#### Print Date: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$136,000	
Interior Architecture		\$140,800
Electrical		\$571,600
Mechanical		\$209,100
Total	\$136,000	\$921,500
Importance Code A	\$136,000	
Importance Code B		\$921,500
Total	\$136,000	\$921,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$5,900		\$5,200	
Interior Architecture	\$31,500			\$2,100
Electrical	\$400	\$200	\$2,500	\$200
Mechanical	\$2,500	\$2,000	\$6,000	\$2,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$44,300	\$6,100	\$17,600	\$8,600
Importance Code A	\$6,700	\$800	\$6,100	\$800
Importance Code B	\$20,700	\$5,300	\$11,600	\$7,800
Importance Code C	\$16,900			
Total	\$44,300	\$6,100	\$17,600	\$8,600



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 # : 13233

chitecture	Current Repair Future Replacement				Maintenance			
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Exterior Walls								
Masonry: Brick	90%	Now	\$136,000	LIFE	* *	5	\$22,700	
			: Moderate, Area	Affected .	: 10%			
		: East Fac						
			l, Extent : Moderat	e, Area A	Affected : 25%			
		: Through			. 1 200/			
	0		Extent : Moderate, .	Area Affe	ected : 20%			
		: Rear Fa		A. (C)	. 1 50/			
			xtent : Moderate, A By Elevator	Area Affe	cted : 5%			
Masonry: Limostono	10%	. 11011/04	By Elevalor	LIFE	* *	5	\$1,900	
Masonry: Limestone Windows	10%			LIFE		5	\$1,900	
Aluminum	95%			2032	* *	5	\$5,000	
Wood	5%			2032	* *	5	\$2,700	
Parapets	0.70			2002			\$ <b>_</b> ,, 88	
Metal Cornice	100%			2039	* *	10		
Roof								
Asphalt Shingle	70%			2027	* *	10	\$2,000	
Modified Bitumen	30%			2029	* *	10	\$5,200	
	Patching I	Evident, Ex	tent : Light, Area A	ffected :	10%			
	Location	: Through	out					
erior								
Floors	2004				ala ala	-	<b>407</b> 00	
Cast in Place Concrete	20%			LIFE	* *	5	\$9,700	
Ceramic Tile	5% 75%	Marri	¢14 100	2027		5	\$1,100	
Vinyl Tile	75% Cracking/	Now	\$14,100 Extent : Moderate	2024	\$140,800	3	\$6,300	
		: Through		, лгеи Ај	<i>Jecieu</i> . 2070			
		-	Moderate, Area Aj	fected ·	10%			
		: Through		jeereu	1070			
Interior Walls		0						
Ceramic Tile	5%			2027	* *	5	\$1,300	
Plaster	80%	Now	\$16,200	LIFE	* *	5	\$6,100	
	Cracking/	Crumbling,	Extent : Moderate	, Area Aj	fected : 20%			
	Location	: Hallway	By Elevator, Meet	ing Roon	ı			
	Water Pen	etration, E	xtent : Moderate, A	rea Affe	cted : 15%			
	Location	: Hallway	By Elevator					
Wood	15%			LIFE	* *	5	\$15,300	
Ceilings								
Gypsum Board	10%			LIFE	* *	5	\$2,800	
Plaster	87%			LIFE	* *	5	\$12,100	
	3%			LIFE	* *	5	\$5,800	
Wood	570			LIIL		5	40,000	

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

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

Electrical	Current Repair Future Replacement			Μ			
ystem Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Service Equipment							
Fused Disc Sw	50%		2034	* *	5		
	Other Observa	tion, Extent : Moderate,	Area Affe	ected : 100%			
	Location : El	ectrical Room					
	Explanation .	One 200 Amps Main Di	sconnect	Switch			
Fused Disc Sw	50%		2034	* *	5		
	Other Observa	tion, Extent : Moderate,	Area Affe	ected : 100%			
	Location : El	ectrical Room					
	Explanation .	One 400 Amps Main Di	sconnect	Switch			
Switchgear / Switchboard	•	*					
Molded Case Bkrs	100%		2034	* *	5	\$400	
Raceway							
Conduit	100%		2034	* *	1		
Panelboards							
Fused Disc Sw	5%		2032	* *	5		
Molded Case Bkrs	95%		2032	* *	5	\$400	
Wiring	2570		2052		5	\$100	
Thermoplastic	100%		2034	* *	1		
Motor Controllers	10070		2034		1		
Locally Mounted	100%		2029	* *	5	\$100	
Ground	10070		2027		5	φ100	
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
Lighting	10070				5	\$200	
Interior Lighting							
Fluorescent	95%		2024	\$510,300	10	\$14,300	
Thorescent		xtent : Moderate, Area A			10	\$14,500	
	-	roughout The Building	jjeeneu .	10070			
		Toughour The Dunuing	2022	* *	10	¢000	
Fluorescent	5%		2032		10	\$800	
	-	ent : Moderate, Area Aff		00%			
	Location : Co	omputer Room & Workin	g Area				
Egress Lighting	<b>F</b> 004		0000		10	<b>**</b> • • • •	
Emergency, Battery	50%		2029	* *	10	\$2,000	
Exit, Service	50%		2029	* *	1		
Exterior Lighting							
HID	100%		2024	\$61,300	10	\$100	
Alarm							
Security System							
No Component	70%						
Generic	30%		2029	* *	1	\$1,800	
Maabaniaal		rrent Deneir	Forter	o Donlogeneut			
Mechanical		rrent Repair		e Replacement		aintenance	
System Component		Date Estimated Cost	Year FY	Estimated Cost		Estimated Cost	Priority
Туре	Total (Y	ears)	ГХ		(Yrs)		1

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 # : 13233

Mechanical	Current Repair Future Replacement				М		
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source	1000						
Natural Gas	100%		2044	* *	1		
Conversion Equipment Hot Water Boiler	1000/		2020	* *	1	¢0.100	
Hot water Boller	100% Other Observo	tion, Extent : Light, Area	2029 Affected		1	\$8,100	
	Location : Be	-	пуресней	. 10070			
	Explanation						
Distribution	1						
Hot Wtr Piping/Pump	100%		2032	* *	4	\$800	
Terminal Devices							
Convector/Radiator	100%		2029	* *	1	\$5,300	
Air Conditioning							
Energy Source	1000/		20.40	* *	4		
Electricity	100%		2040	* *	1		
Conversion Equipment Int Pkg Unit - Cooling	100%		2022	\$209,100	2	\$1,000	
int r kg Unit - Cooning		unt, Extent : Light, Area A			2	\$1,000	
		Units In A C Room	,jjeered i	10070			
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$9,100	
Exhaust Fans							
Interior	100%		2024	\$17,900	2	\$500	
Plumbing							
H/C Water Piping Brass/Copper	100%		2034	* *	1		
Water Heater	100%		2034		1		
Electric	100%		2019	\$2,500	4	\$100	
Sanitary Piping	10070		-017	¢ <b>_</b> ,000	· · ·	<b></b>	
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Rigid Piping	100%		2029	* *	4	\$2,500	
Fixtures	1000						
Generic	100%						
Vertical Transport Elevators							
Hydraulic	100%		LIFE	* *			
Tryutaulle		tion, Extent : Light, Area					
	Location : B,	-	-,,, - 0, 000				
	Explanation						

Fire Suppression

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

#### Asset # : 13233

Mechanical	Current Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						-
Chemical System						
No Component	90%					
Generic	10%	2022	\$2,600	1-3	\$5,100	
	Other Observation, Extent : Light, Area	a Affected	1:100%			
	Location : Throughout					
	Explanation : Fire Extinguishers					

 

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

### Print Date: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$75,100	
Electrical	\$16,200	\$61,800
Total	\$91,400	\$61,800
Importance Code B	\$91,400	\$61,800
Total	\$91,400	\$61,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$73,400		\$10,700	\$6,500
Interior Architecture	\$1,300	\$700	\$600	\$2,400
Electrical	\$3,300	\$1,500	\$19,100	\$2,100
Mechanical	\$4,400	\$1,900	\$17,500	\$2,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$86,300	\$8,000	\$51,700	\$16,900
Importance Code A	\$74,200	\$800	\$11,700	\$7,400
Importance Code B	\$12,100	\$6,500	\$40,000	\$9,600
Importance Code C		\$700		
Total	\$86,300	\$8,000	\$51,700	\$16,900



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 # : 13234

Architecture	Current Repair Future Replacement			Maintenance				
ystem Component Type	% of Total		Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls						_		
Glazed Ceramic Panel	5%		¢ < <b>5</b> 00	LIFE	* *	5	\$5,100	
Masonry: Brick			\$6,500 l, Extent : Moderat And Bulkheads	LIFE e, Area A	* * Affected : 25%	5	\$2,200	
Masonry: Brick	60%			LIFE	* *	5	\$13,000	
Masonry: Limestone			\$11,700 d, Extent : Moderat nns	LIFE e, Area A	* * Affected : 20%	5	\$800	
Metal Panel	5%			2044	* *	5-10	\$7,400	
Window Wall	15%			2044	* *	5	\$12,200	
Windows							,	
Aluminum	90%			2040	* *	5	\$7,200	
Aluminum	10%			2032	* *	5	\$800	
Parapets Masonry: Brick		Now r Miss/Erod a : Interior	\$27,400 d, Extent : Moderat Face	LIFE e, Area A	* * Affected : 20%	5	\$2,400	
	Location	n : Interior						
Masonry: Limestone			\$1,800 d, Extent : Moderat	LIFE e, Area A	* * Affected : 25%	5	\$200	
Metal Panel	5%			2044	* *	5	\$700	
Metal Rail	20%			2037	* *	5-10	\$12,400	
Roof	2070			2007		0 10	<i><i><i>q</i>12,100</i></i>	
Copper/Terne	5%			2039	* *	10	\$2,200	
Modified Bitumen	Location Seams Op	1 : Over Sec en/Split, Ex	tent : Moderate, A					
		n : Over Sec	cond Floor					
Skylight, Metal/Glass	2%			2034	* *	10	\$1,200	
Skylight, Metal/Glass	5%			2050	* *	10	\$3,000	
erior Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$4,900	
Terrazzo	5%			LIFE	* *	5	\$900	
Vinyl Tile	45%			2029	* *	3	\$5,000	
Vinyl Tile	40% Adhesion	0-2 Failure, Ex 1 : Second I	\$75,100 tent : Moderate, Ai Floor	2034	* * ted : 50%	3	\$3,300	
		its, Extent : 1 : Second I	Moderate, Area A <u>f</u> Floor	fected : .	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 # : 13234

Architecture		Current I	Repair	Futur	e Replacement	Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
iterior								
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$1,300	
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,100	
Gypsum Board	60%			LIFE	* *	5	\$9,500	
Masonry: Brick	10%			LIFE	* *			
Plaster	5%			LIFE	* *	5	\$400	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2041	* *	5	\$4,500	
AcousTileSusp.Lay-In	5%			2029	* *	5	\$1,100	
Exposed Concrete	10%			LIFE	* *	5	\$300	
Gypsum Board	60%			LIFE	* *	5	\$16,700	
Plaster	5%			LIFE	* *	5	\$700	
lectrical		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
nder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2044	* *	5	\$400	
	Other Ob							
	Other Ob.	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
		servation, E 1 : Electrica		Area Affe	ected : 100%			
	Location	ı : Electrica						
Switchgear / Switchboard	Location	ı : Electrica	al Room					
Switchgear / Switchboard Molded Case Bkrs	Location	ı : Electrica	al Room			5	\$400	
	Location Explana	ı : Electrica	al Room	t Rated	@ 800 Amperes	5	\$400	
Molded Case Bkrs	Location Explana	ı : Electrica	al Room	t Rated	@ 800 Amperes	5	\$400	
Molded Case Bkrs Raceway	Location Explana 100%	ı : Electrica	al Room	t Rated ( 2044	@ 800 Amperes * *		\$400	
Molded Case Bkrs Raceway Conduit	Location Explana 100%	ı : Electrica	al Room	t Rated ( 2044	@ 800 Amperes * *		\$400	
Molded Case Bkrs Raceway Conduit Panelboards	Location Explana 100% 100%	ı : Electrica	al Room	<u>t Rated</u> 2044 2044	@ 800 Amperes	1	\$400	
Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring	Location Explana 100% 100% 10% 90%	ı : Electrica	ıl Room Service Disconnec	<u>t Rated</u> 2044 2044 2040 2040	@ 800 Amperes	1		
Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Location Explana 100% 100% 10% 90%	n : Electrica tion : Main 	ul Room Service Disconnec	t Rated 0 2044 2044 2040 2040 2040 2049	@ 800 Amperes	1		
Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring	Location Explana 100% 100% 10% 90% 5% Insulation	n : Electricc tion : Main 2-4 : Aged, Exte	ul Room Service Disconnec \$1,400 ent : Moderate, Are	t Rated 0 2044 2044 2040 2040 2040 2049	@ 800 Amperes	1 5 5		
Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring	Location Explana 100% 100% 10% 90% 5% Insulation	n : Electrica tion : Main 	ul Room Service Disconnec \$1,400 ent : Moderate, Are	t Rated 0 2044 2044 2040 2040 2040 2049	@ 800 Amperes	1 5 5		
Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring	Location Explana 100% 100% 10% 90% 5% Insulation	n : Electricc tion : Main 2-4 : Aged, Exte	ul Room Service Disconnec \$1,400 ent : Moderate, Are	t Rated 0 2044 2044 2040 2040 2040 2049	@ 800 Amperes	1 5 5		
Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth	Location Explana 100% 100% 10% 90% 5% Insulation Location	n : Electricc tion : Main 2-4 : Aged, Exte	ul Room Service Disconnec \$1,400 ent : Moderate, Are	t Rated ( 2044 2044 2040 2040 2040 2049 a Affecte	@ 800 Amperes ** ** ** ** ** ** **	1 5 5 1		
Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth Thermoplastic Motor Controllers	Location Explana 100% 100% 10% 90% 5% Insulation Location	n : Electricc tion : Main 2-4 : Aged, Exte	ul Room Service Disconnec \$1,400 ent : Moderate, Are	t Rated ( 2044 2044 2040 2040 2040 2049 a Affecte	@ 800 Amperes ** ** ** ** ** ** **	1 5 5 1		
Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth Thermoplastic	Location Explana 100% 100% 10% 90% 5% Insulation Location 95%	n : Electricc tion : Main 2-4 : Aged, Exte	ul Room Service Disconnec \$1,400 ent : Moderate, Are	t Rated 0 2044 2044 2040 2040 2049 a Affecte 2044	@ 800 Amperes	1 5 5 1 1	\$400	
Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth Thermoplastic Motor Controllers Locally Mounted Locally Mounted	Location Explana 100% 100% 10% 90% 5% Insulation Location 95%	n : Electricc tion : Main 2-4 : Aged, Exte	ul Room Service Disconnec \$1,400 ent : Moderate, Are	t Rated ( 2044 2044 2040 2040 2049 a Affecte 2044 2037	@ 800 Amperes ** ** ** ** ** ** ** ** ** ** ** ** **	1 5 5 1 1 5	\$400	
Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth Thermoplastic Motor Controllers Locally Mounted	Location Explana 100% 100% 10% 90% 5% Insulation Location 95%	n : Electricc tion : Main 2-4 : Aged, Exte	ul Room Service Disconnec \$1,400 ent : Moderate, Are	t Rated ( 2044 2044 2040 2040 2049 a Affecte 2044 2037	@ 800 Amperes ** ** ** ** ** ** ** ** ** ** ** ** **	1 5 5 1 1 5	\$400	

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

#### Asset # : 13234

	ASSEL #	+. 13234				
Electrical	Current Repair Future Replacement Maintenance					
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ighting						
Interior Lighting						
Fluorescent	62%	2029	* *	10	\$9,400	
	T-8 Lamps, Extent : Moderate, A		0%			
	Location : Throughout The Bui	lding				
Fluorescent	25%	2029	* *	10	\$3,800	
	T-5 Lamps, Extent : Moderate, A	rea Affected : 100	0%			
	Location : Reading Areas					
Fluorescent	10%	2029	* *	10	\$1,500	
	Other Observation, Extent : Mod	erate, Area Affect	ted : 100%			
	Location : 2nd Floor					
	Explanation : Compact Fluores	-				
Fluorescent	3%	2019	\$16,200	10	\$500	
	T-12 Lamps, Extent : Moderate, A	Area Affected : 10	00%			
	Location : Basement					
Egress Lighting						
Emergency, Battery	50%	2029	* *	10	\$2,000	
Exit, LED	10%	2052	* *	1		
Exit, Service	40%	2029	* *	1		
Exterior Lighting	1000/	2024	¢<1.000	10	¢100	
HID	100%	2024	\$61,800	10	\$100	
Alarm						
Security System Generic	100%	2029	* *	1	\$6,200	
Generie	Other Observation, Extent : Mod			1	ψ0,200	
	Location : Inside And Outside 7	00	icu : 10070			
	Explanation : C C T V Surveill	-				
Fire/Smoke Detection						
Generic	100%	2029	* *	1-3	\$10,500	
	Other Observation, Extent : Mod		ted : 100%		+ - 0,2 0 0	
	Location : Throughout The Buil	lding				
	Explanation : Strobe Lights, Ma	-	ı, Alarm Bells, Ar	id Smoke	e Detectors	
	1 0					
Mechanical	Current Repair	Future	Replacement	Μ	aintenance	
System	% of Fail Date Estimated	Cost Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Component	Total (Years)	FY		(Yrs)		
Туре				-		
Heating						
Energy Source	100%	2044	* *	1		
Natural Gas	100%	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.

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

#### Asset # : 13234

		ASSEL # . 13						
Mechanical	Current Repair Future Replace				cement Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Ieating								
<b>Conversion Equipment</b>								
Furnace	70%		2029	* *	1	\$5,700		
	Other Observation, E Location : Roof Explanation : 3 Pag	_	Affected	: 70%				
Hot Water Boiler	30%	_	2037	* *	1	\$2,500		
	Other Observation, E Location : Basemen Explanation : 1 Uni	nt Boiler Room		: 30%		,-,		
Distribution								
Hot Wtr Piping/Pump	30%		2040	* *	4	\$200		
No Component	70%							
Terminal Devices								
Air Handler	70%		2029	* *	1	\$7,100		
Convector/Radiator	30%		2037	* *	1	\$1,600		
Air Conditioning								
Energy Source								
Electricity	100%		2040	* *	1			
Conversion Equipment Reciprocating	10%		2029	* *	1	\$800		
Compr/Chiller	R-22 Refrigerant, Ex Location : Roof	tent : Light, Area A	ffected :	10%				
Ext Pkg Unit - Heating/Cooling	90%		2029	* *	2	\$900		
6 6	R-22 Refrigerant, Ex Location : Roof	tent : Light, Area A	ffected :	90%				
	Other Observation, E Location : Roof	_	Affected	: 90%				
	Explanation : 3 Pac	ckage Units						
Terminal Devices								
Fan Coil - Cooling	10%		2029	* *	1	\$500		
No Component	90%							
Heat Rejection								
Air Condenser Unit	100%		2029	* *	2	\$11,500		
entilation								
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$9,200		
Exhaust Fans								
Interior	20%		2029	* *	2	\$100		
Roof	80%		2029	* *	2	\$400		
lumbing								
H/C Water Piping								
Brass/Copper	100%		2044	* *	1			
Water Heater	1000/			<b>**</b> • •	-	* = ~ -		
Gas Fired	100%		2022	\$3,800	2	\$200		

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

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

Asset # : 13234

Mechanical	Current Repair	Future F	Replacement	Maintenance			
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Plumbing							
Sanitary Piping							
Cast Iron	100%	LIFE	* *	1			
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1			
Sewage Ejector(s)							
Electric	100%	2019	\$11,000	4	\$1,600		
	Obsolete Equipment, Extent :	Moderate, Area Affec	ted : 100%				
	Location : Old Type Unit, B	asement Custodian Ro	oom				
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%	LIFE	* *				
	Other Observation, Extent : L	ight, Area Affected : 1	00%				
	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.

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

### Print Date: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$166,300	\$38,300
Mechanical		\$65,800
Total	\$166,300	\$104,100
Importance Code A	\$166,300	\$38,300
Importance Code B		\$65,800
Total	\$166,300	\$104,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$80,800		\$700	\$1,500
Interior Architecture	\$47,500	\$1,600		\$71,300
Electrical	\$7,300	\$1,400	\$1,400	\$2,200
Mechanical	\$18,300	\$2,400	\$14,300	\$2,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$157,800	\$9,300	\$20,400	\$81,300
Importance Code A	\$81.600	\$900	\$1.600	\$2.600
Importance Code B	\$59,500	\$7,400	\$18,800	\$78,700
Importance CodeBImportance CodeC		\$7,400 \$1,000		\$78,700



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 # : 13235

			ASSet # : 13					
chitecture	Current Repair Future Replacement					М		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
erior								
Exterior Walls Cast Stone/Terra Cotta	12%			LIFE	* *	5	\$30,700	
Cast Stone/Terra Cotta	3%	Now	\$27,500	LIFE	* *	5	\$7,700	
Cust Stone, Fond Cotta			Extent : Moderate		ffected : 20%	5	\$7,700	
	Location	: Chimney	,					
	-		derate, Area Affect	ed : 10%	ó			
		: Chimney			A (C · 1 250/			
		r Miss/Eroo : Chimney	d, Extent : Modera	te, Area I	Affected : 25%			
Masonry: Brick	85%	Now	\$166,300	LIFE	* *	5	\$27,800	
Musonry. Drick			Extent : Moderate		ffected : 25%	5	<i>\$21,000</i>	
	Location	: Through	out					
			d, Extent : Modera	te, Area I	Affected : 15%			
		a : Through		200/				
		extent : Lig : Through	ht, Area Affected : out	20%				
Windows								
Aluminum	85%			2040	* *	5	\$3,000	
Steel	15%	Now	\$26,900	2049	**	5	\$3,300	
	-	ition, Exter 1 : Basemer	ıt : Moderate, Arec 1t	i Affected	1:50%			
			: ked, Extent : Mode	erate, Are	ea Affected : 5%			
		a : Staff Ro		,	55			
	Thermally	Inefficient	, Extent : Moderate	e, Area A	ffected : 50%			
		: Basemer			750/			
		erable, Exte 1 : Basemer	ent : Severe, Area A at	Affected :	/5%			
Parapets								
Cast Stone/Terra Cotta	10%	Now	\$4,600	LIFE	* *	5	\$2,800	
			d, Extent : Modera	te, Area I	Affected : 25%			
		1 : Coping Deteriorate	ed, Extent : Moderd	nto Aroa	Affacted · 25%			
	-	: Coping	a, Exieni . Moderi	ие, лгеи	Affecteu : 2570			
Masonry: Brick	80%	Now	\$16,800	LIFE	* *	5	\$2,900	
j.			d, Extent : Modera		Affected : 15%		, ,	
		-	out Interior Face					
			Extent : Moderate, 1	Area Affe	cted : 20%			
Matal Danal		a : Over Cl	ussroom 2	2044	* *	5	¢1 400	
Metal Panel Roof	10%			2044		5	\$1,400	
Asphalt Shingle	25%			2027	* *	10	\$700	
Single Ply Membrane	75%	Now	\$4,200	2029	* *			
			tent : Moderate, A	rea Affec	ted : 30%			
		t : Through Petration F	out, 2012 Extent : Moderate, A	Area Affa	cted · 5%			
		erranon, E 1 : Over 2n		пси пјје	cicu . J/0			

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

Architecture	Current Repair Future Replacement				Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nterior								
Floors								
Carpet	23%			2020	\$66,800	3	\$10,600	
Cast in Place Concrete	5%			LIFE	* *	5	\$2,500	
Ceramic Tile	5%			2033	* *	5	\$1,100	
Marble Panels	2%			LIFE	* *	5	\$300	
Vinyl Tile	65%	0-2	\$12,600	2029	* *	3	\$5,600	
	Cracking/	Crumbling,	Extent : Light, Are	ea Affecte	ed : 15%			
	Location	ı : First Flo	or					
	Loose Un	ts, Extent :	Moderate, Area Af	fected : .	30%			
	Location	ı : First Flo	or And Mezzanine					
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$2,100	
Concrete Masonry Unit	2%	Now	\$900	LIFE	* *	5	\$300	
5	Broken/M	issing Elem	ents, Extent : Seve	re, Area	Affected : 25%			
	Location	ı : Mechani	cal Room Near Au	ditorium				
Gypsum Board	40%			LIFE	* *	5	\$10,000	
Masonry: Brick	-0%			LIFE	* *	5	\$10,000	
Wasoni y. Difek	- / -	etration F	xtent : Moderate, A		cted · 10%			
			ion Wall At Boiler					
					* *	_	¢ < 000	
Plaster	48%		\$15,900	LIFE		5	\$6,000	
			xtent : Severe, Area	a Affecte	d : 10%			
	Location	i : Lunch R	oom					
Ceilings	<b>.</b>			2025		_	<b>.</b>	
AcousTileSusp.Lay-In	5%			2037	* *	5	\$1,100	
Gypsum Board	45%		<b>*</b> • • •	LIFE	* *	5	\$12,900	
Plaster	50%		\$14,900	LIFE	* *	5	\$7,200	
			xtent : Moderate, A	Area Affe	cted : 5%			
		a : Classroo						
			xtent : Moderate, A					
	Location	ı : Mezzanii	ne, 2nd Floor Class	sroom 2	And 4			

Electrical	Current Repair		e Replacement	Maintenance		
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2050	* *	5	\$500	
	Other Observation, Exten	t : Moderate, Area Affe	cted : 100%			
	Location : Basement					
	Explanation : One 600 A	mps Main Disconnect	Switch			
Switchgear / Switchboard	-	-				
Molded Case Bkrs	100%	2050	* *	5	\$500	
Raceway						
Conduit	70%	2050	* *	1		
Conduit	30%	2024	\$9,300	1		

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

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

Asset # : 13235

Electrical		Current F	Repair	Futur	e Replacement	Μ	aintenance		
System Component Type	% of Total		Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts									
Panelboards									
Fused Disc Sw	5%			2046	* *	5			
Molded Case Bkrs	85%			2046	* *	5	\$400		
Molded Case Bkrs	10%			2032	* *	5			
Wiring									
Braided Cloth	20%	2-4	\$5,500	2049	* *	1			
		0	nt : Moderate, Are	a Affecte	rd : 100%				
		: Inrougne	out The Building	2050	* *				
Thermoplastic	80%			2050	* *	1			
Motor Controllers	1000/			20.41	* *	~	¢100		
Locally Mounted	100%			2041	* *	5	\$100		
Ground									
Grounding Devices Generic	100%			LIFE	* *	5	\$300		
Lighting	10070			LIL		5	φ300		
Interior Lighting									
Fluorescent	95%			2032	* *	10	\$15,000		
1 Idoroscont		ervation. E	xtent : Moderate, A		cted : 100%	10	\$15,000		
			out The Building						
		ion : T-8 L	-						
Fluorescent	.5%		•	2032	* *	10	\$800		
1 1001050010	<b>e</b> / •	Extent : N	Aoderate, Area Affe		00%	10	4000		
	-		out The Building						
Egress Lighting									
Emergency, Battery	50%			2032	* *	10	\$2,100		
Exit, LED	50%			2059	* *	1			
Exterior Lighting									
HID	100%			2032	* *	10	\$100		
Alarm									
Security System									
No Component	30%								
Generic	70%			2032	* *	1	\$4,500		
Fire/Smoke Detection									
Generic	100%			2032	* *	1-3	\$10,900		
Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance		
System	0/ af 1							Drignit	
Component	% of 1 Total	(Years)	Estimated Cost	Year FY	Estimated Cost	(Yrs)	Estimated Cost	Priority	
Туре	10141	(1 cars)		1,1		(115)			
Heating									
Energy Source									
Natural Gas	100%			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.

