Interior 60%	Now bstrate, Ex e : Main En ervation, E : Main En tion : Settle Now Cracks, Ex e : Electrica racks, Exte : St Floo. revation, E : Through tion : Buila	\$5,100 stent : Moderate, A trance fxtent : Severe, Are trance ment Crack \$31,100 tent : Severe, Area I / Storage Room, nt : Severe, Area Severe, Area t, Electrical / Store fxtent : Light, Area out	LIFE rea Affecte 2024 LIFE Affected Back Off Affected : age Room Affected Mage Room	rted : 15% rd : 15% \$83,500 * * : 20% ice 2% h, Back Office ! : 30% ns Pass Below Ca	 5 3 5 ausing Crassing Crassing 5 	\$400 \$3,600 \$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 I	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%	<i>.</i>		2034	* *	5	\$200		
		ervation, E : Electrica	xtent : Moderate, A	Area Affe	ected : 100%				
			a Koom 350 Amperes Main	Disconn	act Switch				
Switchgear / Switchboard	Елринии	ion . One .	550 Amperes Main	Disconn	eci Swiich				
Molded Case Bkrs	100%			2034	* *	5	\$200		
Raceway						-			
Conduit	90%			2034	* *	1			
Conduit	10%			2024	\$3,200	1			
Panelboards									
Fused Disc Sw	10%			2032	* *	5			
Molded Case Bkrs	90%			2032	* *	5	\$200		
Wiring	=00/	. .	#2 0,100	2040					
Braided Cloth	70%	2-4	\$20,100	2049	* *	1			
		Agea, Exte : Through	nt : Moderate, Are	а Ајјесте	2a : 100%				
		. Intougn	541	2024	* *	1			
Thermoplastic	30%			2034		1			
Motor Controllers Locally Mounted	100%			2029	\$15,600	5			
Ground	10070			2029	\$15,000	5			
Grounding Devices									
Generic	100%			LIFE	* *	5	\$100		
Lighting									
Interior Lighting									
Fluorescent	90%			2024	\$66,300	10	\$5,900		
			xtent : Light, Area	Affected	! : 100%				
		-	out The Building						
	-	ion : T-12	Lamps						
Incandescent	10%			2020	\$7,400	2			
Egress Lighting	500/			2024	#5 000	10	#000		
Emergency, Battery	50%			2024	\$5,000	10	\$900		
Exit, Service	50%			2024	\$500	1			
Exterior Lighting HID	70%			2024	\$19,400	10			
Incandescent	30%			2024	\$19,400	2			
Alarm	5070			2027	φ/,100	2			
Security System									
Generic	100%	Now	\$22,200	2034	* *	1	\$2,400		
			xtent : Severe, Are		d : 100%		•) • •		
		: Through							
Fire/Smoke Detection									
Generic	100%			2020	\$76,200	1-3	\$4,500		

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 WINDSOR TERRACE BRANCH LIBRARY

Asset # : 13273

Mechanical	Current Rep	Current Repair Future Replacement				
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2034	* *	1		
Conversion Equipment		* ****		_	** • • • •	
Furnace	100% Now	\$800 2020	\$16,200	1	\$3,200	
	Not in Service, Extent : S Location : The Unit Fo		570			
	Other Observation, Exter		· 100%			
	Location : 1st Floor Eq		. 10070			
	Explanation : 4 Units	I I I I I I I I I I I I I I I I I I I				
Air Conditioning	1					
Energy Source						
Electricity	100%	2032	* *	1		
Conversion Equipment				-		
Int Pkg Unit -	70%	2022	\$102,500	2	\$300	
Heating/Cooling	R-22 Refrigerant, Extent	· Light Area Affected ·	70%			
	Location : Equipment K		/0/0			
Designs seting	<u>30%</u>	2024	\$17.500	1	\$1,000	
Reciprocating Compr/Chiller	3070	2024	\$17,500	1	\$1,000	
complicement	R-22 Refrigerant, Extent Location : Roof	: Light, Area Affected :	30%			
Terminal Devices						
Fan Coil - 2 Pipe	30%	2024	\$39,300	1	\$700	
No Component	70%					
Heat Rejection						
Dry Cooler	100%	2024	\$37,500	2	\$4,900	
Ventilation						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,000	
Exhaust Fans	10070	LIFE		2-3	\$4,000	
Interior	80%	2024	\$19,600	2	\$200	
Roof	20%	2024	\$2,300	2	¢200	
Plumbing			÷)- > •			
H/C Water Piping						
Brass/Copper	100%	2034	* *	1		
Water Heater						
Gas Fired	100%	2022	\$4,200	2	\$100	
Sanitary Piping	1000/		باد باد	1		
Cast Iron	100%	LIFE	* *	I		
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		
Fixtures	10070	LIFE		1		

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