#### Asset # : 13235

Mechanical	Current Repair Future Replacement					Μ		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating								
Conversion Equipment Hot Water Boiler	Location Other Obs Location	: Control	Extent : Light, Area nt			1	\$7,700	
Distribution Hot Wtr Piping/Pump		2-4 Extent : So : Through	\$4,300 evere, Area Affecter out	2040 d : 5%	* *	4	\$800	
Terminal Devices		0						
Air Handler	30%			2029	* *	1	\$3,200	
Fan Coil Unit/Heat	70%			2029	* *	1	\$3,900	
ir Conditioning Energy Source Electricity	100%			2040	* *	1		
Conversion Equipment Int Pkg Unit - Cooling	-	igerant, Ex 1 : A C Roo	tent : Light, Area A m	2025 ffected :	\$65,800 100%	2	\$300	
Ext Pkg Unit - Cooling	70% R-22 Refri Location		tent : Light, Area A	2029 ffected :	* *	2	\$700	
Terminal Devices Fan Coil - Cooling No Component	10% 90%			2029	* *	1	\$600	
Heat Rejection Air Condenser Unit No Component	10% 90%			2029	* *	2	\$1,200	
entilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,600	
Exhaust Fans Interior	90%			2029	* *	2	\$500	
Roof	90% 10%			2029	* *	2	\$100	
lumbing H/C Water Piping	2070			_0_/		-		
Brass/Copper	100%			2044	* *	1		
Water Heater Gas Fired	100%			2019	\$4,000	2	\$300	
Sanitary Piping Cast Iron	Location	t : Franklin tion : Main	\$3,700 Extent : Moderate, A Avenue Backs Up From St			1 oiler Roo	om And	

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 F	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2017	\$6,600	4	\$2,500	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Light,		100%			
	Location : Makes 6 Stops For 3	Levels - B, 1, 2				
	Explanation : One Unit					
Fire Suppression						
Chemical System						
No Component	80%					
Generic	20%	2019	\$5,200	1-3	\$10,100	
	Other Observation, Extent : Light,	Area Affected : 1	100%			
	Location : Throughout					
	Explanation : Fire Extinguisher.	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.

#### Print Date : 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$154,600	\$80,300
Interior Architecture		\$164,200
Electrical	\$128,500	\$322,100
Mechanical	\$96,700	
Total	\$379,800	\$566,600
Importance Code A	\$154,600	\$80,300
Importance Code B	\$225,200	\$486,300
Total	\$379,800	\$566,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$49,500			
Interior Architecture	\$15,900	\$4,200		\$500
Electrical	\$8,800	\$2,300	\$20,200	\$1,800
Mechanical	\$2,200	\$1,800	\$28,800	\$2,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$80,400	\$12,300	\$52,900	\$8,600
Importance Code A	\$50,400	\$1,000	\$1,000	\$1,000
Importance Code B	\$21,500	\$10,300	\$51,900	\$7,600
Importance Code C	\$8,400	\$1,100		
Total	\$80,400	\$12,300	\$52,900	\$8,600



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 # : 13236

		A3301 # 1 10						
Architecture	Current Repair Future Replacement Maintenance					aintenance		
System Component	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Туре								
Exterior Exterior Walls								
Masonry: Brick	92% Now	\$154,600	LIFE	* *	5	\$25,900		
Wasoniy. Dick		Extent : Moderate, Ar		ted : 10%	5	ψ23,900		
	Location : Throu	0						
	Location : North			-				
	Vertical Cracks, E Location : South	xtent : Moderate, Are Facade	a Affecte	d : 10%				
Masonry: Granite	3%		LIFE	* *	5	\$600		
Masonry: Limestone	3%		LIFE	* *	5	\$600		
Stucco Cement	2%		2037	* *	5	\$1,400		
Windows								
Aluminum	95% Now Water Penetration Location : North	\$14,900 , Extent : Moderate, A Side	2040 Area Affe	* * cted : 20%	5	\$1,800		
Steel	5%		2032	* *	5	\$2,400		
Parapets								
Masonry: Brick	95% Now	\$32,700	LIFE	* *	5	\$2,900		
	Location : South							
		Moderate, Area Affect	ted : 20%	0				
	Location : Interi		Amon Affa	at a d + 100/				
		, Extent : Moderate, A 2 Second Floor Windo		cieu . 10%				
		second Floor Winde		* *	~	<b>\$200</b>		
Masonry: Limestone	5%		LIFE	-11-	5	\$200		
Roof Built-Up (BUR)	95%		2024	\$80,300	10	\$17,700		
Skylight, Metal/Glass	93% 5%		2024	\$00,500 * *	10	\$3,100		
nterior	570		2044		10	φ5,100		
Floors								
Cast in Place Concrete	5%		LIFE	* *	5	\$3,000		
Ceramic Tile	5%		2033	* *	5	\$1,400		
Terrazzo	5%		LIFE	* *	5	\$1,100		
Vinyl Tile	70%		2024	\$164,200	3	\$7,300		
Vinyl Tile	15%		2029	**	3	\$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 # : 13236

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$2,100	
Concrete Masonry Unit	5%			LIFE	* *	5	\$800	
Gypsum Board	55%			LIFE	* *	5	\$14,000	
Masonry: Brick	5% 25%	Nam	¢9,400	LIFE	* *	F	\$2.200	
Plaster	-	Now Crumbling, 1 : Staff Stat	\$8,400 Extent : Moderate ir	LIFE , Area Aj		5	\$3,200	
		netration, E n : Staff Stat	xtent : Severe, Arec ir	a Affected	d : 25%			
Wood	5%			LIFE	* *	5	\$8,500	
Ceilings								
AcousTileSusp.Lay-In	10%			2037	* *	5	\$2,800	
Exposed Concrete	10%			LIFE	* *	5	\$400	
Gypsum Board	65%		<b>* =</b>	LIFE	* *	5	\$23,100	
Plaster		Now Crumbling, 1 : Staff Stat	\$5,600 Extent : Moderate ir	LIFE , Area Aj	* * ffected : 10%	5	\$2,700	
lectrical	Location	a : Staff Stat		Futur	e Replacement	M	aintenance	
ystem Component	% of Total		Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Туре		(						
nder 600 Volts Service Equipment Fused Disc Sw								
	Location	n : Electrica				5	\$100	
Switchgear / Switchboard	Other Obs Location	n : Electrica		rea Affe	ected : 100%	5	\$100	
Switchgear / Switchboard Molded Case Bkrs	Other Obs Location	n : Electrica	ıl Room	rea Affe	ected : 100%	5	\$100 \$500	
Molded Case Bkrs Raceway	Other Obs Location Explana	n : Electrica	ıl Room	Area Affe	ected : 100% 00 Amperes			
Molded Case Bkrs Raceway Conduit	Other Obs Location Explana 100% 20%	n : Electrica	ıl Room	Area Affe 2024 2024	ected : 100% 00 Amperes \$32,000 \$6,200			
Molded Case Bkrs Raceway Conduit Conduit	Other Obs Location Explana 100%	n : Electrica	ıl Room	Area Affe ed @ 40 2024	octed : 100% 00 Amperes \$32,000	5		
Molded Case Bkrs Raceway Conduit Conduit Panelboards	Other Obs Location Explana 100% 20% 80%	n : Electrica	ıl Room	Area Affe 2024 2024 2024 2034	ected : 100% 00 Amperes \$32,000 \$6,200 * *	5 1 1		
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw	Other Obs Location Explana 100% 20% 80%	n : Electrica	ıl Room	2024 2024 2034 2032	ected : 100% 00 Amperes \$32,000 \$6,200 **	5 1 1 5	\$500	
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Other Obs Location Explana 100% 20% 80% 5% 50%	n : Electrica	ıl Room	2024 2024 2034 2032 2032	ected : 100% 00 Amperes \$32,000 \$6,200 ** ** **	5 1 1 5 5	\$500 \$300	
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	Other Obs Location Explana 100% 20% 80%	n : Electrica	ıl Room	2024 2024 2034 2032	ected : 100% 00 Amperes \$32,000 \$6,200 **	5 1 1 5	\$500	
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Other Obs Location Explana 100% 20% 80% 50% 55% 50% 45% Insulation	1 : Electrica tion : Main 2-4 Aged, Exte	Il Room Service Switch Rat \$6,900 ent : Moderate, Are	2024 2024 2024 2034 2032 2032 2032 2023 2049	ected : 100% 00 Amperes \$32,000 \$6,200 ** ** ** \$6,700 **	5 1 1 5 5	\$500 \$300	
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Braided Cloth	Other Obs Location Explana 100% 20% 80% 50% 55% 50% 45% Insulation Location	1 : Electrica tion : Main	Il Room Service Switch Rat \$6,900 ent : Moderate, Are	2024 2024 2024 2034 2032 2032 2032 2023 2049 a Affecte	ected : 100% 00 Amperes \$32,000 \$6,200 ** ** ** \$6,700 ** ed : 100%	5 1 1 5 5 5 1	\$500 \$300	
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Braided Cloth Thermoplastic	Other Obs Location Explana 100% 20% 80% 50% 55% 50% 45% Insulation	1 : Electrica tion : Main 2-4 Aged, Exte	Il Room Service Switch Rat \$6,900 ent : Moderate, Are	2024 2024 2024 2034 2032 2032 2032 2023 2049	ected : 100% 00 Amperes \$32,000 \$6,200 ** ** ** \$6,700 **	5 1 1 5 5 5 5	\$500 \$300	
Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Braided Cloth	Other Obs Location Explana 100% 20% 80% 50% 55% 50% 45% Insulation Location	1 : Electrica tion : Main 2-4 Aged, Exte	Il Room Service Switch Rat \$6,900 ent : Moderate, Are	2024 2024 2024 2034 2032 2032 2032 2023 2049 a Affecte	ected : 100% 00 Amperes \$32,000 \$6,200 ** ** ** \$6,700 ** ed : 100%	5 1 1 5 5 5 1	\$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 # : 13236

	A	sset # : 13236					
Electrical	Current Repair Future Replacement				Maintenance		
ystem Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
round							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$300		
ighting Interior Lighting							
Interior Lighting Fluorescent	20%	2019	\$128,500	10	\$3,600		
	T-12 Lamps, Extent : Mo Location : Basement			10	42,000		
Fluorescent	75%	2029	* *	10	\$13,500		
	T-8 Lamps, Extent : Moo Location : Throughout		100%				
Fluorescent	5%	2029	* *	10	\$900		
	Other Observation, Exte Location : Stairway						
	Explanation : Compac	t Fluorescent Light Fix	tures				
Egress Lighting Emergency, Battery	50%	2024	\$13,100	10	\$2,400		
Exit, Service	50%	2024		10	\$2,400		
Exterior Lighting	5070	2024	\$1,400	1			
Fluorescent	100% Other Observation, Exte Location : Front Only		fected : 100%	10	\$1,800		
	Explanation : Compac	t Fluorescent Light Fix	tures				
larm Security System Generic	100% Other Observation, Exte Location : Throughout	The Building	fected : 100%	1	\$7,300		
Fire/Smoke Detection	Explanation : Intrusion	i Alarm Only, Motion S	ensors				
Generic	100% Other Observation, Exte Location : Throughout Explanation : Strobe L		ected : 100%	1-3	\$12,100		
Mechanical	Current Rep	air Futu	re Replacement	М	aintenance		
System			Estimated Cost		Estimated Cost	Priorit	
Component Type	Total (Years)	FY	Estimated Cost	(Yrs)	Estimated Cost	THOM	
eating							
Energy Source Natural Gas	100%	2044	* *	1			
Conversion Equipment	_ ~ / *			-			
Hot Water Boiler	100% Other Observation, Exte Location : Basement B			1	\$9,700		
	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 # : 13236

Mechanical	Current Repair Future Replace			e Replacement	acement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ieating								
Distribution								
Hot Wtr Piping/Pump	100%			2032	* *	4	\$1,000	
Terminal Devices								
Air Handler	20%		\$400	2019	\$20,900	1	\$2,200	
			: Severe, Area Affe	cted : 5%	•			
			eaks To Staircase					
Convector/Radiator	80%			2029	* *	1	\$5,100	
Air Conditioning								
Energy Source	100-							
Electricity	100%			2040	* *	1		
Conversion Equipment	<b>9</b> 50/			2010	<b>40 5 7 0 0</b>		<b>\$200</b>	
Int Pkg Unit -	25%			2018	\$96,700	2	\$300	
Heating/Cooling	D 11 Dafe	iaanant Ex	tont . Light Anga A	facted .	50/			
		igerani, Ex 1 : Basemer	tent : Light, Area A	jjeciea : 2	2.5%			
					* *			
Ext Pkg Unit - Cooling	75%			2029		2	\$900	
	K-22 Kejr Location	-	tent : Light, Area A	<i><i><i>Пестеа</i> : 7</i></i>	/3%0			
Ventilation	Locuitor	i . Kooj						
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,900	
Exhaust Fans	10070			LIIL		23	\$10,900	
Interior	20%			2019	\$4,300	2	\$100	
Roof	80%			2029	* *	2	\$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	\$4,500	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
			Extent : Light, Area	Affected :	: 100%			
		ı : B, 1, 2						
	Explana	tion : 1 Un	it					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$87,600	\$138,100
Electrical		\$561,300
Mechanical		\$285,600
Total	\$87,600	\$985,000
Importance Code B	\$87,600	\$985,000
Total	\$87,600	\$985,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$63,000			
Interior Architecture	\$35,600			\$2,000
Electrical	\$1,000	\$1,000	\$2,400	\$800
Mechanical	\$10,100	\$1,500	\$2,300	\$1,600
Total	\$109,700	\$2,600	\$4,700	\$4,400
Importance Code A	\$63,600	\$600	\$600	\$600
Importance Code B	\$46,100	\$2,000	\$4,000	\$3,800
Importance Code C				
Total	\$109,700	\$2,600	\$4,700	\$4,400



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

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

#### Asset # : 13237

Architecture		Current Repair Future Replacement			Μ	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Concrete Masonry Unit	95%			LIFE	* *	5	\$12,800		
		urfaces, Ex 1 : Through	tent : Moderate, Ar out	ea Affeci	ted : 100%				
Glass Block	5%			LIFE	* *	5	\$700		
Windows									
Aluminum	100%	Now	\$15,200	2040	* *	5	\$900		
			xtent : Moderate, A	rea Affe	cted : 30%				
	Locatior	i : Along Bi	righton Beach Ave						
Parapets									
Cast Stone/Terra Cotta	10%		\$14,300	LIFE	* *	5	\$2,900		
	-		Extent : Moderate, A	Area Affe	ected : 20%				
		ı : Through							
			Extent : Moderate, A	Area Affe	cted : 30%				
		ı : Through							
	Explana	tion : Missi	ng Flashing						
Concrete Masonry Unit	90%			LIFE	* *	5	\$3,900		
Roof									
Single Ply Membrane	98%	Now	\$33,400	2029	* *				
	Water Per	etration, E	xtent : Moderate, A	rea Affe	cted : 20%				
	Locatior	ı : Through	out						
Skylight, Metal/Glass	2%			2044	* *	10	\$2,300		
nterior									
Floors									
Cast in Place Concrete	5%			LIFE	* *	5	\$2,000		
Quarry Tile	5%			2037	* *	5	\$1,400		
Vinyl Tile	90%	0-2	\$27,600	2024	\$138,100	3	\$6,100		
-	Adhesion	Failure, Ex	tent : Moderate, Ar	rea Affec	ted : 35%				
	Location	ı : Through	out						
	Loose/Del	lam Surface	e, Extent : Moderat	e, Area A	ffected : 50%				
	Location	1 : Through	out						
Interior Walls									
Concrete Masonry Unit	10%			LIFE	* *	5	\$600		
Glass: Single Pane	5%			LIFE	* *	5	\$500		
Glazed Ceramic Panel	5%			LIFE	* *				
Gypsum Board	80%			LIFE	* *	5	\$6.600		

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

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

#### Asset # : 13237

			ASSEL # . 13						
Architecture	C	urrent F	Repair	Futur	e Replacement Maintenance				
System Component Type		il Date (ears)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nterior									
Ceilings		Ŧ	<b>07</b> (00	2011	ala ala	-	<b><i><b><i>t</i></b> t t t t t t t t t t</i> <b><i>t t t t</i> <b><i>t t t</i> <b><i>t t t</i> <b><i>t t</i> <b><i>t</i> <b><i>t t</i> <b><i>t t</i> <b><i>t t</i> <b><i>t</i> </b><i>t</i> <b><i>t t</i> <b><i>t t</i> </b><i>t</i> <b><i>t t</i> <b><i>t t</i> <b><i>t t</i> </b><i>t</i> <b><i>t t</i> <b><i>t t t</i> </b><i>t</i> <b><i>t t</i> <b><i>t t</i></b> </b><i>t</i> <b><i>t t</i> </b><i>t</i> <b><i>t t t t</i> </b><i>t</i> <b><i>t t t</i></b> </b><i>t</i> <b><i>t t</i></b> </b><i>t</i> <b><i>t t t</i></b> </b><i>t</i> <b><i>t t t</i></b> </b><i>t</i> <b><i>t t</i></b> </b><i>t</i> <b><i>t t t</i></b> </b><i>t</i> <b><i>t t t</i></b> </b><i>t</i> <b><i>t t</i></b> </b><i>t</i> <b><i>t t t</i></b> </b><i>t</i> <b><i>t t</i></b> </b><i>t</i> <b><i>t t</i></b> </b><i>t</i> <b><i>t t</i></b> </b><i>t</i> <b><i>t t t</i></b> </b><i>t</i> <b><i>t t</i></b> </b><i>t</i> <b><i>t t</i></b> </b><i>t </i></b><i>t</i> <b><i>t t</i></b> </b><i>t </i></b><i>t </i>t <i>t</i> t <i>t</i> t <i>t</i></b> </b><i>t </i>t <i>t</i></b> </b><i>t </i>t <i>t</i> t t <i>t</i></b> </b> <i>t <b>t <i>t</i> t t t t t <i>t</i> t t t t t t t t t </b></i>		
AcousTileSusp.Lay-In	Broken/Missin Location : T Cracking/Cru Location : T	hrought mbling, hrought ation, E:	Extent : Moderate out xtent : Moderate, A	, Area Aj	fected : 15%	5	\$5,500		
Gypsum Board	40% N	Now ation, E	\$7,300 xtent : Light, Area	LIFE Affected	* *	5	\$9,100		
Electrical	С	urrent F	lepair	Futur	e Replacement	M	aintenance		
System			Estimated Cost		Estimated Cost		Estimated Cost	Priorit	
Component Type		(ears)	Estimated Cost	FY	Listiniated Cost	(Yrs)	Listillated Cost	1110110	
Inder 600 Volts Service Equipment Fused Disc Sw	Location : E	Electrica				5	\$100		
0	Explanation	: One 4	00 Amps Main Dis	sconnect	Switch				
Switchgear / Switchboard Fused Disc Sw	100%			2034	* *	5	\$100		
Raceway									
Conduit	100%			2034	* *	1			
Panelboards									
Fused Disc Sw	5%			2032	* *	5			
Molded Case Bkrs	95%			2032	* *	5	\$300		
Wiring Thermoplastic	100%			2034	* *	1			
Motor Controllers									
Locally Mounted	100%			2029	* *	5	\$100		
Ground Grounding Devices	1000								
Not Accessible	100%								
ighting Interior Lighting									
Interior Lighting	98%			2024	\$390,900	10	\$10,000		
Fluorescent	Other Observ	hrough	xtent : Moderate, A out The Building Lamps			10	\$10,900		
Incandescent	2%			2024	\$8,000	2			
Egress Lighting					, - 0 0				
Emergency, Battery	50%			2029	* *	10	\$1,500		
Exit, Service	50%								

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

Asset # : 13237

			Asset # : 13	231				
Electrical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Lighting								
Exterior Lighting								
HID	100%			2024	\$45,500	10		
Alarm								
Security System No Component	70%							
Generic	30%			2032	* *	1	\$1,400	
Fire/Smoke Detection							. ,	
Generic	100%			2024	\$124,900	1-3	\$7,500	
Maahaniaal		<b>•</b>		- 1				
Mechanical		Current	Repair		e Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment	1000/			2020	ste ste	1	ф <i>с</i> 000	
Hot Water Boiler	100% Other Obs		Extent : Light, Area	2029	* *	1	\$6,000	
			sieni : Ligni, Area se Mechanical Roo	00	: 100%			
			as Fired Modular I		er Boilers			
Distribution	1							
Hot Wtr Piping/Pump	100%	0-2	\$6,100	2032	* *	4	\$600	
			oderate, Area Affe		%			
	Location	ı : Penthou	se Mechanical Roo	т				
Terminal Devices	<b>=</b> 004			<b>2</b> 024	<b>.</b>		<b>* = 2</b> 00	
Air Handler	70%		¢2 900	2024 2029	\$45,500 * *	1	\$5,300	
Convector/Radiator	25% Malfuncti		\$2,800 nt : Severe, Area A			1	\$900	
	-	-	out, Defective Hot	-		ndler Te	mperature	
	Control						<i></i>	
Unit Heater-Stm/HW	5%			2024	\$3,900	4	\$100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment	1000/			2022	¢040.100	2	<b>\$700</b>	
Int Pkg Unit - Heating/Cooling	100%			2022	\$240,100	2	\$700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,800	
Exhaust Fans								
Interior	90%			2024	\$12,000	2	\$300	
Roof	10%			2024	\$1,000	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		

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

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

#### Asset # : 13237

lechanical	Current Repair	Future R	eplacement	M	aintenance	
vstem Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing						
Water Heater						
Gas Fired	100%	2023	\$2,800	2	\$200	
	Recent Installation, Extent : Lig	ht, Area Affected : 10	00%			
	Location : Penthouse Mechani	ical Room				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
Generic	100%	2024	\$1,200	1	\$700	
Fixtures						
Generic	100%					

 

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

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

#### **BROOKLYN PUBLIC LIBRARY - FY 2016** Print Date: 23-Oct-2015

Asset Name	: BROOKLYN CENTRAL LIBRARY	
Address	: 1 GRAND ARMY PLAZA @ FLATBU	SH AVE. & EASTERN PKWY.
Borough	: BROOKLYN	Agency's Number : N/A
Program / Asset #	: BPL0001.000 / 2136	Yr Built/Renovated : 1940 / 2009
Area Sq Ft	: 350,000	Project Type : BROOKLYN PUBLIC LIBRARY
Date of Survey	: 25-Jul-2012	Landmark Status : EXTERIOR LANDMARK
Areas Surveyed	: Basement, Sub Basement, Roof, Floors	1,2,3,5
Block	: 1183 Lot : 2	BIN : 3029665

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$1,509,400	\$1,124,700
Interior Architecture	\$693,900	\$523,800
Electrical	\$1,095,400	\$10,200,900
Mechanical	\$1,585,700	\$2,973,300
Total	\$4,884,300	\$14,822,700
Importance Code A	\$1,509,400	\$1,124,700
Importance Code B	\$3,329,200	\$13,592,200
Importance Code C	\$45,700	\$105,800
Total	\$4,884,300	\$14,822,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		\$15,000	\$2,000	\$1,000
Interior Architecture	\$27,200		\$59,000	\$20,500
Electrical	\$8,900	\$21,600	\$17,100	\$8,100
Mechanical	\$155,800	\$91,800	\$195,300	\$91,800
Elevators/Escalators	\$41,300	\$41,300	\$41,300	\$41,300
Total	\$233,200	\$169,700	\$314,600	\$162,700
Importance Code A	\$32,900	\$47,900	\$39,500	\$33,900
Importance Code B	\$180,500	\$121,800	\$275,100	\$128,800
Importance Code C	\$19,800			
Total	\$233,200	\$169,700	\$314,600	\$162,700



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

Architecture	Curr	ent Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Fail I Total (Yea	Pate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls							
Bronze/Brass	2%		LIFE	* *			
Masonry: Brick	5%		LIFE	* *	5	\$8,800	
Masonry: Granite	5% 0-2	. ,	LIFE	* *	5	\$6,600	
		Erod, Extent : Light, A	rea Affec	ted : 10%			
	Location : Thre	oughout					
Masonry: Limestone	62% 0-2	\$259,500	LIFE	* *	5	\$82,200	
-	Jnt Mortar Miss/	Erod, Extent : Light, A	rea Affec	ted : 10%			
	Location : Thre	oughout					
Metal Panel	5%		2049	* *	5-10	\$60,800	
		tion, Extent : Light, Ar		ed : 100%	5 10	\$00,000	
		Balcony Conference I					
Matel Cailing Deem		Dateony congerence I		* *	5	¢11 100	
Metal Coiling Doors	2%	¢ (2, 200	2028	* *	5	\$11,100	
Pre-Cast Concrete	10% 4+	. ,	LIFE		5	\$57,500	
		ish, Extent : Moderate					
		h Facade Between Pop			25		
	-	ring, Extent : Moderat	-	-			
	Location : Sout	h Facade Between Pop	oular Libi	rary And Language	25		
Stucco Cement	9% Nov	v \$49,900	2036	* *	5	\$19,900	
	Other Observation	on, Extent : Light, Arec	ı Affected	: 25%			
		verhead Doors Facing					
		Corroded Steel Lintels	, 0				
Windows	1						
Aluminum	10%		2039	* *	5	\$4,000	
Aluminum	5%		2045	* *	5	\$2,000	
1 Hummun		tion, Extent : Light, Ar		vd · 100%	0	<i>42,000</i>	
		Balcony Conference I		. 10070			
				* *		¢74.200	
Bronze/Brass	60% Nov		2031		5	\$74,300	
		ng, Extent : Moderate,	Area Affe	ected : 20%			
	Location : Thre	oughout					
Glass Block	10% Nov	v \$64,300	LIFE	* *	5	\$2,500	
	Jnt Mortar Miss/	Erod, Extent : Modera	te, Area A	Affected : 50%			
	Location : Sout	h Facade Facing Seco	nd Floor	Roof			
		on, Extent : Severe, Are		-			
		h Facade Facing Seco					
		Corroded Steel Support					
Stacl				* *	<i>E</i>	¢27.000	
Steel	15% 0-2		2048		5	\$37,200	
		ng, Extent : Moderate, .		cted : 15%			
		rs, Sections Of South F					
		ish, Extent : Moderate		fected : 50%			
	Location : Stai	rs, Sections Of South F	acade				
	Thermally Ineffic	cient, Extent : Moderat	e, Area A	ffected : 50%			
	Location : Stai	rs, Sections Of South F	acade				

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

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Parapets								
Masonry: Brick	25%			LIFE	* *	5	\$5,400	
Masonry: Limestone	65%			LIFE	* *	5	\$17,800	
Stucco Cement	10%			2036	* *	5	\$5,600	
Roof	1 70/			2020	* *	~	¢10.000	
Asphalt Macadam		pair Evider 1 : Parking	nt, Extent : Light, A Area	2028 rea Affeo		5	\$19,000	
Modified Bitumen	73%	Now	\$349,400	2023	\$873,600			
	Location Seams Op	ı : Over Thi en/Split, Ex	derate, Area Affecto rd Floor Roof ctent : Moderate, A rd Floor Roof					
Plaza Roof: Stone Pane	ls 10%			2049	* *			
	Location	ı : At Plaza	Extent : Moderate, A nt Replacement Evi		ected : 100%			
Skylight, Metal/Glass	2%		\$60,700	2033	* *			
	Location Glazing B	ı : At Third roken/Crac	xtent : Moderate, A Floor Roof Over A ked, Extent : Mode Floor Roof Over A	rt And M rate, Are	Iusic Areas ea Affected : 10%			
terior								
Floors						_		
Carpet		stallation, E 1 : New Auc	Extent : Light, Area litorium	2022 Affected	\$1,031,400 ! : 10%	3	\$111,900	
Cast in Place Concrete	7%			LIFE	* *	5	\$76,100	
Ceramic Tile	3%			2032	* *	5	\$14,900	
Terrazzo	5%			LIFE	* *	5	\$19,400	
Terrazzo		stallation, E 1 : Auditori	Extent : Light, Area um	LIFE Affected	* * ! : 100%	5	\$7,800	
Vinyl Tile			\$604,600 tent : Moderate, Ai ge Literature, Socia			3 eas	\$61,500	
	Cracking/ Location	Crumbling, 1 : Languag	Extent : Moderate e Literature, Socia Moderate, Area Aj	, Area Aj l Science	ffected : 25% e, Book Storage Ar			
			ge Literature, Socia	-		eas		
Vinyl Tile	30%			2028	* *	3	\$55,900	
Vinyl Tile	5%			2020	* *	3	\$9,300	
<b>,</b>	Recent In		Extent : Light, Area cony Conference R	Affected	l : 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 # : 2136

			Asset # : Z	130				
Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Concrete Masonry Unit	5%			LIFE	* *	5	\$5,300	
Glass: Single Pane	5%			LIFE	* *	5	\$9,900	
Gypsum Board	20%			LIFE	* *	5	\$31,800	
	Recent Ins	stallation, H	Extent : Light, Area	Affected	: 10%			
	Location	ı : New Auc	litorium And Balco	ny Confe	erence Room			
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%	Now	\$45,700	LIFE	* *			
	Broken/M		ents, Extent : Mode		ea Affected : 10%			
	-	Crumbling, 1 : At Audit	Extent : Moderate orium Exit	, Area Aj	ffected : 10%			
Plaster	43%	Now	\$19,800	LIFE	* *	5	\$34,100	
	0	0	Extent : Moderate		ffected : 5%			
			Corridor Facing L	obby				
Wood	10%			LIFE	* *	5	\$105,800	
	Recent Re	place Evide	ent, Extent : Light, 1	Area Affe	ected : 10%			
	Location	ı : New Auc	litorium					
Ceilings								
AcousTileConcealSpLn				2036	* *	5	\$93,200	
AcousTileConcealSpLn			\$43,600	2028	* *	5	\$62,200	
		Crumbling, 1 : Through	Extent : Light, Are out	a Affecte	ed : 10%			
AcousTileSusp.Lay-In	10%			2036	* *	5	\$49,700	
Exposed Concrete	10%			LIFE	* *	5	\$7,800	
Gypsum Board	5%			LIFE	* *	5	\$31,100	
			Extent : Light, Area litorium And Balco					
Gypsum Board	10%			LIFE	* *	5	\$62,200	
Plaster	30%			LIFE	* *	5	\$93,200	
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
system	% of	Fail Data	Estimated Cost	Voor	Estimated Cost	Cycle	Estimated Cost	Priorit
Component Type	Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	THOM
nder 600 Volts								
Service Equipment						_		
Molded Case Bkrs	50%			2049	* *	5	\$4,600	
	Location	ı : Electrica						
	Explana	tion : 4000	Amps Main Discor	nect Swi	itch			
Molded Case Bkrs	50%			2049	* *	5	\$4,600	
		servation, E 1 : Electrico	Extent : Moderate, A al Room	Area Affe	cted : 100%			

Explanation : 4000 Amps Main Disconnect Switch

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

Current Repair Future Replacement Maintenance							
% of Total							Priority
1000/			20.40	* *	_	¢1 200	
					5	\$1,300	
			rea А <del></del> ђе	ectea : 100%			
			7				
Explanat	ion : 2 Transf	ormers @ 500 K	va				
500/			2040	* *	5	\$4,000	
						1 9	
50%			2049	-11-	3	\$4,000	
<b>CO</b> 0/			2022	¢146 400	1		
30%			2049	* *	1		
			2022	<b>#04.700</b>	-	¢ < 0.00	
				. ,			
5%			2031	* *	5	\$500	
••••	<b>.</b> .	<b>\$ 10,000</b>	2040	ate ate			
					1		
			a Affecte	ed : 100%			
	: Inroughout						
20%			2049	* *	1		
20%				* *	5		
			2021	\$458,300	5		
10%			2040	* *	5	\$200	
100%			LIFE	* *	5	\$5,100	
		nt : Moderate, A	rea Affe	ected : 100%			
Location	: Basement						
Explanat	ion : Water M	lain					
	Total           100%           Other Obsection           Location           Explanat           50%           50%           60%           10%           20%           Insulation           Location           60%           20%           Insulation           Location           60%           20%           100%           00%           100%           0ther Obsection           100%           Other Obsection	% of Total       Fail Date (Years)         100%         Other Observation, Extended Location : Electrical R Explanation : 2 Transf         50%         50%         50%         60%         10%         30%         65%         30%         20%         20%         20%         20%         20%         20%         20%         20%         20%         20%         20%         20%         20%         20%         100%         0ther Observation, Extended         Location : Basement	% of Tail Date Estimated Cost Total         100%         Other Observation, Extent : Moderate, A Location : Electrical Room         Explanation : 2 Transformers @ 500 K         50%         50%         60%         10%         60%         10%         20%       2-4         \$48,900         Insulation Aged, Extent : Moderate, Area         Location : Throughout         60%         20%         20%         20%         20%         20%         20%         100%         00%         100%         00%	% of TotalFail Date (Years)Estimated Cost FYYear FY100%2040Other Observation, Extent : Moderate, Area Affe Location : Electrical Room Explanation : 2 Transformers @ 500 Kva50%204950%204960%202310%203330%204965%202230%20455%203120%2-4\$48,9002048Insulation Aged, Extent : Moderate, Area Affecte Location : Throughout60%203320%204920%202870%202110%LIFEOther Observation, Extent : Moderate, Area Affecte Location : Basement	% of Total         Fail Date (Years)         Estimated Cost FY           100%         2040         **           0ther Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Room Explanation : 2 Transformers @ 500 Kva         **           50%         2049         ***           60%         2023         \$146,400           10%         2049         ***           60%         2023         \$146,400           10%         2033         ***           60%         2022         \$94,700           30%         2049         ***           65%         2022         \$94,700           30%         2045         **           20%         2-4         \$48,900         2048         **           10sulation Aged, Extent : Moderate, Area Affected : 100% Location : Throughout         **         **           20%         2049         **         **           20%         2028         **           20%         2028         **           20%         2028         **           100%         LIFE         **           100%         LIFE         **           100%         LIFE         **	% of Total         Fail Date (Years)         Estimated Cost FY         Year FY         Estimated Cost (Yrs)         Cycle (Yrs)           100%         2040         ***         5           0ther Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Room Explanation : 2 Transformers @ 500 Kva         ***         5           50%         2049         **         5           50%         2049         **         5           60%         2023         \$146,400         1           10%         2033         **         1           30%         2049         **         5           60%         2022         \$94,700         5           30%         2045         **         5           20%         2-4         \$48,900         2048         **         1           Insulation Aged, Extent : Moderate, Area Affected : 100%         **         1           Location : Throughout         60%         2033         **         1           20%         2049         **         5         5           70%         2013         **         1           20%         2049         **         5           70%         2021         \$458,300	% of Total         Fail Date (Years)         Estimated Cost FY         Cycle FY         Estimated Cost (Yrs)         Estimated Cost (Yrs)           100%         2040         **         5         \$1,300           Other Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Room Explanation : 2 Transformers @ 500 Kva         \$100%         \$\$1,300           50%         2049         **         5         \$\$4,600           50%         2049         **         5         \$\$4,600           50%         2049         **         5         \$\$4,600           10%         2033         **         1           65%         2022         \$\$94,700         5         \$\$6,000           30%         2049         **         5         \$\$2,800           5%         2022         \$\$94,700         5         \$\$6,000           30%         2045         **         5         \$\$2,800           5%         2031         **         1         \$\$           Insulation Aged, Extent : Moderate, Area Affected : 100%         \$\$         \$\$         \$\$           20%         2049         **         1         \$\$           20%         2049         *         1

Lighting

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

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

#### Asset # : 2136

Electrical		Current R	epair	Futur	e Replacement	Μ	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
ighting									
Interior Lighting									
Fluorescent	65%			2023	\$7,739,800	10	\$198,100		
			xtent : Moderate, A	Area Affe	ected : 100%				
		: Through							
	Explanat	ion : Using	T-8 Lamps						
Fluorescent	20%			2031	* *	10	\$60,900		
	Other Obse	ervation, E.	xtent : Moderate, A	Area Affe	ected : 100%				
	Location	: Through	out						
	Explanat	ion : Using	T-8 And T-5 Lam	DS					
Fluorescent	5%			2018	\$595,400	10	\$15,200		
Theorem		ervation E	xtent : Moderate. A		· · · · · · · · · · · · · · · · · · ·	10	¢10,200		
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout								
		-	T-12 Lamps						
HID	5%		1 12 Lamps	2031	* *	10	\$500		
HID	3% 2%			2031	\$93,900	10	\$200		
Incandescent				2018			\$200 \$200		
	3%			2018	\$357,200	2	\$200		
Egress Lighting	400/			2022	¢70.000	1			
Emergency, Service	40%			2023	\$70,800 * *	1			
Emergency, Service	10%			2031		1			
Exit, LED	10%			2058	* *	1			
Exit, Service	40%			2023	\$20,600	1			
Exterior Lighting	100-1				<b>* · · •</b> • • • • • • • • • • • • • • • • • •	1.0	<b>*</b> 4 4 9 9		
HID	100%			2023	\$1,432,000	10	\$1,100		
Alarm									
Security System									
Not Accessible	100%								
Fire/Smoke Detection									
No Component	70%								
Generic	30%			2028	* *	1-3	\$64,700		
Machanical									
Mechanical		Current R		Futur	e Replacement		aintenance		
System Component	% of		Estimated Cost		Estimated Cost	-	Estimated Cost	Priority	
Туре	Total	(Years)		FY		(Yrs)			
leating									
Energy Source									
Interruptible Gas/Dual Fuel	100%			2043	* *	1			
ruci		ervation, E. : Basemen	xtent : Light, Area	Affected	: 100%				
			Tank Of 15,000 Ga	llors					
Conversion Equipment	Блринан	ion. One I	unk 0j 13,000 Ga	nons					
Conversion Equipment Steam Boiler	100%			2040	* *	1	\$320,000		
Steam Doner		mation F	rtant · Light Area	2040 Affected		1	\$329,000		
		: Basemen	xtent : Light, Area +	Ајјестей	. 100/0				
	Explanat	ion : 3 Boil	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.

#### Asset # : 2136

			ASSEL # . 2					
Mechanical	Current Repair			Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
leating								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	\$24,600	
Terminal Devices							, ,	
Air Handler	60%			2018	\$1,164,300	1	\$123,300	
Convector/Radiator	40%			2028	**	1	\$42,900	
Air Conditioning							1 7	
Energy Source								
Electricity	30%			2031	* *	1		
Steam/HW System	70%			2033	* *	1		
Conversion Equipment								
Reciprocating	85%			2031	* *	1	\$131,000	
Compr/Chiller	P 13/a Pa	frigarant	Extent : Light, Arec	Affactor	1.100%			
	-	: Chillers	-	i Ajjeciet	1.10070			
Ext Pkg Unit - Cooling	15%			2023	\$249,200	2	\$3,100	
	Other Obse	ervation, E	xtent : Light, Area	Affected	: 15%			
	Location	: Various	Locations					
	Explanat	ion : Split	Systems					
Distribution								
Chilled Wtr Pipe/Pump	100%			2033	* *	4	\$24,600	
Terminal Devices								
Air Handler/Cool/Ht	100%			2023	\$1,528,700	1	\$205,400	
Heat Rejection								
Air Condenser Unit	15%			2023	\$107,800	2	\$34,700	
Water Cool Tower	85%	Now	\$17,600	2024	\$878,100	2	\$227,400	
	Leak Evide	ent, Extent	: Severe, Area Affe	cted : 25	%			
	Location	: One Of T	The Cooling Tower	\$				
entilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$185,300	
Exhaust Fans								
Interior	95%	Now	\$18,900	2018	\$377,900	2	\$7,700	
			ent : Moderate, Are				. ,	
	Location	: Fan Roo	т					
Roof	5%			2023	\$14,300	2	\$500	
lumbing	570			2023	ψ17,500	-	ψ500	
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater	20070			2020		1		
Gas Fired	100%			2021	\$83,700	2	\$4,800	
Sanitary Piping	10070				405,700	-	\$ 1,000	
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	100/0					1		
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	10070			LIL		1		
Rigid Piping	100%			2023	\$12,000	Λ	\$1,600	
Kigiu ripilig	100%			2023	\$12,000	4	\$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 # : 2136

Mechanical	Current Repair	Future R	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Plumbing								
Sewage Ejector(s)								
Compressed Air	100%	2023	\$30,900	4	\$1,600			
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%	LIFE	* *					
	Other Observation, Extent : Light	, Area Affected : 10	00%					
	Location : Various Locations							
	Explanation : Seven Units							
Escalators								
Under 20' Rise	100%	LIFE	* *					
	Other Observation, Extent : Light	, Area Affected : 10	00%					
	Location : 1-2							
	Explanation : Two Units							
Fire Suppression								
Standpipe								
Generic	100%	2043	* *	1-5	\$167,500			
Sprinkler								
No Component	60%							
Generic	40%	2043	* *	1-2	\$37,200			

 

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

#### **BROOKLYN PUBLIC LIBRARY - FY 2016** Print Date: 23-Oct-2015

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$278,200	
Interior Architecture	\$132,400	\$416,600
Electrical	\$456,800	\$44,900
Mechanical		\$1,690,400
Total	\$867,500	\$2,151,900
Importance Code A	\$278,200	\$117,100
Importance Code B	\$589,300	\$2,034,800
Total	\$867,500	\$2,151,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$60,100	\$7,300		\$2,300
Interior Architecture	\$68,100	\$3,700	\$1,300	\$5,600
Electrical	\$15,500	\$900	\$1,100	\$1,700
Mechanical	\$24,100	\$10,100	\$26,500	\$10,100
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$175,800	\$30,000	\$36,800	\$27,600
Importance Code A	\$62,700	\$9,900	\$2,600	\$5,000
Importance Code B	\$77,500	\$20,100	\$32,900	\$22,600
Importance Code C	\$35,500		\$1,300	
Total	\$175,800	\$30,000	\$36,800	\$27,600



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 # : 2137

rchitecture	Current Repair	Future Replaceme	nt						
rstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated C FY	Cost	Cycle (Yrs)	Estimated Cost	Priorit			
terior									
Exterior Walls									
Masonry: Brick		LIFE	* *	5	\$2,100				
	Corrosion/Rusting, Extent : Moderate, An								
	Location : Lintels At Rear Egress Passo Spalling, Extent : Moderate, Area Affecte	-							
	Location : Rooftop Bulkheads	u.1570							
Masonry: Limestone	62% Now \$278,200	LIFE	* *	5	\$19,300				
Widsonny. Ennestone	Loose Units, Extent : Severe, Area Affect			5	\$17,500				
	Location : Upper Northeast Corner Of Main Facade And Above Main Entrance								
	Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
	Location : North And Rear Facades								
	Vegetation Growth, Extent : Moderate, A	rea Affected : 25%							
	Location : North And Rear Facades								
Granite Panels	30%	LIFE	* *	5	\$9,300				
Window Wall	3%	2045	* *	5	\$4,700				
Windows Aluminum	100% Now \$18,600	2033	* *	5	\$2,200				
Aluiiiiiuiii	Hardware Missing, Extent : Moderate, A			5	\$2,200				
	Location : Throughout								
	Water Penetration, Extent : Moderate, An	rea Affected : 5%							
	Location : Soffit Of Window At Main St	air Landing							
Parapets				_	<b>* * *</b> * * *				
Masonry: Brick	45% Basant Banain Evident Entert - Light An	LIFE	* *	5	\$3,700				
	Recent Repair Evident, Extent : Light, Ar Location : Brick Cavity Wall	ea Affectea : 45%							
Magoney Limostona		LIFE	* *	5	\$3,100				
Masonry: Limestone	Jnt Mortar Miss/Erod, Extent : Light, Are			5	\$5,100				
	Location : Throughout	in hyperica ( 1070							
	Staining/Discoloring, Extent : Moderate,	Area Affected : 30%							
	Location : Throughout								
	Vegetation Growth, Extent : Moderate, A	rea Affected : 30%							
	Location : Throughout								
Metal Rail	8%	2038	* *	5-10	\$12,000				
Granite Panels	17%	LIFE	* *	5	\$1,600				
Roof Modified Bitumen	100% 2-4 \$27,500	2035	* *						
Mounieu Ditumen	Alligatoring, Extent : Moderate, Area Aff								
	Location : At All Seams And Corners								
	Ponding, Extent : Moderate, Area Affecte	ed : 10%							
	Location : At Bulkhead Stair And Under	r Cooling Tower							
	Recent Repair Evident, Extent : Light, Ar	ea Affected : 100%							
	Location : All Rooftops - Painting								

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 # : 2137

Component Type erior Floors Cast in Place Concrete	% of Total	Current F Fail Date (Years)	Repair Estimated Cost		e Replacement		aintenance	
Type terior Floors Cast in Place Concrete			Estimated Cost	Voor		~ .		
Cast in Place Concrete		(Tears)		FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Cast in Place Concrete								
о : т'I	25%			LIFE	* *	5	\$40,700	
Ceramic Tile	10%			2028	* *	5	\$7,400	
Terrazzo	5%			LIFE	* *	5	\$2,900	
Vinyl Tile	60%	2-4	\$37,600	2025	\$375,900	3	\$16,700	
	-	-	Extent : Light, Are		ed : 15%			
1	Location	: Through	out 1st And 2nd Fle	oors				
Interior Walls								
Ceramic Tile	5%			2034	* *	5	\$2,600	
Concrete Masonry Unit	25%			LIFE	* *	5	\$5,300	
Gypsum Board	50%			LIFE	* *	5	\$15,800	
Mosaic Tile	5%	Now	\$26,800	LIFE	* *			
		ssing Elem : Main Sta	ents, Extent : Mode irwell	erate, Ar	rea Affected : 5%			
Wood —	15%	4+	\$8,700	LIFE	* *	5	\$31,600	
			\$8,700 Extent : Moderate,			5	\$31,000	
			hout 1st And 2nd F		ecieu . 2570			
Ceilings		0						
AcousTileSusp.Lay-In	35%	Now	\$20,900	2030	* *	5	\$13,000	
	aining/D	iscoloring,	Extent : Moderate	, Area Aj	ffected : 25%			
1	Location	: 2nd Floo	r, Reception, Audit	torium				
Wa	ater Pen	etration, E.	xtent : Moderate, A	rea Affe	cted : 25%			
1	Location	: 2nd Floo	r, Reception, Audit	torium				
Exposed Concrete	40%	2-4	\$94,800	LIFE	* *	5	\$4,600	
-	racking/0	Crumbling,	Extent : Moderate	, Area Aj	ffected : 15%		. ,	
1	-	: Horizont	al Cracks Thru Bed	-	-	- West In	n Basement,	
			: Moderate, Area	Affected	: 15%			
		-	out Basement And					
		-	tent : Moderate, Ar					
	-	: Sub Base		55				
Gypsum Board	15%	Now	\$5,600	LIFE	* *	5	\$13,900	
• •			xtent : Moderate, A		cted · 15%	5	\$15,700	
			out Main Stair And					
					* *	5	¢0.200	
Metal Panel	10%	0-2 ts Extent :	\$6,200 Light, Area Affecte	LIFE		5	\$9,300	
			r Corridor	a. 370				

Under 600 Volts

System Component

Туре

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

(Years)

% of Fail Date Estimated Cost

Year Estimated Cost

FY

Cycle Estimated Cost Priority

(Yrs)

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

Total

#### Asset # : 2137

Electrical		Current	Repair	Futur	e Replacement	acement Maintenance			
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	100%			2025	\$4,800	5	\$200		
			Extent : Moderate, A	Area Affe	cted : 100%				
		i : Electric							
	Explana	tion : One	1200 Amps Main D	isconnec	t Switch				
Switchgear / Switchboard Molded Case Bkrs	100%			2025	\$32,000	5	\$1,400		
Raceway	100%			2023	\$52,000	5	\$1,400		
Conduit	80%			2025	\$24,800	1			
Conduit	20%			2025	φ <b>2</b> <del>4</del> ,000 * *	1			
Panelboards	2070			2000					
Fused Disc Sw	10%			2024	\$3,000	5	\$100		
Molded Case Bkrs	60%			2024	\$17,800	5	\$800		
Molded Case Bkrs	30%			2033	* *	5	\$400		
Wiring									
Braided Cloth	20%	2-4	\$5,500	2050	* *	1			
		-	ent : Moderate, Are	a Affecte	ed : 100%				
	Location	ı : Basemer	1t						
Thermoplastic	60%			2035	* *	1			
Thermoplastic	20%			2035	* *	1			
Motor Controllers									
Locally Mounted	50%			2030	* *	5	\$200		
Locally Mounted	50%			2023	\$44,900	5	\$200		
round									
Grounding Devices	1000/	0.2	¢0,400	LIDE	* *	5	¢000		
Generic	100% Other Ob	0-2	\$9,400 Extent : Moderate, A	LIFE		5	\$800		
		i : Water M		ireu Ajje	cieu . 10070				
		tion : Corr							
ghting	ылрини		,						
Interior Lighting									
Fluorescent	67%			2030	* *	10	\$32,300		
	Other Obs	ervation, H	Extent : Moderate, A	Area Affe	cted : 100%				
	Location	i : Through	out The Building						
	Explana	tion : T-12	Lamps						
Fluorescent	30%			2030	* *	10	\$14,500		
	T-12 Lam	os, Extent :	Moderate, Area Ag	fected : .	100%				
	Location	1 : Through	out						
Incandescent	3%			2020	\$51,700	2			
Egress Lighting									
Emergency, Service	50%			2025	\$12,100	1			
Exit, Service	50%			2025	\$3,500	1			
Exterior Lighting									
HID	100%			2020	\$196,600	10	\$200		

Alarm

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 # : 2137

			Asset # : 2'	137				
Electrical		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total		Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
larm								
Security System No Component Generic	70% 30%			2030	* *	1	\$5,900	
Fire/Smoke Detection No Component Generic, Analog	70% 30%			2020	\$161,800			
			- ·	- /				
Wechanical		Current	-		e Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating								
Energy Source Natural Gas	100%			2045	* *	1		
Conversion Equipment Hot Water Boiler	100% Other Obs	servation. I	Extent : Light, Area	2023 Affected	\$117,100 -: 100%	1	\$26,000	
	Location	ı : Sub Bas						
Distribution	1							
Hot Wtr Piping/Pump	100%			2033	* *	4	\$3,900	
Terminal Devices	0.004						<b>*****</b>	
Air Handler Convector/Radiator	90% 10%			2025 2030	\$252,700 * *	1	\$29,200 \$1,700	
ir Conditioning	10%			2030		1	\$1,700	
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment Reciprocating	90%			2025	\$159,000	1	\$21,900	
Compr/Chiller	1.00/			2025	<b>#24</b> 000	•	<b>\$200</b>	
Ext Pkg Unit - Cooling		igerant, Ex 1 : Through	tent : Light, Area A out	2025 ffected :	\$24,000 100%	2	\$300	
Distribution								
Chilled Wtr Pipe/Pump	100%			2035	* *	4	\$2,600	
Terminal Devices Fan Coil - Cool/Heat	100%			2025	\$985,600	1	\$17,000	
Heat Rejection	1001			0005	¢10.400	2	<b>42 5</b> 00	
Air Condenser Unit Water Cool Tower	10% 90%			2025 2023	\$10,400 \$134,500	2	\$3,700 \$47,600	
entilation	90%			2023	φ154,500	2	φ <b>47,000</b>	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$29,300	
Exhaust Fans Roof	100%			2025	\$41,400	2	\$1,600	
lumbing							,	

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 # : 2137

		5561#.2151				
Mechanical	Current Repa	ir Futu	re Replacement	М	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
lumbing						
H/C Water Piping						
Brass/Copper	5%	2045	* *	1		
Galv Iron/Steel	95%	2030	* *	1		
Water Heater						
Gas Fired	100%	2025	\$12,100	2	\$800	
	Other Observation, Exten	t : Light, Area Affected	l : 100%			
	Location : Sub Basemen	t				
	Explanation : One Unit					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Rigid Piping	100%	2025	\$11,000	4	\$2,500	
Sewage Ejector(s)						
Electric	100%	2025	\$11,000	4	\$2,500	
Backflow Preventer						
Generic	100%	2025	\$5,000	1	\$3,200	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Geared Traction	50%	LIFE	* *			
	Other Observation, Exten	t : Light, Area Affected	l : 50%			
	Location : Sub Basemen	t Thru Second Floor				
	Explanation : One Unit					
Hydraulic	50%	LIFE	* *			
	Other Observation, Exten		ected : 50%			
	Location : First Thru Se	00				
	Explanation : One Unit		erlv			
Fire Suppression			· 2			
Sprinkler						
No Component	75%					
Generic	25%	2035	* *	1-2	\$3,700	
Conorte	Other Observation, Exten		l : 100%		ψο,700	
	Location : Exterior					
	Explanation : No Siame.	se Connection Evident				

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 : 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

Asset Name	: BROWNSVILLE BRANCH LIBRARY	7	
Address	: 61 GLENMORE AVE. @WATKINS ST	Г.	
Borough	: BROOKLYN	Agency's Number	: 27
Program / Asset #	: BPL0B27.000 / 13238	Yr Built/Renovated	: 1908 / 2012
Area Sq Ft	: 10,500	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 15-Mar-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,1m		
Block	: 3489 Lot : 150	BIN	: 3080669

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$117,000	
Electrical		\$266,500
Mechanical		\$79,500
Total	\$117,000	\$346,000
Importance Code B	\$117,000	\$346,000
Total	\$117,000	\$346,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			\$2,100	\$1,400
Interior Architecture		\$1,100		\$1,700
Electrical	\$9,600	\$1,000	\$5,800	\$1,200
Mechanical	\$5,200	\$2,400	\$3,000	\$2,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$18,700	\$8,500	\$14,800	\$10,700
Importance Code A	\$500	\$500	\$2,700	\$2,000
Importance Code B	\$18,200	\$7,300	\$12,100	\$8,800
Importance Code C		\$700		
Total	\$18,700	\$8,500	\$14,800	\$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 # : 13238

rchitecture		Current	ASSEL $\pi$ . IS		e Replacement		aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
aterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$21,000	
		pair Evide 1 : Through	nt, Extent : Light, A out	rea Affeo	cted : 25%			
Masonry: Granite	5%			LIFE	* *	5	\$900	
Masonry: Limestone	10%			LIFE	* *	5	\$1,900	
		pair Evider 1 : Cornice	nt, Extent : Light, A s	rea Affeo	cted : 25%			
Windows								
Aluminum	100%			2040	* *	5	\$2,900	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	\$2,300	
		pair Evide 1 : Through	nt, Extent : Light, A out	rea Affeo	cted : 25%			
Metal Rail	10%			2044	* *	5-10	\$5,200	
			Extent : Light, Area		! : 100%		1-7	
		1 : Through						
Pre-Cast Concrete	10%			LIFE	* *	5	\$1,800	
			ent, Extent : Light, .		ected : 100%	-	+ - , • • •	
		1 : Through	-	55				
Roof								
Modified Bitumen	100%			2034	* *	10	\$17,100	
	Recent Re	place Evid	ent, Extent : Light,	Area Affe	ected : 100%			
	Location	1 : Through	out					
terior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	\$8,100	
Ceramic Tile	5%			2033	* *	5	\$900	
Vinyl Tile	75%		\$117,000	2034	* *	3	\$5,200	
	-	Crumbling 1 : Through	Extent : Moderate out	, Area Aj	ffected : 10%			
			: Moderate, Area	Affected	: 25%			
	Location	1 : Through	out					
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$1,400	
Concrete Masonry Unit				LIFE	* *	5	\$500	
Gypsum Board	50%			LIFE	* *	5	\$8,200	
Masonry: Brick	10%			LIFE	* *			
Plaster	30%			LIFE	* *	5	\$2,500	
Ceilings						_	<b>.</b>	
Gypsum Board	50%			LIFE	* *	5	\$11,600	
Plaster	50%			LIFE	* *	5	\$5,800	

Electrical	Curre	ent Repair	Futu	re Replacement	Μ	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cors)	ost 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 # : 13238

Electrical	Current	Repair	Futur	e Replacement	М	aintenance		
system Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
nder 600 Volts								
Service Equipment Molded Case Bkrs	100%		2034	* *	5	\$300		
	Other Observation, I Location : Basemen	ıt	55		Fach			
Switchgear / Switchboard	Explanation : 2- M	ain service Disconi	neci kale	a @ 200 Amperes	Each			
Molded Case Bkrs	100%		2034	* *	5	\$300		
Raceway Conduit	100%		2034	* *	1			
Panelboards	100%		2054	• •	1			
Fused Disc Sw	50%		2032	* *	5	\$100		
Molded Case Bkrs	50%		2032	* *	5	\$100		
Wiring	5070		2032		5	\$100		
Braided Cloth	30% 2-4	\$8,200	2049	* *	1			
Draided Clour	Insulation Aged, Ext			d · 100%	1			
	Location : Through		ungjeere	u. 10070				
Thermoplastic	70%		2034	* *	1			
Motor Controllers	7070		2034		1			
Locally Mounted	100%		2029	* *	5	\$100		
round	10070		2029		5	\$100		
Grounding Devices								
Generic	100%		LIFE	* *	5	\$200		
ghting	10070		LILL		5	φ200		
Interior Lighting								
Fluorescent	66%		2024	\$227,200	10	\$6,400		
Thorescone	Other Observation, 1 Location : Through Explanation : T-12	out The Building			10	φ0,100		
Fluorescent	30%	Lumps	2029	* *	10	\$2,900		
Thoresent	Other Observation, 1 Location : Basemen Explanation : T-8 1	ıt			10	φ2,900		
Fluorescent	4%		2029	* *	10	\$400		
	Other Observation, 1 Location : Boiler R			cted : 100%		÷		
	Explanation : Com	pact Fluorescent Li	ight Fixtı	ires				
Egress Lighting								
Emergency, Battery	50%		2029	* *	10	\$1,300		
Exit, Service	50%		2029	* *	1	-		
Exterior Lighting								
HID	100%		2024	\$39,300	10			
larm								
Security System								
Generic	100%		2032	* *	1	\$3,900		
	Other Observation, 1 Location : Through	out The Building		cted : 100%				
	Explanation : C C	T V Surveillance C	'ameras					

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

			ASSEL # . 13	230				
Electrical		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
larm Fire/Smoke Detection Generic	Location	: Through	xtent : Moderate, A out The Building 1 Bells, Manual Pu			1-3	\$6,700	
lechanical		Current F	Repair	Futur	e Replacement	м	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priorit
eating Energy Source Natural Gas	Location	: Next To	xtent : Severe, Are The Boiler Room, E ent For Gas Meter	Basement		1		
Conversion Equipment Hot Water Boiler	Location		xtent : Light, Area t Boiler Room t	2041 Affected	* *	1	\$5,200	
Distribution Hot Wtr Piping/Pump	100%			2040	* *	4	\$500	
Terminal Devices Air Handler Convector/Radiator	40% 60%			2024 2029	\$22,400 * *	1 1	\$2,600 \$2,000	
ir Conditioning Energy Source Electricity	100%			2040	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	100%	Now	\$3,500	2024	\$35,300	1	\$4,400	
	Location Other Obso Location	: Facility ervation, E : 1st & 2n	t : Severe, Area Aff In Back Yard ( Not Extent : Light, Area d Fl. table Units Being U	Accessil Affected	ble ).			
Distribution Chilled Wtr Pipe/Pump	100%			2034	* *	4	\$800	
Terminal Devices Air Handler/Cool/Ht	100%			2024	\$44,200	1	\$6,500	
Heat Rejection Not Accessible	100%							
entilation Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,900	

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 # : 13238

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

 

 Note :
 All component repairs \$ estimates are in current dollars and are not escalated for potential future 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: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$158,100	
Interior Architecture	\$86,500	
Electrical	\$454,500	
Total	\$699,100	
Importance Code A	\$158,100	
Importance Code B	\$541,100	
Total	\$699,100	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$32,800		\$15,100	
Interior Architecture	\$17,900	\$800	\$500	\$1,400
Electrical	\$22,900	\$1,000	\$51,300	\$900
Mechanical	\$4,800	\$2,000	\$3,800	\$3,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$82,300	\$7,700	\$74,600	\$9,300
Importance Code A	\$33,300	\$500	\$15,700	\$500
Importance Code D	* · <b>=</b> ····	¢ < 700	¢50,000	¢0,000
Importance Code B	\$47,600	\$6,700	\$58,900	\$8,800
Importance Code C	\$47,600 \$1,400	\$6,700 \$500	\$58,900	\$8,800



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

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

#### Asset # : 13239

chitecture	Current R	epair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Exterior Walls Cast Stone/Terra Cotta	10% Now Cracking/Crumbling, Location : Columns	At Main Entrance	-		5	\$17,700	
	Jnt Mortar Miss/Erod,		e, Area A	ffected : 15%			
Masonry: Brick	Location : Main Ent. 90% 0-2 Efflorescence, Extent .	\$121,600	LIFE	* *	5	\$20,300	
	Location : Througho Spalling, Extent : Moa Location : Througho	ut lerate, Area Affect					
Windows							
Wood	100%		2032	* *	5	\$44,200	
Parapets Cast Stone/Terra Cotta	10% 0-2 Cracking/Crumbling, Location : Front Fac		LIFE ea Affecte	* * ed : 10%	5	\$1,400	
Masonry: Brick	10% Now Cracking/Crumbling, Location : Interior F	\$1,000 Extent : Moderate		·	5	\$200	
	Spalling, Extent : Moa Location : Interior F Other Observation, Ex Location : Interior F Explanation : Stucco	Tace At North And Stent : Moderate, A Face At North And	South Si Area Affe	des cted : 100%			
Masonry: Brick	80% Now Jnt Mortar Miss/Erod, Location : Various I Water Penetration, Ex Location : Various I	ocations On Extented tent : Moderate, A	rior Face Area Affe		5	\$1,400	
Roof							
Modified Bitumen	95% Patching Evident, Ext Location : Througho		2029 rea Affect	* * ted : 20%	10	\$14,400	
Single Ply Membrane	5%		2029	* *	10	\$800	

Interior

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

Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Cast in Place Concrete	5%		\$300	LIFE	* *	5	\$1,500	
		-	, Extent : Moderate at Mechanical Room		ffected : 10%			
Ceramic Tile	5%			2033	* *	5	\$700	
Sheet Vinyl/Rubber	5%			2029	* *	5	\$1,000	
Vinyl Tile	75%			2029	* *	3	\$5,100	
Vinyl Tile	10%	Now	\$11,400	2034	* *	3	\$500	
	Cracking/	Crumbling,	Extent : Severe, A	rea Affec	cted : 25%			
	Location	ı : Basemer	ıt, Lunch Room					
	Poor Subf	loor Evider	nt, Extent : Modera	te, Area	Affected : 20%			
	Location	ı : Basemer	nt, Lunch Room					
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$900	
Plaster	10%	Now	\$1,400	LIFE	* *	5	\$500	
	Cracking/	Crumbling,	Extent : Moderate	, Area Aj	ffected : 10%			
	Location	ı : Basemer	t Corridor, Mezzar	ine Offi	се			
	Staining/L	Discoloring,	, Extent : Moderate	, Area A	ffected : 15%			
	Location	ı : Mezzani	ne Floor					
	Water Per	ietration, E	xtent : Moderate, A	rea Affe	cted : 5%			
	Location	ı : Mezzani	ne Office					
Plaster	85%			LIFE	* *	5	\$4,600	
Ceilings								
AcousTileConcealSpLn	80%	4+	\$86,500	2044	* *	5	\$6,700	
	Cracking/	Crumbling,	Extent : Moderate	, Area Aj	ffected : 15%			
	Location	ı : South W	all					
	Staining/L	Discoloring,	Extent : Moderate	, Area A	ffected : 50%			
	Location	ı : First Flo	oor					
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 50%			
	Location	ı : First Flo	oor					
Plaster	20%	Now	\$3,500	LIFE	* *	5	\$1,700	
	Cracking/	Crumbling,	Extent : Moderate	, Area Aj	ffected : 20%			
		ı : Mezzani						
	Staining/L	Discoloring,	, Extent : Moderate	, Area A	ffected : 15%			
	-	ı : Mezzani						
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
	<b>a</b> : <b>a</b>							
System Component	% of		Estimated Cost		Estimated Cost	-	Estimated Cost	Priority
Т с	Total	(Years)		FY		(Yrs)		1

Under 600 Volts

Туре

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

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

#### Asset # : 13239

Electrical	Current Repair Future Replacement Maintenance			aintenance				
System	% of							Derigerit
Component Type	% of Total	(Years)	Estimated Cost	FY FY	Estimated Cost	(Yrs)	Estimated Cost	Priorit
nder 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	\$700	5		
			Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Electrico						
			200 Amps Main Di					
Molded Case Bkrs	50%			2024	\$700	5	\$100	
			Extent : Moderate, A	Area Affe	ected : 100%			
		1 : Electrico						
	Explana	tion : One .	350 Amps Main Dis	sconnect				
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$32,000	5	\$300	
Raceway	<b>2</b> 004			••••	de de			
Conduit	20%			2044	* *	1		
Conduit	80%			2024	\$24,800	1		
Panelboards	<b></b>				<b>*=</b> 00	_		
Fused Disc Sw	5%			2023	\$700	5	<b>\$2</b> 00	
Molded Case Bkrs	75%			2023	\$11,100	5	\$200	
Molded Case Bkrs	20%			2040	* *	5	\$100	
Wiring	0.004	<b>.</b> .	<b>***</b> *	2010	* *			
Braided Cloth	80%		\$22,000	2049		1		
		-	ent : Moderate, Are	a Affecte	ea : 100%			
			out The Building					
Thermoplastic	20%			2044	* *	1		
Motor Controllers					<b>*</b> • <b>*</b> • • • •	_		
Locally Mounted	50%			2022	\$15,000	5		
Locally Mounted	50%			2037	* *	5		
Bround								
Grounding Devices	1000/				* *	-	<b>#2</b> 00	
Generic	100%			LIFE	* *	5	\$200	
ighting								
Interior Lighting	0.00/			2010	¢245 200	10	¢0.700	
Fluorescent	99%		Extent : Moderate, A	2019	\$345,300	10	\$9,700	
			out The Building	Area Ajje	ciea . 100%			
		tion : T-12	-					
<b>T</b>			Lamps	2010	<b>*2 5</b> 00			
Incandescent	1%			2019	\$3,500	2		
Egress Lighting	E00/			2024	Φ <b>Π</b> 100	10	¢1.000	
Emergency, Battery	50%			2024	\$7,100	10	\$1,300	
Exit, Service	50%			2024	\$800	1		
Exterior Lighting	E00/			2010	¢10.000	10		
HID	50%			2019	\$19,900	10		
Incandescent	50%			2019	\$16,900	2		
Alarm								
Security System	2004							
No Component	30%			2022	* *	1	¢ <b>2</b> 000	
Generic	70%			2032		1	\$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.

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

Asset # : 13239

ASSet # 1 15259									
Electrical	Curr	rent Repair	Futur	e Replacement	Μ	aintenance			
System Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Alarm									
Fire/Smoke Detection	1000/		2010	¢100 <b>2</b> 00	1.2	¢c c00			
Generic	100%		2019	\$109,200	1-3	\$6,600			
Mechanical	Curi	rent Repair	Futur	e Replacement	М	aintenance			
System	% of Fail l	Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority		
Component Type	Total (Yea	ars)	FY		(Yrs)				
Heating									
Energy Source									
Natural Gas	100%		2044	* *	1				
	Other Observati	on, Extent : Light, Area	Affected	: 5%					
		acent To Boiler Room							
	-	Discontinued Oil Tank S	Still In Bo	isement Vault					
Conversion Equipment									
Hot Water Boiler	100%		2037	* *	1	\$5,300			
		on, Extent : Light, Area	Affected	: 100%					
	Location : Bas	ement Boiler Room							
	Explanation :	l Unit							
Distribution									
Hot Wtr Piping/Pump	100%		2032	* *	4	\$500			
Terminal Devices									
Air Handler	60%		2024	\$34,100	1	\$4,000			
Convector/Radiator	40%		2029	* *	1	\$1,400			
Air Conditioning									
Energy Source									
Electricity	100%		2040	* *	1				
Conversion Equipment	-0.4		<b></b>	<b>* ~ -</b> ~ ~ -		<b>** *</b> *			
Reciprocating	70%		2024	\$25,000	1	\$3,500			
Compr/Chiller	2004		2024	¢14 coo	2	<b>\$300</b>			
Ext Pkg Unit - Cooling	30%		2024	\$14,600	2	\$200			
Terminal Devices	700/		2024	¢21 200	1	¢ 4 COO			
Air Handler/Cool/Ht	70% 20%		2024	\$31,300	1	\$4,600			
No Component	30%								
Heat Rejection Air Condenser Unit	70%		2029	* *	2	\$5,200			
No Component	70% 30%		2029		2	\$5,200			
Ventilation	5070								
Distribution									
Ductwork/Diffusers	100% No	w \$1,800	LIFE	* *	2-5	\$5,900			
		ting, Extent : Severe, Ar		ed : 5%		<i>40,700</i>			
		ter Leaking Into Upper							
Exhaust Fans		0 11	55						
Interior	75%		2029	* *	2	\$200			
Roof	25%		2024	\$2,100	$\frac{1}{2}$	\$100			
Plumbing					-	+ - 30			
H/C Water Piping									
Brass/Copper	100%		2034	* *	1				
rr	/ •				-				

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year H FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing						
Water Heater						
Gas Fired	100%	2022	\$2,500	2	\$200	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
	Other Observation, Extent : Mo	derate, Area Affect	ed : 10%			
	Location : Basement Boiler R	oom				
	Explanation : There Is No Dra	ain In Boiler Room				
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s)						
Electric	100%	2024	\$11,000	4	\$1,600	
	Other Observation, Extent : Lig	ht, Area Affected :	100%			
	Location : Basement Electric	Room				
	Explanation : 1 Unit					
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Lig	ht, Area Affected :	100%			
	Location : B-1, 2					
	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 : 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$196,500	
Interior Architecture		\$79,400
Electrical	\$444,900	\$57,800
Total	\$641,400	\$137,200
Importance Code A	\$196,500	
Importance Code B	\$444,900	\$137,200
Total	\$641,400	\$137,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$51,800			
Interior Architecture	\$48,500	\$1,700		\$500
Electrical	\$8,900	\$900	\$38,000	\$600
Mechanical	\$3,000	\$1,600	\$2,700	\$2,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$116,100	\$8,100	\$44,700	\$7,400
Importance Code A	\$52,500	\$700	\$900	\$700
Importance Code B	\$47,000	\$6,900	\$43,800	\$6,700
Importance Code C	\$16,700	\$600		
Total	\$116,100	\$8,100	\$44,700	\$7,400



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.

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

#### Asset # : 13241

Architecture		Current	Repair	Futur	e Replacement	M	aintenance	
system Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Brick	92%	0-2	\$196,500	LIFE	* *	5	\$32,900	
			l, Extent : Moderat		Affected : 25%			
			Locations Through					
			ht, Area Affected :					
	Locatior	: Various	Locations Through	out				
Masonry: Limestone	5%			LIFE	* *	5	\$1,300	
Masonry: Sandstone	3%	Now	\$24,500	LIFE	* *	5	\$800	
	Cracking/	Crumbling	Extent : Moderate	, Area Aj	ffected : 25%			
		: Base Th	-					
			e, Extent : Moderat	e, Area A	ffected : 25%			
	Locatior	a : Base Th	roughout					
			Extent : Moderate, A	Area Affe	cted : 100%			
		t : Building						
	Explana	tion : This	Is Actually Bluesto	ne				
Windows						_		
Aluminum	80%			2032	* *	5	\$3,900	
Steel	20%			2032	* *	5	\$12,000	
Parapets	700/	NT	¢10,400	LIPE	* *	~	¢1 <b>7</b> 00	
Masonry: Brick	70%	Now	\$19,400	LIFE		5	\$1,700	
		: Exterior	derate, Area Affect Face	eu . 50%	0			
Masonry: Limestone	30%	. Exterior	1 400	LIFE	* *	5	\$900	
Roof	30%			LIL		5	\$900	
Modified Bitumen	100%			2032	* *	10	\$12,000	
into anno a Ditamon		place Evid	ent, Extent : Light,		ected : 100%	10	¢1 <b>2,</b> 000	
		: Through		55				
terior		5						
Floors								
Cast in Place Concrete	2%			LIFE	* *	5	\$600	
Ceramic Tile	3%	0-2	\$800	2027	* *	5	\$200	
	Broken/M	issing Elen	ents, Extent : Mod	erate, Ar	ea Affected : 20%			
	Location	: Bathroo	ms					
Marble Panels	5%			LIFE	* *	5	\$500	
Vinyl Tile	65%			2024	\$79,400	3	\$3,500	
Vinyl Tile	25%	Now	\$30,500	2034	* *	3	\$1,400	
		issing Elen 1 : Basemer	nents, Extent : Mod ht	erate, Ar	ea Affected : 10%			
			Extent : Moderate ut, 1st Floor	, Area Aj	ffected : 25%			
		ts, Extent : : Basemer	Moderate, Area Aj at	ffected :	15%			
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 25%			
			nt, 1st Floor					

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

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

#### Asset # : 13241

		_					-	
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
nterior								
Interior Walls						_	<b>*</b> • • • • •	
Ceramic Tile	5%	0.0	¢1 < <b>7</b> 00	2033	* *	5	\$1,100	
Plaster	0	0-2 Crumbling, 1 : Elevator	\$16,700 Extent : Light, Are Foyer	LIFE ea Affecte		5	\$6,300	
Ceilings								
AcousTileConcealSpLn				2037	* *	5	\$900	
Plaster	-	pair Evider 1 : Through	nt, Extent : Light, A out, 2012	LIFE rea Affeo	* * cted : 75%	5	\$8,700	
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	Priority
Jnder 600 Volts								
Service Equipment Molded Case Bkrs	Location	: Electrica	Extent : Moderate, A 11 Room 500 Amps Main Dis			5	\$400	
Switchgear / Switchboard	Explana		500 million Di	conneer	Switch			
Molded Case Bkrs	100%			2024	\$32,000	5	¢ 100	
							\$400	
Raceway					. ,		\$400	
Raceway Conduit	5%			2044	* *		\$400	
Raceway Conduit Conduit	5% 95%			2044 2024	* *	1	\$400	
Conduit						1	\$400	
Conduit Conduit					* *	1	\$400	
Conduit Conduit Panelboards	95%			2024	* * \$29,500	1 1	\$400	
Conduit Conduit Panelboards Fused Disc Sw	95% 5%			2024 2023	* * \$29,500 \$700	1 1 5		
Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs	95% 5%	2-4	\$8,200	2024 2023	* * \$29,500 \$700	1 1 5		
Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring	95% 5% 95% 30% Insulation	Aged, Exte	\$8,200 ent : Moderate, Are out The Building	2024 2023 2023 2049	** \$29,500 \$700 \$14,100 **	1 1 5 5		
Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth Thermoplastic	95% 5% 95% 30% Insulation	Aged, Exte	ent : Moderate, Are	2024 2023 2023 2049 a Affecte 2024	** \$29,500 \$700 \$14,100 **	1 1 5 5		
Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth Thermoplastic Thermoplastic	95% 5% 95% 30% Insulation Location	Aged, Exte	ent : Moderate, Are	2024 2023 2023 2049 a Affecte	** \$29,500 \$700 \$14,100 ** ** **	1 1 5 5 1		
Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth Thermoplastic	95% 5% 95% Insulation Location 60%	Aged, Exte	ent : Moderate, Are	2024 2023 2023 2049 a Affecte 2024	** \$29,500 \$700 \$14,100 ** ** ** ** ** **	1 1 5 5 1	\$400	
Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth Thermoplastic Thermoplastic	95% 5% 95% Insulation Location 60%	Aged, Exte	ent : Moderate, Are	2024 2023 2023 2049 a Affecte 2024	** \$29,500 \$700 \$14,100 ** ** ** ** ** **	1 1 5 5 1		
Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth Thermoplastic Thermoplastic Motor Controllers Locally Mounted Ground	95% 5% 95% Insulation Location 60% 10%	Aged, Exte	ent : Moderate, Are	2024 2023 2023 2049 <i>a Affecte</i> 2024 2024	** \$29,500 \$700 \$14,100 ** ed:100% \$16,500 **	1 1 5 5 1 1 1 1	\$400	
Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Braided Cloth Thermoplastic Thermoplastic Motor Controllers Locally Mounted	95% 5% 95% Insulation Location 60% 10%	Aged, Exte	ent : Moderate, Are	2024 2023 2023 2049 <i>a Affecte</i> 2024 2024	** \$29,500 \$700 \$14,100 ** ed:100% \$16,500 **	1 1 5 5 1 1 1 1	\$400	

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

#### Asset # : 13241

Electrical	Current Repair	Future Replacement	Maintenance
		-	
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Estimated Cost FY	Cycle Estimated Cost Priori (Yrs)
ighting			
Interior Lighting			
Fluorescent	10%	2029 * *	10 \$1,300
	Other Observation, Extent : Mod	derate, Area Affected : 100%	
	Location : Mezzanine		
	Explanation : T-8 Lamps		
Fluorescent	85%	2019 \$392,200	10 \$11,000
	Other Observation, Extent : Mod		
	Location : Throughout The Bu	ilding	
	Explanation : T-12 Lamps		
Incandescent	5%	2019 \$23,100	2
Egress Lighting			
Emergency, Battery	50%	2029 * *	10 \$1,700
Exit, Service	50%	2029 * *	1
Exterior Lighting			
HID	100%	2019 \$52,700	10
larm			
Security System			
No Component	50%		
Generic	50%	2024 \$21,100	1 \$2,600
Fire/Smoke Detection			
No Component	60%		
Generic	40%	2024 \$57,800	1-3 \$3,500
An alwaysianal			
Mechanical	Current Repair	Future Replacement	Maintenance
System Component	% of Fail Date Estimate		Cycle Estimated Cost Priori
Туре	Total (Years)	FY	(Yrs)
leating			
Energy Source			
Natural Gas	100%	2034 * *	1
	Other Observation, Extent : Ligh	ht, Area Affected : 100%	
	Location : Sub Basement		

Explanation : Old Oil Ta	ank Abandone	d In Place			
100%		2029	* *	1	\$7,000
Other Observation, Extent	: Light, Area	Affected : 100%			
Location : Sub Basement	t				
Explanation : 1 Gas Fire	ed Hot Water	Boiler			
100% 0-2	\$1,400	2032	* *	4	\$700
Malfunctioning, Extent : M	Ioderate, Area	n Affected : 100%			
Location : Sub Basement	t, Defective Pı	mp Motor Bearing	S		
50%		2029	* *	1	\$4,400
50%		2037	* *	1	\$2,300
-	100% Other Observation, Extent Location : Sub Basement Explanation : 1 Gas Fire 100% 0-2 Malfunctioning, Extent : N Location : Sub Basement 50%	100% Other Observation, Extent : Light, Area Location : Sub Basement Explanation : 1 Gas Fired Hot Water I 100% 0-2 \$1,400 Malfunctioning, Extent : Moderate, Area Location : Sub Basement, Defective Pu 50%	Other Observation, Extent : Light, Area Affected : 100%         Location : Sub Basement         Explanation : 1 Gas Fired Hot Water Boiler         100%       0-2         \$1,400       2032         Malfunctioning, Extent : Moderate, Area Affected : 100%         Location : Sub Basement, Defective Pump Motor Bearing         50%       2029	100%       2029       **         0ther Observation, Extent : Light, Area Affected : 100%       Location : Sub Basement       **         Explanation : 1 Gas Fired Hot Water Boiler       **       **         100%       0-2       \$1,400       2032       **         Malfunctioning, Extent : Moderate, Area Affected : 100%       **       **         50%       2029       **	100%       2029       **       1         Other Observation, Extent : Light, Area Affected : 100%       Location : Sub Basement       1         Explanation : 1 Gas Fired Hot Water Boiler       1       1       1         100%       0-2       \$1,400       2032       **       4         Malfunctioning, Extent : Moderate, Area Affected : 100%       1       1       1       1         50%       2029       **       1       1

#### 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 Rep		re Replacement		aintenance	
System Component Type			Estimated Cost		Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2040	* *	1		
Conversion Equipment Ext Pkg Unit -	100%	2029	* *	2	\$900	
Heating/Cooling	10070	2027		2	φ700	
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$7,800	
Exhaust Fans						
Wall Unit	100%	2024	\$21,100	2	\$400	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2034	* *	1		
Water Heater						
Gas Fired	100%	2022	\$3,200	2	\$200	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Rigid Piping	100%	2032	* *	4	\$1,600	
	Recent Replace Evident,		fected : 100%			
	Location : Sub Baseme	ent				
Backflow Preventer						
Generic	100%	2029	* *	1	\$900	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators			<u>.</u>			
Hydraulic	100%	LIFE	* *			
	Other Observation, Exte Location : B-1	nt : Light, Area Affected	l : 100%			
	Explanation : One Uni	it				

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$113,900
Electrical		\$91,800
Total		\$205,700
Importance Code A		\$113,900
Importance Code B		\$91,800
Total		\$205,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$58,400			
Interior Architecture	\$65,200	\$3,400	\$3,100	
Electrical	\$700	\$300	\$300	\$300
Mechanical	\$10,900	\$2,000	\$7,400	\$1,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$139,100	\$9,600	\$14,800	\$5,900
Importance Code A	\$59,100	\$700	\$700	\$700
Importance Code B	\$60,800	\$8,900	\$13,500	\$5,200
Importance Code C	\$19,200		\$600	
Total	\$139,100	\$9,600	\$14,800	\$5,900



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 CONEY ISLAND BRANCH LIBRARY

#### Asset # : 13243

rchitecture	Cur	rent Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Total (Ye	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
aterior							
Exterior Walls							
Masonry: Brick	80% No		LIFE	* *	5	\$27,300	
		Extent : Moderate, Are					
	Location : At I	Rear Facade And Stair		On Roof.			
Masonry: Granite	5%		LIFE	* *	5	\$2,600	
Metal/Glass Curt Wall	15%		LIFE	* *	5	\$19,200	
	Thermally Ineffi Location : Thr	cient, Extent : Light, Aı oughout	ea Affecte	ed : 100%			
Windows							
Aluminum	100%		2042	* *	5	\$1,800	
Parapets							
Cast Stone/Terra Cotta	15%		LIFE	* *	5-10	\$14,800	
	Worn/Eroded, E Location : Thr	xtent : Light, Area Affe oughout	cted : 100	)%			
Masonry: Brick	85%		LIFE	* *	5-10	\$20,200	
j.		: Light, Area Affected :					
		ove Parapet Wall Base (		Flashing			
Roof		-					
Modified Bitumen	95% No	w \$2,300	2026	\$113,900			
	Blisters, Extent	: Light, Area Affected :		. ,			
		acent To Mechanical E		On Main Roof			
Skylight, Metal/Glass	5%		2036	* *	10	\$3,500	
Skynghi, Moul Cluss		nish, Extent : Light, Are		d : 100%	10	\$5,500	
		r Bulkhead Roof And M					
terior							
Floors							
Cast in Place Concrete	20%		LIFE	* *	5	\$18,300	
Ceramic Tile	10%		2039	* *	5	\$2,100	
Terrazzo	15%		LIFE	* *	5	\$4,900	
Vinyl Tile	55%		2034	* *	3	\$4,300	
Interior Walls							
Ceramic Tile	5%		2039	* *	5	\$1,300	
Gypsum Board	50%		LIFE	* *	5-10	\$21,400	
Masonry: Brick	15%		LIFE	* *	10	\$1,100	
Plaster	30%		LIFE	* *	5-10	\$6,400	
	-	Extent : Light, Area Affe Frwell At Roof Bulkhead		26			
Ceilings							
AcousTileConcealSpLn	30%		2043	* *	5	\$6,700	
Gypsum Board	35%		LIFE	* *	5-10	\$21,600	
Plaster	25%		LIFE	* *	5-10	\$7,700	
		Extent : Light, Area Affe irwell		%			
Wood	10%		LIFE	* *	5	\$31,400	
11000	10/0				5	φ51,+00	

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

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

			Asset # : 13	243				
Electrical		Current I	Repair	Futur	e Replacement	M	aintenance	
bystem 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	100% Other Obs	ervation F	Extent : Light, Area	2046 Affected	* * • 100%	5	\$100	
	Location	t : Boiler R		Ајјескей	. 10070			
Switchgear / Switchboard Fused Disc Sw	100%		•	2046	* *	5	\$100	
Raceway Conduit	100%			2046	* *	1		
Panelboards Molded Case Bkrs	100%			2042	* *	5	\$400	
Wiring Thermoplastic	100%			2046	* *	1		
Motor Controllers Locally Mounted	100%			2039	* *	5	\$100	
round Grounding Devices Generic	100%			LIFE	* *	5	\$400	
ghting Interior Lighting Fluorescent	80%			2031	* *	10	\$10,300	
	-		Light, Area Affectec out Building	l : 100%			. ,	
Fluorescent	-	s, Extent : 1 : Basemen	Light, Area Affectec tt	2026 l : 100%	\$45,900	10	\$1,300	
Incandescent	10%			2026	\$45,900	2		
Egress Lighting Emergency, Service	50%			2026	\$3,400	1		
Exit, LED	50%			2054	* *	1		
larm Security System No Component	50%			2021	* *	1	¢2, c00	
Generic	Location		Extent : Light, Area d Second Floor Only	2031 Affected		1	\$2,600	
Fire/Smoke Detection Generic, Digital	100%			2031	* *			
lechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
eating Energy Source						_		<u> </u>
Natural Gas	100%			2046	* *	1		

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

# BROOKLYN PUBLIC LIBRARY - 038 CONEY ISLAND BRANCH LIBRARY

#### Asset # : 13243

			A5561#.13					
Mechanical		Current I	Repair	Future	Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment Hot Water Boiler	100%			2039	* *	1	\$6,900	
Distribution Hot Wtr Piping/Pump	100%			2042	* *	4	\$1,000	
Terminal Devices Convector/Radiator	100%			2039	* *	1	\$4,500	
Air Conditioning								
Energy Source Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	50%			2031	* *	2	\$400	
Split Unit	50%			2031	* *			
Distribution Ductwork/Diffusers	100%			LIFE	* *	2	\$22,800	
Terminal Devices Fan Coil - Cooling	100%			2031	* *	1	\$4,500	
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,400	
Exhaust Fans Roof	100%			2031	* *	2	\$400	
Plumbing H/C Water Piping Brass/Copper	100%			2046	* *	1		
Water Heater Gas Fired			Extent : Light, Area r Mechanical	2024 Affected :	\$3,200 100%	2	\$200	
	Explana	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%	vervation, E	Extent : Light, Area	LIFE Affected :	* *			
		t : 1st To 21 tion : 1 - U						

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

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

#### Print Date: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$441,100	\$37,200
Interior Architecture	\$131,800	
Electrical	\$90,200	\$35,000
Mechanical		\$51,500
Total	\$663,200	\$123,700
Importance Code A	\$441,100	\$37,200
Importance CodeAImportance CodeB	\$441,100 \$222,000	\$37,200 \$86,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$10,200			\$4,600
Interior Architecture	\$36,200		\$700	\$1,800
Electrical	\$11,400	\$900	\$14,300	\$1,200
Mechanical	\$2,400	\$1,900	\$3,800	\$2,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$64,200	\$6,700	\$22,700	\$13,800
Importance Code A	\$10,800	\$600	\$800	\$5,300
Importance Code B	\$43,100	\$6,100	\$22,000	\$8,500
Importance Code C	\$10,300			
Total	\$64,200	\$6,700	\$22,700	\$13,800



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**

# DEKALB BRANCH LIBRARY

### Asset # : 13245

rchitecture	Current Repair	Futur	e Replacement	Μ	aintenance			
stem Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
terior								
Exterior Walls								
Cast Stone/Terra Cotta	15% Now	\$54,500 LIFE	* *	5	\$24,100			
	Int Mortar Miss/Erod, Exter	t : Moderate, Area A	Affected : 25%					
	Location : Cornice							
Masonry: Brick	83% Now 9	5111,800 LIFE	* *	5	\$17,100	1		
	Cracking/Crumbling, Extent	: Severe, Area Affec	rted : 20%					
	Location : Throughout	Location : Throughout						
	Int Mortar Miss/Erod, Exter	t : Moderate, Area A	Affected : 20%					
	Location : Throughout							
	Sidewalk Shed in Use, Exten	t : Moderate, Area A	ffected : 30%					
	Location : Along Bushwick	Ave						
Masonry: Sandstone	2% Now	\$6,900 LIFE	* *	5	\$300	1		
-	Broken/Missing Elements, E	xtent : Severe, Area	Affected : 20%					
	Location : Window Sills							
	Jnt Mortar Miss/Erod, Exter	t : Severe, Area Affe	cted : 25%					
	Location : Window Sills							
Windows								
Wood	100% Now 5	5190,500 2049	* *	5	\$23,400			
	Air Infiltration, Extent : Mod Location : Throughout	lerate, Area Affectea	1 : 100%					
	Split/Cracked, Extent : Mode	erate, Area Affected	: 50%					
	Location : Throughout							
	Water Penetration, Extent :	Moderate, Area Affe	cted : 20%					
	Location : Main Reading H	Room						

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

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# **BROOKLYN PUBLIC LIBRARY - 038**

# DEKALB BRANCH LIBRARY

### Asset # : 13245

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Parapets								
Cast Stone/Terra Cotta	Locatior	r Miss/Eroo 1 : Coping	\$38,200 d, Extent : Modera xtent : Moderate, .			5	\$8,700	
		i : Coping		110011990	0,000,110,0			
Masonry: Brick	75% Jnt Morta	Now	\$46,100 d, Extent : Modera out	LIFE te, Area A	* * Affected : 15%	5	\$3,700	
	Location	1 : Through	Extent : Moderate out xtent : Moderate, 2					
		ierranon, E 1 : Through		пеилује	cieu . 1570			
Masonry: Limestone	2%	Now	\$3,300	LIFE	* *	5	\$100	1
Muson y. Emicstone	Jnt Morta	r Miss/Erod	d, Extent : Severe, Over Auditorium E	Area Affe	ected : 50%	5	φ <b>1</b> 00	1
	Location	1 : Coping (	Extent : Severe, At Over Auditorium E	xit				
			ıgs, Extent : Sever ditorium Exit	e, Area A	ffected : 25%			
			Extent : Moderate,		ected : 100%			
			Over Auditorium E					
	Explana	tion : This	Coping Is Actually	Blueston	ne			
Roof	0=0/			2052	* *	10	¢27 300	
Copper/Terne		ervation, E 1 : Through	Extent : Moderate, out	2052 Area Affe		10	\$37,200	
	Explana	tion : Repa	irs In Progress, No	ot Accessi	ible			
Roll Roofing	5%			2020	\$3,900	5	\$1,500	
	Locatior	1 : Through						
	Explana	tion : Repa	irs In Progress, No	ot Accessi				
Single Ply Membrane		ervation, E 1 : Through	Extent : Moderate, out	2024 Area Affe	\$6,400 ected : 100%	10	\$1,800	
		-	irs In Progress, No	ot Accessi	ible			

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.

### BROOKLYN PUBLIC LIBRARY - 038 DEKALB BRANCH LIBRARY

#### Asset # : 13245

chitecture		Current I	Repair	Futur	e Replacement	M	aintenance	
tem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
rior								
Floors	1.00/			LIFE	* *	~	¢2.000	
Cast in Place Concrete	10%			LIFE	* *	5	\$3,900	
Ceramic Tile	5%			2027	* *	5	\$900	
Sheet Vinyl/Rubber	5%	4.	¢121 000	2029	* *	5	\$1,300	
Vinyl Tile	Location Cracking/ Location Loose Uni	ı : Through Crumbling, ı : Through its, Extent :	\$131,800 tent : Moderate, Au out Main Floor Extent : Moderate out Main Floor Moderate, Area Aj	, Area Aj	ted : 50% ffected : 20%	3	\$5,400	
	Location	ı : Through	out Main Floor					
Interior Walls	_			_				
Ceramic Tile	5%			2027	* *	5	\$900	
Concrete Masonry Unit	10%			LIFE	* *	5	\$700	
Gypsum Board	15%			LIFE	* *	5	\$1,600	
Plaster			\$9,900 xtent : Moderate, A n Room, Tech Roo		* * cted : 5%	5	\$3,400	
Wood	5%			LIFE	* *	5	\$3,500	
Ceilings	- / -					-	+++++++++++++++++++++++++++++++++++++++	
AcousTile,Adhered	Locatior Broken/M	ı : Auditori	ents, Extent : Seve			5	\$500	
AcousTileSusp.Lay-In			\$7,900 xtent : Moderate, A in Office And Tech		* * cted : 10%	5	\$2,300	
Exposed Concrete	5%			LIFE	* *	5	\$100	
Plaster	Location Water Per	ı : Mezzani	xtent : Moderate, A	-	-	5	\$7,400	
ectrical		Current I	Repair	Futur	e Replacement	М	aintenance	
tem Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priori
ler 600 Volts	1							1
Service Equipment Molded Case Bkrs	100%	·		2024	\$1,600	5	\$300	
	Location	ı : Electrica	Extent : Moderate, A 11 Room 600 Amps Main Dis					
Switchgear / Switchboard			4					

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

### BROOKLYN PUBLIC LIBRARY - 038 DEKALB BRANCH LIBRARY

#### Asset # : 13245

Electrical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts								
Raceway								
Conduit	70%			2024	\$23,800	1		
Conduit	30%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5		
Molded Case Bkrs	20%			2023	\$3,200	5	\$100	
Molded Case Bkrs	75%			2040	* *	5	\$200	
Wiring								
Thermoplastic	30%			2044	* *	1		
Thermoplastic	70%			2024	\$21,000	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%	0-2	\$10,300	LIFE	* *	5	\$200	
			Extent : Moderate, A	Area Affe	cted : 100%			
	Location	ı : Water M	lain					
	Explana	tion : Corre	oded					
ighting								
Interior Lighting								
Fluorescent	20%			2019	\$90,200	10	\$2,300	
			Extent : Moderate, A	Area Affe	cted : 100%			
		-	out The Building					
		tion : T-12	Lamps					
Fluorescent	50%			2029	* *	10	\$5,800	
	-		Moderate, Area Aff	ected : 10	00%			
	Location	ı : Through	out The Building					
Fluorescent	30%			2029	* *	10	\$3,500	
	-		Moderate, Area Aff	ected : 10	00%			
	Location	ı : Through	out The Building					
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	\$1,500	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10		
Alarm								
Security System	<b>5</b> 0							
No Component	70%			2024	-t-	1	<b>61 400</b>	
Generic	30%			2034	* *	1	\$1,400	
Fire/Smoke Detection	1000			2020	<u>ታ ታ</u>	1.2	<b>#0.000</b>	
Generic	100%			2029	* *	1-3	\$8,000	
Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Component	Total	(Years)		FY		(Yrs)		l

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

Mechanical	Current Repair Future Replacemen			e Replacement	nent Maintenance		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating							
Energy Source							
Natural Gas	100%		2044	* *	1		
<b>Conversion Equipment</b>							
Hot Water Boiler	100%		2037	* *	1	\$6,200	
	Other Observation,	-	Affected	: 100%			
	Location : Boiler I						
	Explanation : One	Unit					
Distribution	1000/		2022	* *		ф.coo	
Hot Wtr Piping/Pump	100%		2032	* *	4	\$600	
Terminal Devices	700/		2024	ØE1 600	1	Ф <i>Е Е</i> ОО	
Air Handler	70%		2024	\$51,500 * *	1	\$5,500	
Convector/Radiator	30%		2037	* *	1	\$1,200	
Air Conditioning Energy Source							
Electricity	100%		2040	* *	1		
Conversion Equipment	10070		2040		1		
Ext Pkg Unit - Cooling	70%		2029	* *	2	\$500	
Ext I kg Olitt - Cooling	R-22 Refrigerant, Ex	xtent · Light Area A			2	φ500	
	Location : 2 Units	0	jjeereu .	10070			
No Component	30%	on the floog					
Terminal Devices	3070						
Fan Coil - Cooling	30%		2029	* *	1	\$1,200	
No Component	70%		2027		1	\$1,200	
Heat Rejection	7070						
Air Condenser Unit	30%		2029	* *	2	\$2,600	
No Component	70%		202)		2	φ2,000	
Ventilation	10/0						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,000	
Exhaust Fans					_	1 - 7	
Interior	100%		2024	\$15,100	2	\$400	
Plumbing				. ,			
H/C Water Piping							
Galv Iron/Steel	100%		2037	* *	1		
Water Heater							
Gas Fired	100%		2022	\$3,200	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
No Component	90%						
Generic	10%		2029	* *	1	\$100	
Fixtures Generic	100%						

Vertical Transport

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

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

# **BROOKLYN PUBLIC LIBRARY - 038**

# DEKALB BRANCH LIBRARY

45
45

Mechanical	Current Repair	Future Repla	cement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	nted Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Light, Area	Affected : 100%				
	Location : B-1					
	Explanation : One Unit					
Fire Suppression						
Chemical System						
No Component	90%					
Generic	10%	2022	\$2,800	1-3	\$5,100	
	Other Observation, Extent : Light, Area	Affected : 100%				
	Location : Throughout					
	Explanation : 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. Maintenance \$ are aggregated over a 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: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$150,500
Electrical		\$450,300
Mechanical		\$289,500
Total		\$890,300
Importance Code A		\$150,500
Importance Code B		\$739,800
Total		\$890,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$34,800		\$100	
Interior Architecture	\$7,700	\$800		\$1,800
Electrical	\$1,500	\$1,200	\$1,200	\$1,400
Mechanical	\$1,300	\$1,500	\$2,200	\$1,800
Total	\$45,300	\$3,500	\$3,600	\$5,000
Importance Code A	\$35,400	\$600	\$800	\$600
Importance Code B	\$9,900	\$2,900	\$2,800	\$4,400
Importance Code C				
Total	\$45,300	\$3,500	\$3,600	\$5,000



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.

# BROOKLYN PUBLIC LIBRARY - 038 EAST FLATBUSH BRANCH LIBRARY

#### Asset # : 13247

	ASSEL # 1. 15247									
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	Priorit		
xterior	•									
Exterior Walls										
Concrete Masonry Unit	45%			LIFE	* *	5	\$4,300			
Glass Block	10%			LIFE	* *	5	\$1,000			
Masonry: Brick	40%			LIFE	* *	5	\$6,100			
Granite Panels	5%			LIFE	* *	5	\$600			
Parapets										
Concrete Masonry Unit	25%			LIFE	* *	5	\$400			
Metal Panel	5%			2044	* *	5	\$300			
Metal: Cage/Fence	70%			2037	* *	5-10	\$8,000			
Roof										
IRMA/Protected	90%	Now	\$30,100	2024	\$150,500					
Membrane										
			ent : Moderate, Ar	ea Affect	ed : 25%					
		1 : Through								
	Water Per	ietration, E	xtent : Moderate, A	Area Affe	cted : 10%					
	Location	ı : First Flo	oor							
Sloped Glazing	10%			LIFE	* *	5	\$28,200			
nterior										
Floors										
Ceramic Tile	10%			2033	* *	5	\$1,600			
Vinyl Tile	90%			2029	* *	3	\$7,100			
Interior Walls										
Concrete Masonry Unit	25%			LIFE	* *	5	\$1,600			
Gypsum Board	75%			LIFE	* *	5	\$7,000			
Ceilings										
AcousTileSusp.Lay-In	75%			2037	* *	5	\$11,800			
Plaster	25%			LIFE	* *	5	\$2,500			
Electrical	Current Repair			Futur	e Replacement	M				
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%		_	2034	* *	5	\$100			
			Extent : Moderate, A	Area Affe	ected : 100%					
		ı : Electrice								
	Explana	tion : Main	Service Switch Ra	ted @ 60	00 Amperes					
Switchgear / Switchboard										
Fused Disc Sw	100%			2034	* *	5	\$100			
Raceway										
Conduit	100%			2034	* *	1				
Panelboards										
Molded Case Bkrs	100%			2032	* *	5	\$300			
Wiring										
Thermoplastic	100%			2034	* *	1				
·^										

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

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

# BROOKLYN PUBLIC LIBRARY - 038 EAST FLATBUSH BRANCH LIBRARY

#### Asset # : 13247

Electrical	Current Repair	Future	e Replacement	Maintenance		
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2029	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Lighting						
Interior Lighting						
Fluorescent	98%	2024	\$396,100	10	\$11,100	
	T-12 Lamps, Extent : Moderate	, Area Affected : 1	00%			
	Location : Throughout The B	uilding				
Fluorescent	2%	2024	\$8,100	10	\$200	
	Other Observation, Extent : Mo	oderate, Area Affeo				
	Location : Entrance					
	Explanation : Compact Fluor	escent Light Fixtu	res			
Egress Lighting		-				
Emergency, Battery	50%	2024	\$8,200	10	\$1,500	
Exit, Service	50%	2024	\$900	1		
Exterior Lighting						
HID	100%	2024	\$46,100	10		
Alarm						
Security System						
Generic	100%	2032	* *	1	\$4,600	
	Other Observation, Extent : Moderate, Area Affected : 100%					
	Location : Throughout The Bi	uilding				
	Explanation : C C T V Surve	illance Cameras				
Fire/Smoke Detection						
Generic	100%	2032	* *	1-3	\$7,800	
	Other Observation, Extent : Mo	oderate, Area A <u>ff</u> eo	cted : 100%			
	Location : Throughout The B					
	Explanation : Smoke Detector	r, Manual Pull Sta	tion, Strobe Lights	And Ho	orns	

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

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

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

# BROOKLYN PUBLIC LIBRARY - 038 EAST FLATBUSH BRANCH LIBRARY

#### Asset # : 13247

Curre	Futur	e Replacement	M	aintenance		
		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
70%		2024	\$46,100	1	\$5,300	
30%		2029	* *	1	\$1,200	
100%		2040	* *	1		
100%		2022	\$243,400	2	\$800	
R-22 Refrigerant,	Extent : Light, Area A	ffected :	100%			
Location : Baser	nent					
100%						
100%		LIFE	* *	2-5	\$6,900	
90%		2024	\$12,200	2	\$300	
10%		2024	\$1,000	2		
100%		2044	* *	1		
100%		2022	\$2,800	2	\$200	
			, , , , , , , , , , , , , , , , , , , ,		,	
100%		LIFE	* *	1		
20070		<u> </u>		•		
100%		LIFE	* *	1		
20070		<u> </u>		•		
100%						
	% of Total         Fail Da (Year           70% 30%	Total         (Years)           70%         30%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%	% of total         Fail Date Estimated Cost (Years)         Year FY           70%         2024           30%         2029           100%         2040           100%         2022           R-22 Refrigerant, Extent : Light, Area Affected : Location : Basement         2024           100%         LIFE           90%         2024           100%         2024           100%         LIFE           90%         2024           100%         2024           100%         2024           100%         2024           100%         2024           100%         2024           100%         2024           100%         2024           100%         2024           100%         LIFE           100%         LIFE           100%         LIFE           100%         LIFE           100%         LIFE	% of Total (Years)         Estimated Cost FY         Setimated Cost FY           70%         2024         \$46,100           30%         2029         **           100%         2040         **           100%         2040         **           100%         2022         \$243,400           R-22 Refrigerant, Extent : Light, Area Affected : 100%         LIFE         **           100%         LIFE         **           90%         2024         \$12,200           100%         2024         \$12,200           100%         2024         \$12,200           100%         2024         \$12,200           100%         2024         \$12,200           100%         2024         \$12,200           100%         2024         \$12,200           100%         2024         \$1,000           100%         2024         \$1,000           100%         2022         \$2,800           100%         LIFE         **           100%         LIFE         **	% of Total         Fail Date (Years)         Estimated Cost FY         Year FY         Estimated Cost (Yrs)         Cycle (Yrs)           70%         2024         \$46,100         1           30%         2029         ***         1           100%         2040         ***         1           100%         2022         \$243,400         2           R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : Basement         1         2           100%         LIFE         **         2-5           90%         2024         \$12,200         2           100%         2024         \$12,200         2           100%         2024         \$12,200         2           100%         2024         \$12,200         2           100%         2024         \$12,200         2           100%         2024         \$12,200         2           100%         2024         \$12,000         2           100%         2022         \$2,800         2           100%         LIFE         ***         1           100%         LIFE         ***         1	% of Total         Fail Date (Years)         Estimated Cost FY         Estimated Cost FY         Cycle (Yrs)         Estimated Cost (Yrs)           70% 30%         2024         \$46,100 2029         1         \$5,300 \$100%           100%         2040         **         1           100%         2022         \$243,400         2         \$800           R-22 Refrigerant, Extent : Light, Area Affected : 100%         2         \$800           Location : Basement         1         1         \$1           100%         LIFE         **         2-5         \$6,900           90%         2024         \$12,200         2         \$300           100%         2024         \$12,200         2         \$300           100%         2024         \$12,200         2         \$300           100%         2024         \$12,200         2         \$200           100%         2024         \$1,000         2         \$200           100%         LIFE         **         1         \$200

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.
#### Print Date: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

Asset Name	ASTERN PARKWAY BRANCH LIBRARY	
Address	44 EASTERN PKWY. @SCHENECTADY AVE.	
Borough	ROOKLYN Agency's Number : 37	
Program / Asset #	PL0E37.000 / 13248 Yr Built/Renovated : 1914 / 2005	
Area Sq Ft	,901 Project Type : BROOKLYN PUB	LIC LIBRARY
Date of Survey	-Jun-2015 Landmark Status : NONE	
Areas Surveyed	sement, Roof, Floors 1,2	
Block	96 Lot : 6 BIN : 3037543	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$112,700	\$74,000
Electrical	\$163,200	\$554,700
Mechanical		\$121,800
Total	\$275,900	\$750,600
Importance Code A	\$112,700	\$74,000
Importance Code B	\$163,200	\$676,600
Total	\$275,900	\$750,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$28,200		\$28,100	\$16,900
Interior Architecture	\$29,500			\$2,500
Electrical	\$22,800	\$600	\$600	\$800
Mechanical	\$14,700	\$2,900	\$9,600	\$1,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$99,100	\$7,400	\$42,200	\$26,100
Importance Code A	\$29.000	\$800	\$28,900	\$17,700
importance code 11	$\psi_{2}$ ,000	ψυυυ	Ψ20,700	φ17,700
Importance Code B	\$57,800	\$6,600	\$13,300	\$8,300
1				



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

#### Asset # : 13248

			Asset # : 13	-				
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
Exterior								
Exterior Walls								
Masonry: Brick	5%			LIFE	* *	5	\$2,200	
Masonry: Granite			\$2,600 d, Extent : Light, A cout	LIFE	* * ted : 15%	5	\$800	
Masonry: Limestone			\$112,700 d, Extent : Moderat cout	LIFE te, Area A	* * Affected : 15%	5	\$14,100	
Stucco Cement	-		\$3,200 , Extent : Severe, A	2031 rea Affec	* * cted : 15%	5	\$1,400	
Windows								
Steel	-		, Extent : Moderate out	2025 e, Area A	\$15,300 ffected : 100%	5	\$3,700	
Wood	Location Thermally	ted Finish, 1 : Through	, Extent : Moderate			5	\$56,200	
Parapets								
Masonry: Brick			\$7,300 e, Extent : Light, An cout	LIFE rea Affec	* * ted : 15%	5	\$1,300	
Masonry: Limestone		ded, Exteni 1 : Through	t : Light, Area Affec out	LIFE cted : 100	**	5-10	\$15,600	
Roof	1000				<b>*-</b> /	_	***	
Roll Roofing	100%			2025	\$74,000	5	\$30,200	
nterior								
Floors	En			LIPE	* *	F	¢= 000	
Cast in Place Concrete	5%			LIFE	* *	5	\$5,200	
Traffic Topping	10%		¢0.500	2031		5	\$3,000	
Vinyl Tile			\$8,500 Extent : Moderate out	2031 e, Area A	* * ffected : 15%	3	\$7,600	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$800	
Gypsum Board	15%			LIFE	* *	5-10	\$5,100	
Plaster	70%			LIFE	* *	5-10	\$11,800	
SGFT/Glazed Masonry			Extent : Light, Area	LIFE Affected	* * : 100%	10	\$1,000	
			2nd Floors					
	Explana	tion : Loca	ted In Main Stairw	ell				

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

			A3361#.13	240				
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
iterior								•
Ceilings AcousTileConcealSpLn	Broken/M		\$3,400 hents, Extent : Ligh Vestibule	2039 t, Area A	* * ffected : 5%	5	\$13,400	
Plaster	10%			LIFE	* *	5-10	\$4,100	
Electrical		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Inder 600 Volts Service Equipment Molded Case Bkrs	Location	ı : Electrico	Extent : Light, Area al Room Amp Service	2026 Affected	\$1,500 1 : 100%	5	\$400	
Switchgear / Switchboard Molded Case Bkrs	100%			2026	\$32,000	5	\$400	
Raceway Conduit Conduit	95% 5%			2026 2036	\$29,500 * *	1 1		
Panelboards Molded Case Bkrs Molded Case Bkrs	95% 5%			2025 2034	\$14,100 * *	5 5	\$400	
Wiring Braided Cloth		-	\$22,000 ent : Light, Area Afj out Building	2051 fected : 1	* *	1		
Thermoplastic	20%			2036	* *	1		
round Grounding Devices Generic	100%			LIFE	* *	5	\$500	
ghting Interior Lighting Fluorescent	95% T-12 Lam	ps, Extent :	Light, Area Affecte out Building	2026	\$495,200	10	\$13,900	
Incandescent	5%			2021	\$26,100	2		
Egress Lighting Exit, LED Exit, Service	30% 40%			2041 2026	* * \$900	1 1		
Exit, Battery Exterior Lighting HID	<u> </u>			2026 2026	\$2,200 \$59,500	10	\$300	
larm					<i>+,-</i> 00	~		

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

leatrical								
lectrical		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
larm								
Security System								
Generic	100%			2031	* *	1	\$5,900	
			Extent : Light, Area	Affected	: 100%			
		-	out Building					
	Explana	tion : Cctv	Only					
Fire/Smoke Detection	100%	0-2	\$162,200	2036	* *			
Generic, Analog			\$163,200 Extent : Light, Area					
			out Building	Ајјестей	. 10070			
		-	ated - Very Old Fir	e Alarm	System			
	Елриани							
lechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component	% of		Estimated Cost		Estimated Cost	•	Estimated Cost	Priori
Туре	Total	(Years)		FY		(Yrs)		
eating								
Energy Source								
Electricity	30%			2046	* *	1		
-	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	e: Roof						
	Explana	tion : Elect	ric Coil In Roof To	p Unit				
Natural Gas	70%			2046	* *	1		
Conversion Equipment								
Furnace	30%			2026	\$5,800	1	\$2,400	
Hot Water Boiler	70%			2031	* *	1	\$5,500	
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$7,000	
Ductwork/Diffusers Hot Wtr Piping/Pump	50% 50%			LIFE 2042	* * * *	2-5 4	\$7,000 \$600	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices	50%			2042		-	\$600	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler	50% 70%			2042 2026	* *	4	\$600 \$6,900	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	50%			2042	* *	4	\$600	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning	50% 70%			2042 2026	* *	4	\$600 \$6,900	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source	50% 70% 30%			2042 2026 2031	* * \$59,500 * *	4	\$600 \$6,900	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity	50% 70%			2042 2026	* *	4	\$600 \$6,900	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment	50% 70% 30% 100%			2042 2026 2031 2042	** \$59,500 ** **	4	\$600 \$6,900 \$1,500	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Cooling	50% 70% 30% 100% 30%			2042 2026 2031 2042 2026	** \$59,500 ** ** \$21,800	4 1 1 1 2	\$600 \$6,900 \$1,500 \$300	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Cooling Ext Pkg Unit -	50% 70% 30% 100%			2042 2026 2031 2042	** \$59,500 ** **	4	\$600 \$6,900 \$1,500	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Cooling Ext Pkg Unit - Heating/Cooling	50% 70% 30% 100% 30% 60%			2042 2026 2031 2042 2026 2026	** \$59,500 ** ** \$21,800	4 1 1 1 2	\$600 \$6,900 \$1,500 \$300	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Cooling Ext Pkg Unit - Heating/Cooling Split Unit	50% 70% 30% 100% 30%			2042 2026 2031 2042 2026	** \$59,500 ** ** \$21,800 \$62,300	4 1 1 1 2	\$600 \$6,900 \$1,500 \$300	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling Split Unit Distribution	50% 70% 30% 100% 30% 60% 10%			2042 2026 2031 2042 2026 2026 2026 2031	** \$59,500 ** ** \$21,800 \$62,300	4 1 1 1 2 2	\$600 \$6,900 \$1,500 \$300 \$600	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Cooling Ext Pkg Unit - Heating/Cooling Split Unit Distribution Ductwork/Diffusers	50% 70% 30% 100% 30% 60%			2042 2026 2031 2042 2026 2026	** \$59,500 ** ** \$21,800 \$62,300 **	4 1 1 1 2	\$600 \$6,900 \$1,500 \$300	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Cooling Ext Pkg Unit - Heating/Cooling Split Unit Distribution Ductwork/Diffusers Terminal Devices	50% 70% 30% 100% 30% 60% 10% 100%			2042 2026 2031 2042 2026 2026 2026 2031 LIFE	** \$59,500 ** ** \$21,800 \$62,300 ** **	4 1 1 2 2 2	\$600 \$6,900 \$1,500 \$300 \$600	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Cooling Ext Pkg Unit - Heating/Cooling Split Unit Distribution Ductwork/Diffusers Terminal Devices Direct Expansion	50% 70% 30% 100% 30% 60% 10% 100%			2042 2026 2031 2042 2026 2026 2026 2031	** \$59,500 ** ** \$21,800 \$62,300 **	4 1 1 1 2 2	\$600 \$6,900 \$1,500 \$300 \$600	
Ductwork/Diffusers         Hot Wtr Piping/Pump         Terminal Devices         Air Handler         Convector/Radiator         ir         Conditioning         Energy Source         Electricity         Conversion Equipment         Ext Pkg Unit - Cooling         Ext Pkg Unit -         Heating/Cooling         Split Unit         Distribution         Ductwork/Diffusers         Terminal Devices         Direct Expansion         No Component	50% 70% 30% 100% 30% 60% 10% 100%			2042 2026 2031 2042 2026 2026 2026 2031 LIFE	** \$59,500 ** ** \$21,800 \$62,300 ** **	4 1 1 2 2 2	\$600 \$6,900 \$1,500 \$300 \$600	
Ductwork/Diffusers Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Cooling Ext Pkg Unit - Heating/Cooling Split Unit Distribution Ductwork/Diffusers Terminal Devices Direct Expansion	50% 70% 30% 100% 30% 60% 10% 100%			2042 2026 2031 2042 2026 2026 2026 2031 LIFE	** \$59,500 ** ** \$21,800 \$62,300 ** **	4 1 1 2 2 2	\$600 \$6,900 \$1,500 \$300 \$600	

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

#### Asset # : 13248

	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
entilation						
Exhaust Fans						
Roof	100%	2031	* *	2	\$500	
lumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
Water Heater						
Gas Fired	100%	2024	\$3,700	2	\$200	
	Other Observation, Extent : I	ight, Area Affected.	: 100%			
	Location : Boiler Room					
~	Explanation : 1 - 40 Gal Un	uit				
Sanitary Piping	1000/	I IDD	* *			
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	1000/	I IDD	* *			
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	1000/	2021	* *	4	¢1 (00	
Rigid Piping	100%	2031		4	\$1,600	
Sewage Ejector(s)	1000/	2046	* *	4	¢2 500	
Compressed Air	100%	2046	-11-	4	\$2,500	
Backflow Preventer	000/					
No Component Generic	90% 10%	2031	* *	1	\$100	
Generic	10% Other Observation, Extent : I			1	\$100	
	Location : Boiler Room	лgni, Агей Ајјесieй	. 1070			
	Explanation : Boilers Only					
Fixtures	Explanation . Bollers Only					
Generic	100%					
Tertical Transport	10070					
Elevators						
Hydraulic	100%	LIFE	* *			
Tryutautic	Other Observation, Extent : 1					
	Location : Basement to 2nd	0 00	. 100/0			
		1 1001				
	Explanation : One Unit					

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

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

### Print Date: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$185,300	
Interior Architecture		\$25,900
Mechanical		\$218,000
Total	\$185,300	\$243,900
Importance Code A	\$185,300	
Importance Code B		\$243,900
Total	\$185,300	\$243,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$47,800			
Interior Architecture	\$59,200		\$6,700	\$2,300
Electrical	\$700	\$200	\$200	\$200
Mechanical	\$11,700	\$9,300	\$6,200	\$8,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$123,300	\$13,400	\$17,100	\$15,100
Importance Code A	\$48,900	\$1,100	\$1,100	\$1,100
Importance Code B	\$48,800	\$12,400	\$16,100	\$12,900
Importance Code C	\$25,700			\$1,200
Total	\$123,300	\$13,400	\$17,100	\$15,100



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 # : 4202

Architecture		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	85%	Now	¢129 600	LIFE	* *	5	¢22 200	
Masonry: Brick			\$138,600 Extent : Moderate			5	\$23,200	
	-	: Southwe		, 11/0u 11j	<i>Jeelea</i> : 2070			
	Diagonal	Cracks, Ex	tent : Moderate, Ar	rea Affect	ted : 10%			
	Location	: South Fa	acade					
	Vertical C	racks, Exte	ent : Moderate, Are	a Affecte	d : 10%			
	Location	: Chimney	,					
Masonry: Limestone	5%			LIFE	* *	5	\$2,000	
Pre-Cast Concrete	10%	Now	\$8,900	LIFE	* *	5	\$8,900	
			d, Extent : Moderat	te, Area A	Affected : 25%			
		: Building	Base Moderate, Area Aj	factod	250/			
	-	: Building	-	ijecieu	2.370			
Windows								
Aluminum	93%	Now	\$46,700	2042	* *	5	\$2,800	
		-	ients, Extent : Ligh	t, Area A	ffected : 10%			
		: Through						
			ct, Extent : Modera	ite, Area	Affected : 20%			
		: Through	out					
Glass Block	2%		¢1.000	LIFE	* * *	5	\$200	
Metal Louvers	5% Correction	Now	\$1,800 Extent : Moderate, A	2029 A rea Affa				
		: South Fa		ireu Ajje	cieu . 2070			
			Extent : Moderate,	Area Afi	fected : 20%			
		: South Fa		555 55				
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	\$39,800	
Metal Panel	5%			2046	* *	5	\$1,300	
Pre-Cast Concrete	5%			LIFE	* *	5	\$4,100	
Roof	93%			2021	* *	10	\$21,000	
Built-Up (BUR) Skylight, Metal/Glass	93% 5%			2031 2046	* *	10	\$21,000 \$3,800	
Skylight, Metal/Glass	2%			2040	* *	10	\$1,500	
nterior	270			2000		10	<i>\\\\\\\\\\\\\</i>	
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$6,700	
Ceramic Tile	5%			2035	* *	5	\$1,500	
Terrazzo	5%			LIFE	* *	5	\$2,400	
Vinyl Tile	75%			2031	* *	3	\$8,700 \$1,500	
Vinyl Tile	10%			2026	\$25,900	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.

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

#### Asset # : 4202

Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior	•							
Interior Walls								
Ceramic Tile	5%			2035	* *	5	\$2,300	
Concrete Masonry Unit	10%			LIFE	* *	5	\$3,700	
Glass: Single Pane	5%			LIFE	* *	5	\$3,500	
Gypsum Board	10%			LIFE	* *	5-10	\$7,900	
Masonry: Brick	5%			LIFE	* *	10	\$700	
Marble Panels	5%			LIFE	* *	10	\$900	
Plaster	55%			LIFE	* *	5-10	\$21,700	
Plaster	5%			LIFE	* *	5-10	\$2,000	
Ceilings								
AcousTileSusp.Lay-In	25%			2039	* *	5	\$7,700	
Gypsum Board	10%			LIFE	* *	5-10	\$10,600	
Plaster	65%			LIFE	* *	5-10	\$34,400	
							,	
Electrical		Current I	Repair	Futur	e Replacement	M	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Component	Total	(Years)	Louinatea Cost	FY	Listinuted Cost	(Yrs)	Listimuteu Cost	1 1 101 1
Туре		· · · ·						
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	\$100	
			Extent : Moderate, A	Area Affe	cted : 100%			
		1 : Electrico						
	Explana	tion : One .	1200 Amps Main D	isconnec	t Switch			
Switchgear / Switchboard								
Fused Disc Sw	60%							
				2046	* *	5	\$100	
Molded Case Bkrs	40%			2046 2036	* * * *	5 5	\$100 \$200	
Molded Case Bkrs Raceway								
Raceway	40%			2036	* *	5		
Raceway Conduit	40%			2036 2026	* *	5 1		
Raceway Conduit Conduit	40%			2036 2026	* *	5 1		
Raceway Conduit Conduit Panelboards	40% 70% 30%			2036 2026 2046	* * \$21,700 * *	5 1 1	\$200	
Raceway Conduit Conduit Panelboards Fused Disc Sw	40% 70% 30% 10%			2036 2026 2046 2042	** \$21,700 **	5 1 1 5	\$200	
Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs	40% 70% 30% 10% 70%			2036 2026 2046 2042 2042	** \$21,700 ** ** **	5 1 1 5 5	\$200 \$100 \$400	
Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring	40% 70% 30% 10% 70% 20%			2036 2026 2046 2042 2042 2025	** \$21,700 ** ** **	5 1 1 5 5	\$200 \$100 \$400	
Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic	40% 70% 30% 10% 70%			2036 2026 2046 2042 2042	** \$21,700 ** ** \$4,400 **	5 1 1 5 5 5 5	\$200 \$100 \$400	
Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic Thermoplastic	40% 70% 30% 10% 70% 20% 80%			2036 2026 2046 2042 2042 2025 2046	** \$21,700 ** ** ** \$4,400	5 1 1 5 5 5 5 1	\$200 \$100 \$400	
Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic Thermoplastic Motor Controllers	40% 70% 30% 10% 70% 20% 80% 20%			2036 2026 2046 2042 2042 2025 2046 2026	** \$21,700 ** ** \$4,400 **	5 1 1 5 5 5 5 1 1	\$200 \$100 \$400 \$100	
Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic Thermoplastic Motor Controllers Locally Mounted	40% 70% 30% 10% 70% 20% 80%			2036 2026 2046 2042 2042 2025 2046	** \$21,700 ** ** \$4,400 ** \$5,500	5 1 1 5 5 5 5 1	\$200 \$100 \$400	
Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic Thermoplastic Motor Controllers Locally Mounted Ground	40% 70% 30% 10% 70% 20% 80% 20%			2036 2026 2046 2042 2042 2025 2046 2026	** \$21,700 ** ** \$4,400 ** \$5,500	5 1 1 5 5 5 5 1 1	\$200 \$100 \$400 \$100	
Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic Thermoplastic Motor Controllers Locally Mounted Ground Grounding Devices	40% 70% 30% 10% 70% 20% 80% 20% 100%			2036 2026 2046 2042 2042 2025 2046 2026 2039	** \$21,700 ** ** \$4,400 ** \$5,500	5 1 1 5 5 5 1 1 1 5	\$200 \$100 \$400 \$100 \$100	
Raceway         Conduit         Conduit         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted         Ground         Grounding Devices         Generic	40% 70% 30% 10% 70% 20% 80% 20% 100%			2036 2026 2046 2042 2042 2025 2046 2026 2039 LIFE	** \$21,700 ** ** \$4,400 ** \$5,500 **	5 1 1 5 5 5 1 1 1 5 5	\$200 \$100 \$400 \$100 \$100 \$300	
Raceway         Conduit         Conduit         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted         Ground         Generic         Generic	40% 70% 30% 10% 70% 20% 80% 20% 100% 50% 50%		Sxtent : Moderate. 4	2036 2026 2046 2042 2042 2025 2046 2026 2039 LIFE LIFE	** \$21,700 ** ** \$4,400 ** \$5,500 ** **	5 1 1 5 5 5 1 1 1 5	\$200 \$100 \$400 \$100 \$100	
Raceway         Conduit         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted         Ground         Generic         Generic	40% 70% 30% 10% 70% 20% 80% 20% 100% 50% 50% 0ther Ob:		Extent : Moderate, A	2036 2026 2046 2042 2042 2025 2046 2026 2039 LIFE LIFE	** \$21,700 ** ** \$4,400 ** \$5,500 ** **	5 1 1 5 5 5 1 1 1 5 5	\$200 \$100 \$400 \$100 \$100 \$300	

#### 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

Electrical	Current Repair	Future Repl	acement	M		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estim FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	77%	2031	* *	10	\$15,400	
	Other Observation, Extent : Mod	erate, Area Affected : .	100%			
	Location : Throughout					
	Explanation : T-8 Lamps					
Fluorescent	20%	2031	* *	10	\$4,000	
	Other Observation, Extent : Mod	erate, Area Affected : .	100%			
	Location : 2nd Floor Hallway,	Basement Storage And	Hallway			
	Explanation : 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	
Alarm						
Security System						
No Component	80%					
Generic	20%	2031	* *	1	\$1,600	
Fire/Smoke Detection						
No Component	80%					
Generic, Analog	20%	2031	* *			
Mechanical	Current Repair	Future Repl	acement	M	aintenance	
System	% of Fail Date Estimated	Cost Year Estin	nated Cost	Cycle	Estimated Cost	Priority

Mechanical	Current Repair	Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source							
Natural Gas	100%	2036	* *	1			
Conversion Equipment							
Hot Water Boiler	100%	2043	* *	1	\$10,800		
	Other Observation, Extent : Li	ght, Area Affected	: 100%				
	Location : Basement						
	Explanation : One Unit						
Distribution							
Hot Wtr Piping/Pump	100%	2048	* *	4	\$1,100		
	Recent Replace Evident, Exten	t : Light, Area Affe	ected : 100%				
	Location : Basement						
Terminal Devices							
Air Handler	40%	2026	\$46,600	1	\$5,400		
Air Handler	20%	2034	* *	1	\$2,700		
Convector/Radiator	40%	2031	* *	1	\$2,800		
Air Conditioning							
Energy Source							
Electricity	100%	2042	* *	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 # : 4202

Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment Reciprocating Compr/Chiller	100%			2026	\$73,300	1	\$10,100	
compil chinici		igerant, Ext 1 : Basemen	tent : Light, Area A t	ffected :	100%			
Distribution								
Chilled Wtr Pipe/Pump	80%			2036	* *	4	\$900	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	60%			2026	\$55,000	1	\$8,100	
Air Handler/Cool/Ht	20%			2031	* *	1	\$2,700	
Fan Coil - Cool/Heat	20%			2031	* *	1	\$1,400	
Heat Rejection								
Air Condenser Unit	100%			2026	\$43,100	2	\$15,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$19,200	
Exhaust Fans								
Roof	100%			2034	* *	2	\$700	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2036	* *	1		
Galv Iron/Steel	80%			2031	* *	1		
Water Heater								
Electric	100%			2025	\$3,300	4	\$200	
		place Evide 1 : Basemen	ent, Extent : Light, t	Area Aff	ected : 100%			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2034	* *	4	\$2,500	
	Recent Re	place Evide	ent, Extent : Light,	Area Aff	ected : 100%			
	Locatior	ı : Basemen	et					
Sewage Ejector(s)								
Electric	100%			2026	\$11,000	4	\$2,500	
Backflow Preventer								
Generic	100%	0-2	\$100	2034	* *	1	\$1,200	
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	n : Basemen	et					
	Explana	tion : Sligh	t Leak					
Fixtures		3						
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 # : 4202

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 : B-2			
	Explanation : 1 Unit			

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

#### Print Date: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$128,400
Electrical		\$468,600
Mechanical		\$142,100
Total		\$739,100
Importance Code A		\$128,400
Importance Code B		\$610,700
Total		\$739,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$25,700		\$7,400	
Interior Architecture	\$37,300	\$900		\$2,100
Electrical	\$400	\$600	\$500	\$500
Mechanical	\$1,000	\$1,200	\$4,700	\$1,300
Total	\$64,400	\$2,600	\$12,600	\$3,900
Importance Code A	\$26,300	\$600	\$8,000	\$600
Importance Code B	\$38,100	\$1,600	\$4,500	\$3,300
Importance Code C		\$400		
Total	\$64,400	\$2,600	\$12,600	\$3,900



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

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

#### Asset # : 13249

			A55el # . 13	243				
Architecture		Current Repair Future Replacement			М	Maintenance		
ystem 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	\$1,100	
Masonry: Brick	87%			LIFE	* *	5	\$15,900	
Pre-Cast Concrete	3%		\$1,800	LIFE	* *	5	\$1,800	
		r Miss/Erod 1 : Window	l, Extent : Moderat Sills	e, Area A	Affected : 50%			
Windows						_		
Glass Block	50%			LIFE	* *	5	\$2,000	
Steel	50%			2032	* *	5	\$39,300	
Parapets						_	<b>** *</b> **	
Masonry: Brick	90%		<b>* 1 2</b> 00	LIFE	* *	5	\$2,500	
Metal Panel	10%		\$4,300	2044	* *	5	\$500	
		-	ents, Extent : Seve oping At East Side	re, Area	Affected : 25%			
	Locallor	i : Melai Co	ping Al East Stae					
Roof Modified Bitumen	25%			2029	* *	10	\$7.400	
Modified Bitumen	23% 75%			2029	\$128,400	10	\$7,400 \$22,300	
terior	73%			2024	\$126,400	10	\$22,300	
Floors								
Ceramic Tile	5%			2033	* *	5	\$900	
Vinyl Tile	95%			2033	* *	3	\$8,600	
Interior Walls	2070			2027		5	φ0,000	
Ceramic Tile	5%			2033	* *	5	\$800	
Gypsum Board	95%			LIFE	* *	5	\$9,300	
Ceilings	,.,,						+> ,= • •	
AcousTileConcealSpLn	20%	Now	\$28,900	2044	* *	5	\$2,300	
I I I I I I I I I I I I I I I I I I I		issing Elem	ents, Extent : Mod		ea Affected : 20%	-	· · · · ·	
		ı : Mezzani			55			
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 25%			
	Location	ı : Mezzani	ne	· · ·	•			
AcousTileSusp.Lay-In	70%			2037	* *	5	\$12,600	
Gypsum Board	10%			LIFE	* *	5	\$2,300	
	10/0					5	\$ <b>2,</b> 300	
lectrical		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component	% of		<b>Estimated</b> Cost		Estimated Cost		<b>Estimated</b> Cost	Priorit
Туре	Total	(Years)		FY		(Yrs)		
nder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$1,500	5	\$100	
			xtent : Moderate, A			U	<b>\$100</b>	
		ı : Electrica		55 -				
	Locuitor	i. Diccinice						
			Service Switch Ra	ted @ 40	0 Amperes			
Raceway				ted @ 40	0 Amperes			
Raceway Conduit		tion : Main		ted @ 40 2024	00 Amperes \$28,000	1		

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

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

#### Asset # : 13249

A55et # 1 15245										
Electrical	Current Repair	Futur	e Replacement	Μ	aintenance					
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Inder 600 Volts										
Panelboards	100/	20.40	de de	_						
Molded Case Bkrs	10%	2040	* * ¢12 200	5	¢200					
Molded Case Bkrs	90%	2023	\$13,300	5	\$300					
Wiring Thermoplastic	90%	2024	\$24,700	1						
Thermoplastic	10%	2024	\$24,700	1						
ighting	1070	2011		1						
Interior Lighting										
Fluorescent	40%	2024	\$157,700	10	\$4,400					
	T-8 Lamps, Extent : Moderat	te, Area Affected : 10	00%							
	Location : Throughout The	Building								
Fluorescent	5%	2024	\$19,700	10	\$600					
	Other Observation, Extent :	Moderate, Area Affe	cted : 100%							
	Location : 1st Floor									
	Explanation : Compact Flu	orescent Light Fixti	ires							
Fluorescent	55%	2024	\$216,900	10	\$6,100					
	T-12 Lamps, Extent : Modere	ate, Area Affected : .	100%							
	Location : Throughout The	Building								
Egress Lighting										
Emergency, Service	50%	2024	\$2,900	1						
Exit, Service	50%	2024	\$900	1						
Exterior Lighting										
Fluorescent	100%	2024	\$38,200	10	\$1,100					
	Other Observation, Extent :	Moderate, Area Affe	cted : 100%							
	Location : Outside									
1	Explanation : Compact Flu	orescent Light Fixti	ires							
Alarm										
Security System Generic	100%	2024	\$36,100	1	\$4,500					
Generie	Other Observation, Extent :			1	φ <del>4</del> ,500					
	Location : Throughout The		cicu : 10070							
	Explanation : Cctv Surveill									
	Ziquinanin'i Ceri Sui (en									
Mechanical	Current Repair	Futur	e Replacement	М	aintenance					
System	% of Fail Date Estim	ated Cost Vear	Estimated Cost	Cycle	Estimated Cost	Priority				
Component	Total (Years)	FY		(Yrs)						
Туре										
Heating										
Energy Source	1000/	2044	* *	1						
Natural Gas	100%	2044	ጥ ጥ	1						

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

#### Asset # : 13249

Mechanical	Cu	rrent Repair	Futur	e Replacement	Μ	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Conversion Equipment							
Furnace	40%		2024	\$5,800	1	\$2,400	
	Other Observat	ion, Extent : Light, Area	Affected	: 40%			
	Location : Roo	5					
	Explanation :	2 Roof Top Package Un	its				
Hot Water Boiler	60%		2037	* *	1	\$3,600	
		tion, Extent : Light, Area t Floor Boiler Room 1 Unit	Affected	': 60%			
Distribution	1						
Hot Wtr Piping/Pump	60%		2032	* *	4	\$400	
No Component	40%					, , , , , , , , , , , , , , , , , , , ,	
Terminal Devices							
Air Handler	30%		2024	\$19,300	1	\$2,200	
Convector/Radiator	30%		2022	\$33,800	1	\$1,200	
No Component	40%						
Air Conditioning							
Energy Source							
Electricity	100%		2032	* *	1		
<b>Conversion Equipment</b>							
Int Pkg Unit -	40%		2022	\$95,000	2	\$300	
Heating/Cooling							
		nt, Extent : Light, Area A	ffected :	40%			
		Floor Mech Room					
Ext Pkg Unit -	60%		2024	\$47,200	2	\$400	
Heating/Cooling							
		nt, Extent : Light, Area A	ffected :	60%			
	Location : 2 U	Inits On Roof					
Ventilation							
Distribution	10004				a -	* <b>* *</b> **	
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,700	
Exhaust Fans	2004		2024	<b>#</b> 4 000	2	<b>#100</b>	
Interior	30%		2024	\$4,000	2	\$100	
Roof	70%		2024	\$6,600	2	\$300	
Plumbing							
H/C Water Piping	1000/		2024	* *	1		
Brass/Copper Water Heater	100%		2034	-1- 7	1		
Gas Fired	100%		2019	\$2,800	2	\$200	
Sanitary Piping	100%		2019	\$2,000	2	\$200	
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	100/0				1		
Cast Iron	100%		LIFE	* *	1		
Fixtures	10070			· · · · · · · · · · · · · · · · · · ·	1		
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: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

#### CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			\$2,400	\$100
Interior Architecture	\$2,600		\$800	\$1,900
Electrical	\$1,300	\$1,000	\$1,000	\$1,300
Mechanical	\$900	\$1,000	\$1,600	\$900
Total	\$4,700	\$2,000	\$5,800	\$4,200
Importance Code A	\$600	\$600	\$2,900	\$700
Importance Code B	\$3,900	\$1,500	\$2,900	\$3,500
Importance Code C	\$200			
Total	\$4,700	\$2,000	\$5,800	\$4,200



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 FORT HAMILTON BRANCH LIBRARY

#### Asset # : 13250

		Repair	Future Replacement Maintenance				
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
65%				* *	5		
25%					5	\$6,400	
		-	a Affecte	ed : 100%			
Location	: 2011 Ad	dition					
5%			LIFE	* *	5	\$1,000	
5%			2044	* *	5-10	\$8,800	
98%			2046	* *	5	\$600	
Recent Rep	place Evide	ent, Extent : Light, I	Area Affe	ected : 100%			
Location	: Through	out					
2%			2033	* *	10	\$100	
						+	
20%			LIFE	* *	5	\$200	
				* *			
					-	+	
30%			2024	\$22,700	10	\$5.000	
				**			
	nstruction.	Extent : Light, Are		ed : 100%		+=,==	
			55				
40%			LIFE	* *			
+070							
5%			2037	* *	5	\$800	
				* *			
				* *			
570			2037		5	φ1,000	
5%			2037	* *	5	\$500	
				* *			
				* *			
7070					5	$\psi_{2},100$	
35%			2041	* *	5	\$700	
				* *	5	Ψ700	
				* *	5	\$300	
				* *			
	Total           65%           25%           Recent Co           Location           5%           98%           Recent Rep           Location           20%           5%           30%           30%           Recent Co	Total         (Years)           65%         25%           Recent Construction,         Location : 2011 Add           5%         5%           98%         Recent Replace Evide           Location : Through         2%           20%         5%           30%         30%           30%         30%           S%         5%           5%         5%           5%         5%           5%         5%           5%         5%           5%         5%           5%         5%           5%         5%           5%         5%           5%         5%           5%         5%           5%         5%           5%         5%           5%         5%           5%         5%           15%         30%	Total         (Years)           65%         25%           Recent Construction, Extent : Light, Are         Location : 2011 Addition           5%         5%           98%         Secent Replace Evident, Extent : Light, Are           Location : Throughout         2%           20%         5%           75%         30%           30%         30%           30%         30%           30%         5%           5%         5%	Total (Years)FY $65\%$ LIFE $25\%$ LIFERecent Construction, Extent : Light, Area AffecteLocation : 2011 Addition $5\%$ LIFE $5\%$ 2044 $98\%$ 2046Recent Replace Evident, Extent : Light, Area AffecteLocation : Throughout $2\%$ 2033 $20\%$ LIFE $5\%$ 2050 $75\%$ 2050 $30\%$ 2024 $30\%$ 2024 $30\%$ 2032Recent Construction, Extent : Light, Area AffecteLocation : 2011 Addition $40\%$ LIFE $5\%$ 2037 $90\%$ 2032 $5\%$ 2037 $5\%$ 2037 $5\%$ 2037 $25\%$ LIFE $70\%$ LIFE $35\%$ 2041 $5\%$ LIFE $35\%$ LIFE $30\%$ LIFE $30\%$ LIFE	Total (Years)         FY $65\%$ LIFE         ** $25\%$ LIFE         **           Recent Construction, Extent : Light, Area Affected : 100%         Location : 2011 Addition $5\%$ LIFE         ** $98\%$ 2046         ** $98\%$ 2046         ** $20044$ ** $98\%$ 2046         ** $200\%$ LIFE         ** $20\%$ 2033         ** $20\%$ 2033         ** $20\%$ 2033         ** $20\%$ 2033         ** $20\%$ 2033         ** $30\%$ 2024         \$22,700 $30\%$ 2024         \$22,700 $30\%$ 2032         ** $75\%$ 2037         ** $90\%$ 2032         ** $5\%$ 2037         ** $5\%$ 2037         ** $5\%$ 2037         ** $5\%$ 2037         **	Total (Years)         FY         (Yrs) $65\%$ LIFE         **         5 $25\%$ LIFE         **         5           Recent Construction, Extent : Light, Area Affected : 100%         Location : 2011 Addition         100% $5\%$ LIFE         **         5 $5\%$ 2044         **         5 $5\%$ 2046         **         5           Recent Replace Evident, Extent : Light, Area Affected : 100%         Location : Throughout         2 $20\%$ 2033         **         10 $20\%$ 2033         **         10 $20\%$ 2033         **         10 $20\%$ 2032         **         5 $30\%$ 2024         \$22,700         10 $30\%$ 2032         **         10           Recent Construction, Extent : Light, Area Affected : 100%         Location : 2011 Addition $40\%$ LIFE         **         5 $5\%$ 2037         **         5 $5\%$ 2037         **         5 $5\%$ 2037	Total (Years)         FY         (Yrs)           65%         LIFE         **         5         \$16,600           25%         LIFE         **         5         \$6,400           Recent Construction, Extent : Light, Area Affected : 100%           Location : 2011 Addition         5%         LIFE         **         5         \$1,000           5%         2044         **         5         \$1,000           5%         2046         **         5         \$6,000           Recent Replace Evident, Extent : Light, Area Affected : 100%         Location : Throughout         10         \$100           20%         LIFE         **         5         \$200           75%         2050         **         5         \$200           30%         2024         \$22,700         10         \$5,000           30%         2032         **         10         \$5,000           30%         2032         **         10         \$5,000           30%         2037         **         5         \$800           90%         2032         *         3         \$7,600           5%         2059         *         5         \$1,600

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

Under 600 Volts

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

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

## BROOKLYN PUBLIC LIBRARY - 038 FORT HAMILTON BRANCH LIBRARY

#### Asset # : 13250

Electrical	Current Repair	Future Replaceme	ent	Μ	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2050	* *	5		
	Other Observation, Extent : Modera	ite, Area Affected : 100%				
	Location : Basement	D = ( = 1 @ 100 A =======				
$\mathbf{C}$ is the set $(\mathbf{C})$ is the set $\mathbf{I}$	Explanation : Main Service Switch	n Rated @ 400 Amperes				
Switchgear / Switchboard Fused Disc Sw	100%	2050	* *	5		
Raceway	10070	2030		5		
Conduit	100%	2050	* *	1		
Panelboards	100/0	2000		-		
Molded Case Bkrs	100%	2046	* *	5	\$300	
Wiring						
Thermoplastic	100%	2050	* *	1		
Motor Controllers						
Locally Mounted	100%	2041	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Lighting						
Interior Lighting	500/	2022	* *	10	ф <b>г. 2</b> 00	
Fluorescent	50% T. 8 Lawrence, Enternal & Mandamata, Ama	2032	* *	10	\$5,200	
	T-8 Lamps, Extent : Moderate, Arec Location : Basement	i Ajječied : 100%				
		2022	* *	10	<b>* = 2</b> 00	
Fluorescent	50%	2032	* *	10	\$5,200	
	Other Observation, Extent : Modera Location : 1st Floor	ite, Area Affectea : 100%				
	Explanation : Compact Fluoresce	nt Light Fixtures				
Egress Lighting	Explanation . Compact Fluoresce	ni Ligni Fixiures				
Egress Lighting Emergency, Battery	50%	2032	* *	10	\$1,400	
Exit, Service	50%	2032	* *	1	φ1,100	
Exterior Lighting	50%	2002		1		
HID	100%	2032	* *	10		
Alarm				-		
Security System						
Generic	100%	2032	* *	1	\$4,200	
	Other Observation, Extent : Modera	tte, Area Affected : 100%				
	Location : Inside And Outside The	Building				
	Explanation : C C T V Surveillan	ce Cameras				
Fire/Smoke Detection						
Generic	100%	2032	* *	1-3	\$7,100	
	Other Observation, Extent : Modera					
	Location : Throughout The Buildi	-	<i>a</i> .			
	Explanation : Strobe Lights, Smok	e Detectors, Manual Pull	Static	on And A	larm Bells	

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

#### Asset # : 13250

ASSet # : 13250									
Mechanical	Current R	epair	Future	Replacement	Maintenance				
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit		
leating									
Energy Source									
Natural Gas	100% Now Other Observation, Ex Location : Basement		2044 a Affected	* * l : 100%	1				
	Explanation : There		Gas Mete	er Room					
Conversion Equipment	Explanation . There	Is no Air Veni In	Ous mere	T KOOM					
Furnace	65%		2032	* *	1	\$3,600			
T utilace	Other Observation, Ex	tent : Light Area		· 65%	1	ψ5,000			
	Location : Roof	lieni - Eigni, IIreu	ngjeereu						
	Explanation : 2 New	Package Units							
Hot Water Boiler	35%	Tuckage Onlis	2041	* *	1	\$1,900			
Hot water Boller	Other Observation, E	rtent · Light Area			1	\$1,900			
	Location : Basement	0	Ајјестей	. 5570					
	Explanation : 1 Unit								
Distribution	Explanation . 1 Onli								
Hot Wtr Piping/Pump	35%		2046	* *	4	\$300			
No Component	65%		2010		•	φ300			
Terminal Devices	0070								
Convector/Radiator	35%		2041	* *	1	\$1,300			
No Component	65%		2011		1	ψ1,500			
ir Conditioning	0070								
Energy Source									
Electricity	100%		2040	* *	1				
Conversion Equipment									
Ext Pkg Unit -	100%		2032	* *	2	\$700			
Heating/Cooling									
6 6 6	R-134a Refrigerant, E	xtent : Light, Area	a Affected	: 100%					
	Location : Roof								
	Other Observation, Ex	xtent : Light, Area	Affected	: 100%					
	Location : Roof	-							
	Explanation : 2 New	Package Units							
entilation									
Distribution									
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,300			
Exhaust Fans									
Roof	100%		2032	* *	2	\$300			
lumbing									
H/C Water Piping									
Brass/Copper	100%		2050	* *	1				
Water Heater									
Gas Fired	100%		2023	\$2,600	2	\$200			
Sanitary Piping									
Cast Iron	100%		LIFE	* *	1				
Storm Drain Piping									
Cast Iron	100%		LIFE	* *	1				
Fixtures									
Generic	100%								

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

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

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

#### **BROOKLYN PUBLIC LIBRARY - FY 2016** Print Date: 23-Oct-2015

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$113,700	\$42,600
Total	\$113,700	\$42,600
Importance Code A	\$113,700	\$42,600
Total	\$113,700	\$42,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$1,900			\$20,100
Interior Architecture	\$14,100			\$1,100
Electrical	\$1,700	\$1,300	\$1,300	\$1,800
Mechanical	\$1,700	\$5,300	\$3,300	\$6,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$23,400	\$10,600	\$8,600	\$32,900
Importance Code A	\$2,800	\$1,000	\$1,000	\$21,100
Importance Code B	\$20,500	\$9,600	\$7,600	\$11,800
Importance Code C				
Total	\$23,400	\$10,600	\$8,600	\$32,900

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

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

#### Asset # : 14461

rchitecture		Current I	Repair	Futur	e Replacement	Maintenance		
zstem 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	\$900	
			Extent : Light, Are	a Affecte	ed : 100%			
	Location	ı : Through	out					
Metal Panel	80%			2050	* *	5-10	\$156,300	
Window Wall	15%			2050	* *	5	\$16,000	
Windows								
Aluminum	95%			2046	* *	5	\$5,700	
Metal Louvers	5%			2037	* *	10	\$1,900	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	\$1,600	
Masonry: Limestone	10%			LIFE	* *	5	\$200	
Metal Rail	5%			2041	* *	5-10	\$1,700	
Roof								
Single Ply Membrane	80%			2032	* *	10	\$14,500	
Skylight, Metal/Glass	20%			2050	* *	10	\$12,100	
erior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$3,300	
Ceramic Tile	5%			2037	* *	5	\$1,500	
Panel/Paver: Cer/Brk	5%			2046	* *	5	\$3,400	
Sheet Vinyl/Rubber	55%			2032	* *	5	\$24,600	
Vinyl Tile	30%			2032	* *	3	\$4,500	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$700	
Gypsum Board	80%			LIFE	* *	5	\$17,200	
Plaster	10%			LIFE	* *	5	\$1,100	
Wood	5%			LIFE	* *	5	\$7,200	
Ceilings								
AcousTileSusp.Lay-In	10%			2041	* *	5	\$3,000	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	45%			LIFE	* *	5	\$16,800	
Plaster	40%			LIFE	* *	5	\$7,400	

Electrical	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

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 vears is not included in this report.

#### Asset # : 14461

Electrical		Current	Repair	Futur	e Replacement	М	aintenance					
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Inder 600 Volts												
Service Equipment												
Fused Disc Sw	50%			2050	* *	5						
	Location Expland	n : Electrico ution : One	Extent : Moderate, A al Room 1600 Amps Main D	Disconnec	t Switch							
Fused Disc Sw	Location	servation, H n : Electrice	Extent : Moderate, A al Room 100 Amps Main Di.			5						
Switchgear / Switchboard	Ехріана	llion : One	100 Amps Main Di.	sconneci	Swiich For Emerg	ency						
Fused Disc Sw	100%			2050	* *	5	\$100					
Raceway Conduit	100%			2050	* *	1						
Panelboards												
Fused Disc Sw	5%			2046	* *	5						
Molded Case Bkrs	95%			2046	* *	5	\$500					
Wiring Thermoplastic	100%			2050	* *	1						
Motor Controllers												
Locally Mounted	50%			2041	* *	5	\$100					
Motor Control Center	50%			2041	* *	5	\$300					
round Grounding Devices												
Generic	100%			LIFE	* *	5	\$300					
ighting Interior Lighting												
Fluorescent	10%			2032	* *	10	\$1,800					
			Moderate, Area Aff , Lobby & Meeting		00%							
Fluorescent	90%			2032	* *	10	\$16,400					
			Moderate, Area Aff out The Building	ected : 10	00%							
Egress Lighting												
Emergency, Battery	50%			2032	* *	10	\$2,400					
Exit, LED	50%			2059	* *	1						
Exterior Lighting HID	100%			2032	* *	10	\$100					
Jarm												
Security System												
No Component	70%											
Generic	30%			2032	* *	1	\$2,200					
Fire/Smoke Detection Generic	100%			2032	* *	1-3	\$12,600					
	/0					-	, -=,					

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 vears is not included in this report.

#### Asset # : 14461

ASSet # : 14401										
Mechanical	Current	Repair	Future	Replacement	nt Maintenance					
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit			
eating	•									
Energy Source										
Natural Gas	100%		2050	* *	1					
Conversion Equipment										
Furnace	70%		2032	* *	1	\$6,900				
	Other Observation, I Location : 2 Are O Explanation : 3 Pa	n Lower Roof, 1 Is (								
Hot Water Boiler	30%		2041	* *	1	\$3,000				
	Other Observation, I	Extent : Light, Area	Affected :	30%						
	Location : Baseme	nt Boiler Room								
	Explanation : 2 Un	its								
Distribution										
Hot Wtr Piping/Pump	30%		2046	* *	4	\$400				
No Component	70%									
Terminal Devices										
Convector/Radiator	30%		2041	* *	1	\$1,900				
No Component	70%					. ,				
ir Conditioning										
Energy Source										
Electricity	100%		2046	* *	1					
Conversion Equipment										
Ext Pkg Unit - Heating/Cooling	100%		2032	* *	2	\$1,200				
	Other Observation, I	Extent : Light, Area	Affected :	100%						
		n Lower Roof, 1 Is (								
	Explanation : 3 Pa	-	0	0						
Heat Rejection	· · ·									
Air Condenser Unit	100%		2032	* *	2	\$13,900				
	Other Observation, I	Extent : Light, Area		100%		1 - 9				
	Location : Higher I		55							
	Explanation : 3 Un									
entilation	1									
Distribution										
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,100				
Exhaust Fans						. , -				
Roof	100%		2032	* *	2	\$600				
lumbing						•				
H/C Water Piping										
Brass/Copper	100%		2050	* *	1					
Water Heater										
Gas Fired	100%		2023	\$4,600	2	\$300				
Sanitary Piping				• / • •						
Cast Iron	100%		LIFE	* *	1					
Storm Drain Piping					-					
Cast Iron	100%		LIFE	* *	1					
Sewage Ejector(s)	10070				•					
Electric	100%		2032	* *	4	\$1,600				
	10070		2032	`	+	φ1,000				

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 # : 14461

Mechanical	Current Repair	Future Repla	acement	Mai	intenance		
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estim FY		Cycle (Yrs)	Estimated Cost	Priority	
Plumbing							
Backflow Preventer							
Generic	100%	2032	* *	1	\$1,200		
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%	LIFE	* *				
	Other Observation, Extent : Lig	ht, Area Affected : 100%	ó				
	Location : B, 1, 2						
	Explanation : 1 Unit						
Fire Suppression							
Sprinkler							
Generic	100%	2050	* *	1-2	\$5,600		

 

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

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

#### Print Date: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture Electrical	\$139,100	\$150,600 \$45,800
Total	\$139,100	\$196,500
Importance Code A Importance Code B	\$139,100	\$150,600 \$45,800
Total	\$139,100	\$196,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$2,400			
Interior Architecture	\$13,200	\$600		\$2,700
Electrical	\$400	\$400	\$15,400	\$600
Mechanical	\$3,100	\$700	\$4,300	\$1,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$23,000	\$5,700	\$23,600	\$8,700
Importance Code A	\$3,100	\$700	\$800	\$700
Importance Code B	\$19,900	\$5,000	\$22,900	\$8,000
Importance Code C				
Total	\$23,000	\$5,700	\$23,600	\$8,700



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 # : 13254

Architecture		Current	Repair	Futur	re Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%			LIFE	* *	5	\$5,800	
Masonry: Brick	70%	0-2	\$48,800	LIFE	* *	5	\$16,300	
	Jnt Mortar	Miss/Ero	d, Extent : Moderat	e, Area I	Affected : 40%			
	Location	: North, S	outh And East Face	ıde				
	Spalling, E	Extent : Mo	derate, Area Affect	ed : 10%	<i></i>			
	Location	: Through	out					
Masonry: Granite	5%			LIFE	* *	5	\$900	
Windows								
Aluminum	70%	0-2	\$2,400	2032	* *	5	\$300	
	Water Pen	etration, E	xtent : Moderate, A	rea Affe	cted : 30%			
	Location	: West Fa	cade, Staff Work Ro	oom				
Glass Block	30%			LIFE	* *	5	\$200	
Roof								
Modified Bitumen	100%	0-2	\$90,400	2024	\$150,600			1
		xtent : Moo : Through	derate, Area Affecte out	ed : 40%				
	Water Pen	etration, E	Extent : Severe, Area	a Affecte	d : 30%			
	Location	: Through	out					
Interior								
Floors								
Ceramic Tile	5%			2033	* *	5	\$1,100	
Vinyl Tile	95%			2029	* *	3	\$10,700	
Interior Walls								
Gypsum Board	100%			LIFE	* *	5	\$4,500	
Ceilings								
AcousTileSusp.Lay-In	90%			2037	* *	5	\$20,200	
Gypsum Board	10%	Now	\$500	LIFE	* *	5	\$2,800	
	Water Pen	etration, E	xtent : Moderate, A	rea Affe	ected : 5%			

Location : North Side At Mezzanine Below Duct

lectrical	Current Repair	Future Repl	acement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2044	* *	5	\$100	
	Other Observation, Extent : Moderat	te, Area Affected : 1	100%			
	Location : Electrical Room					
	Explanation : 2- 400 Amps					
Switchgear / Switchboard						
Molded Case Bkrs	100%	2044	* *	5	\$400	
Raceway						
Conduit	100%	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.

Asset # : 13254

% of TotalFail Da (Year)2% 98%	nte Estimated Cost s)	Year FY 2040	Estimated Cost	(Yrs)	Estimated Cost	Priority
		2040	* *	_		
		2040	* *	_		
		2040	* *			
98%				5		
		2040	* *	5	\$400	
100%		2044	* *	1		
100%		2037	* *	5	\$100	
100%		LIFE	* *	5	\$200	
Other Observation	ı, Extent : Moderate, A	Area Affe	cted : 100%			
Location : Baser	nent					
Explanation : W	ater Main					
95%		2029	* *	10	\$13,000	
Other Observation	ı, Extent : Moderate, A	Area Affe	cted : 100%			
Location : Throi	ighout The Building					
	1	2029	* *	10		
570		2027		10		
50%		2029	* *	10	\$1,800	
			* *		φ1,000	
5070		2029		1		
100%		2020	* *	10		
10070		2029		10		
000/						
		2024	¢0,000	1	¢1 100	
20%		2024	\$8,900	I	\$1,100	
-						
30%		2024	\$45,800	1-3	\$2,700	
Curre	nt Ronair	Futur	a Panlacament	M	aintenance	
						<b>D</b> • •
		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
100%		2044	* *	1		
100%		2044	* *	1		
100%		2044 2029	* *	1	\$7,400	
100%	1, Extent : Light, Area	2029	* *		\$7,400	
100%	1, Extent : Light, Area	2029	* *		\$7,400	
	100% 100% Other Observation Location : Baser Explanation : W 95% Other Observation Location : Throw Explanation : T- 5% 50% 50% 50% 100% 100% 80% 20% 70% 30% Curre % of Fail Da	100%         100%         Other Observation, Extent : Moderate, A         Location : Basement         Explanation : Water Main         95%         Other Observation, Extent : Moderate, A         Location : Throughout The Building         Explanation : T-8 Lamps         5%         50%         50%         50%         50%         50%         50%         50%         50%         70%         30%         Current Repair         % of Fail Date Estimated Cost	100%2037100%LIFEOther Observation, Extent : Moderate, Area AffeLocation : BasementExplanation : Water Main95%2029Other Observation, Extent : Moderate, Area AffeLocation : Throughout The BuildingExplanation : T-8 Lamps5%202950%202950%202950%2029100%2029100%202920%202470%2024Current RepairFutur% of Fail Date Estimated CostYear	100%2037**100%LIFE**Other Observation, Extent : Moderate, Area Affected : 100% Location : Basement Explanation : Water Main2029**95%2029**Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building Explanation : T-8 Lamps2029**50%2029**50%2029**50%2029**50%2029**100%2029**100%2029**100%2024\$8,90070%30%2024\$45,800Current Repair% of Fail Date Estimated CostYear Estimated Cost	100%         2037         **         5           100%         LIFE         **         5           Other Observation, Extent : Moderate, Area Affected : 100%         Location : Basement         **         5           Location : Basement         Explanation : Water Main         **         10           95%         2029         **         10           Other Observation, Extent : Moderate, Area Affected : 100%         Location : Throughout The Building         **         10           Location : Throughout The Building         Explanation : T-8 Lamps         **         10           50%         2029         **         10           50%         2029         **         10           50%         2029         **         10           50%         2029         **         10           50%         2029         **         10           50%         2029         **         10           80%         20%         2024         \$8,900         1           70%         30%         2024         \$45,800         1-3           Current Repair         Future Replacement         Mage: Current Repair         Kear	100%         2037         **         5         \$100           100%         LIFE         **         5         \$200           Other Observation, Extent : Moderate, Area Affected : 100%         Location : Basement         \$2029         **         10         \$13,000           Other Observation, Extent : Moderate, Area Affected : 100%         2029         **         10         \$13,000           Other Observation, Extent : Moderate, Area Affected : 100%         Location : Throughout The Building         \$13,000           Explanation : Throughout The Building         \$2029         **         10         \$13,000           5%         2029         **         10         \$13,000           50%         2029         **         10         \$13,000           50%         2029         **         10         \$1,800           50%         2029         **         10         \$1,800           50%         2029         **         10         \$1,800           20%         2029         **         10         \$1,100           70%         20%         2024         \$8,900         1         \$1,100           70%         20%         2024         \$45,800         1-3         \$2,700

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 # : 13254

			A3561 # . 13					
Mechanical	С	urrent R	epair	Future	Replacement	Μ	aintenance	
System Component Type		iil Date Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%			2029	* *	2	\$900	
	R-22 Refriger Location : R		ent : Light, Area A	ffected : 1	00%			
	Other Observ	vation, E	xtent : Light, Area	Affected :	100%			
	Location : R	Roof						
	Explanation	n : 2 Pac	kage Units					
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	\$10,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,300	
Exhaust Fans	1000				de ale	-	<b>* =</b> 0.0	
Roof	100%			2029	* *	2	\$500	
Plumbing								
H/C Water Piping	100%			2044	* *	1		
Brass/Copper Water Heater	100%			2044	• •	1		
Electric	100%			2023	\$2,300	4	\$100	
Sanitary Piping	100%			2023	\$2,300	4	\$100	
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	10070					1		
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)	10070					1		
Electric	100%			2024	\$11,000	4	\$1,600	
Liecule		vation E	xtent : Light, Area			-	\$1,000	
			t Mechanical Equi					
	Explanation			<i>p</i>				
Fixtures								
Generic	100%							
Vertical Transport	~ ~ , ~							
Elevators								
Hydraulic	100%			LIFE	* *			
		vation, E	xtent : Light, Area		100%			
	Location : H		-					
	Explanation	n : 1 Unii						

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$89,100	
Interior Architecture	\$43,200	
Mechanical		\$282,100
Total	\$132,300	\$282,100
Importance Code A	\$89,100	
Importance Code B		\$282,100
Importance Code C	\$43,200	
Total	\$132,300	\$282,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$34,500		\$5,400	\$2,300
Interior Architecture	\$24,000			\$3,600
Electrical	\$800	\$700	\$700	\$900
Mechanical	\$7,300	\$2,800	\$6,600	\$3,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$70,400	\$7,500	\$16,600	\$14,200
Importance Code A	\$35,600	\$1,200	\$6,500	\$3,500
Importance Code B	\$34,800	\$6,300	\$10,100	\$10,600
Importance Code C				
Total	\$70,400	\$7,500	\$16,600	\$14,200



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 # : 4206

Architecture	Current F	Repair	Futur	e Replacement	М		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls	000/ 0.2	¢90,100	LIPE	* *	5	¢20.900	
Masonry: Brick	90% 0-2 Jnt Mortar Miss/Erod	\$89,100	LIFE		5	\$29,800	
	Location : Through		e, Area A	Ajjecieu . 20%			
	Water Penetration, E.		Affected	· 5%			
	Location : Kitchen	-					
Masonry: Limestone	2%		LIFE	* *	5	\$500	
Metal Panel	5%		2044	* *	5-10	\$11,400	
Window Wall	3%		2044	* *	5	\$3,700	
Windows	0.70				0	<i>\$2,700</i>	
Aluminum	100%		2040	* *	5	\$4,600	
Parapets						-	
Masonry: Brick	80% Now	\$18,100	LIFE	* *	5	\$3,200	
	Jnt Mortar Miss/Erod	l, Extent : Moderat	e, Area A	Affected : 15%			
	Location : Through						
	Spalling, Extent : Mo		ed : 10%	<i>⁄</i>			
	Location : Through						
	Worn/Eroded, Extent		Affected	: 5%			
	Location : Through	out					
Masonry: Limestone	15% 0-2	\$3,100	LIFE	* *	5	\$700	
	Cracking/Crumbling,		ea Affecte	ed : 10%			
	Location : Through	out	2014	* *		<b> </b>	
Metal Panel Roof	5%		2044	<b>Υ Υ</b>	5	\$800	
Modified Bitumen	100% Now	\$13,200	2029	* *			
Modified Bitulien	Miss/Damaged Flash						
	Location : Over Fir	-		eu Ingeeneu : 570			
	Patching Evident, Ex		ffected :	5%			
	Location : Through		55				
	Water Penetration, E		rea Affe	cted : 10%			
	Location : Through	out					
terior							
Floors							
Cast in Place Concrete	10%		LIFE	* *	5	\$7,800	
Ceramic Tile	5% 4+	\$3,400	2033	* *	5	\$900	
	Worn/Eroded, Extent		Affected	: 5%			
	Location : Public B						
Terrazzo	5% Now	\$4,100	LIFE	* *	5	\$1,400	
	Ponding, Extent : Lig						
	Location : By Exit I			100/			
	Other Observation, E	-		: 10%			
	Location : By Exit I			ida Dumina II.a	Dain El	ooding This Area	
V1 T'1	Explanation : Water	r enerrales r rom		* *		-	
Vinyl Tile	80%		2029	~ ~	3	\$14,300	

*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 # : 4206

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
terior								
Interior Walls								
Glass: Single Pane	5%			LIFE	* *	5	\$2,100	
Gypsum Board	20%			LIFE	* *	5	\$6,800	
Masonry: Fieldstone	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	\$8,400	
SGFT/Glazed Masonry			\$43,200 xtent : Moderate, A	LIFE Area Affe	* * cted : 10%			
	Location	n : Kitchen A	And Office In Base	ment				
Ceilings								
AcousTileSusp.Lay-In	45%	Now	\$12,900	2037	* *	5	\$8,000	
	-	Discoloring, 1 : Through	Extent : Moderate out	e, Area Aj	ffected : 20%			
	Water Per	netration, E	xtent : Moderate, A	Area Affe	cted : 10%			
	Location	n : 2nd Floc	or By Stair B, Audit	torium, B	asement By Eleva	or And E	Elevator Room	
Exposed Concrete	25%			LIFE	* *	5	\$1,400	
Plaster	25%			LIFE	* *	5	\$5,600	
Wood	5%			LIFE	* *	5	\$15,600	
							-	
lectrical		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts								
Service Equipment Fused Disc Sw	100%			2050	* *	5	\$100	
Service Equipment			xtent : Moderate, A			5	\$100	
Service Equipment	Other Obs					5	\$100	
Service Equipment	Other Obs Location	servation, E 1 : Electrica		Area Affe	ected : 100%	5	\$100	
Service Equipment	Other Obs Location	servation, E 1 : Electrica	ıl Room	Area Affe	ected : 100%	5	\$100	
Service Equipment Fused Disc Sw	Other Obs Location	servation, E 1 : Electrico tion : One 2	ıl Room	Area Affe	ected : 100%	5	\$100	
Service Equipment Fused Disc Sw Switchgear / Switchboard	Other Obs Location Explana 100%	servation, E 1 : Electrica tion : One 2	ıl Room	Area Affe <u>iisconnec</u> 2050	ected : 100% et Switch	_		
Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw	Other Obs Location Explana	servation, E 1 : Electrica tion : One 2	ıl Room	Area Affe Visconnec	ected : 100% et Switch	_		
Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards	Other Ob Location Explana 100%	servation, E 1 : Electrica tion : One 2	ıl Room	Area Affe Visconnec 2050 2054	ected : 100% et Switch ** **	5		
Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw	Other Obs Location Explana 100% 100%	servation, E 1 : Electricc tion : One 2	ıl Room	Area Affe hisconnec 2050 2054 2046	ected : 100% *t Switch ** ** **	5 1 5	\$100	
Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Other Ob Location Explana 100%	servation, E 1 : Electricc tion : One 2	ıl Room	Area Affe Visconnec 2050 2054	ected : 100% et Switch ** **	5		
Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw	Other Obs Location Explana 100% 100%	servation, E 1 : Electrica tion : One 2	ıl Room	Area Affe hisconnec 2050 2054 2046	ected : 100% *t Switch ** ** **	5 1 5	\$100	
Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring	Other Ob: Location Explana 100% 100% 5% 95%	servation, E 1 : Electrica tion : One 2	ıl Room	Area Affe isconnec 2050 2054 2046 2046	ected : 100% <u>et Switch</u> ** ** ** **	5 1 5 5	\$100	
Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic	Other Ob: Location Explana 100% 100% 5% 95%	servation, E 1 : Electrica tion : One 2	ıl Room	Area Affe isconnec 2050 2054 2046 2046	ected : 100% <u>et Switch</u> ** ** ** **	5 1 5 5	\$100	
Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Motor Controllers Locally Mounted round	Other Ob: Location Explana 100% 100% 5% 95%	servation, E 1 : Electrica tion : One 2	ıl Room	Area Affe iisconnec 2050 2054 2046 2046 2046 2054	ected : 100% ** Switch ** ** ** ** ** **	5 1 5 5 1	\$100	
Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Motor Controllers Locally Mounted rround Grounding Devices	Other Ob: Location Explana 100% 100% 5% 95% 100%	servation, E 1 : Electrica tion : One .	ıl Room	Area Affe iisconnec 2050 2054 2046 2046 2046 2054 2054	ected : 100% ** Switch ** ** ** ** ** ** **	5 1 5 5 1 5	\$100 \$600 \$200	
Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Motor Controllers Locally Mounted round	Other Ob: Location Explana 100% 100% 5% 95% 100% 100%	servation, E 1 : Electrica tion : One 2	ıl Room 1200 Amps Main D	Area Affe iisconnec 2050 2054 2046 2046 2046 2054 2054 2041 LIFE	ected : 100% et Switch ** ** ** ** ** ** ** **	5 1 5 5 1	\$100	
Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Motor Controllers Locally Mounted round Grounding Devices	Other Ob: Location Explana 100% 100% 5% 95% 100% 100% 0ther Ob:	servation, E 1 : Electrica tion : One 2	ıl Room 1200 Amps Main D	Area Affe iisconnec 2050 2054 2046 2046 2046 2054 2054 2041 LIFE	ected : 100% et Switch ** ** ** ** ** ** ** **	5 1 5 5 1 5	\$100 \$600 \$200	

### Lighting

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

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

#### Asset # : 4206

Electrical		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
ighting							
Interior Lighting							
Fluorescent	85%		2034	* *	10	\$18,600	
		servation, Extent : Moderate, .	Area Affe	ected : 100%			
		1 : Throughout tion : Using T-8 Lamps					
	<u> </u>	non . Using 1-8 Lamps	2034	* *	10	¢2 200	
Fluorescent		servation, Extent : Moderate, .			10	\$3,300	
		i : Throughout	Area Ajje	eciea . 100%			
		tion : Using T-5 Lamps					
Egress Lighting	Елрини	tion . Using 1-5 Edinps					
Emergency, Service	50%		2034	* *	1		
Exit, Service	50%		2034	* *	1		
Exterior Lighting	5070		200 1		1		
HID	100%		2034	* *	10	\$100	
Alarm	/0				~	+ - 30	
Security System							
No Component	70%						
Generic	30%		2032	* *	1	\$2,700	
Fire/Smoke Detection							
No Component	70%						
Generic	30%		2032	* *	1-3	\$4,500	
Mechanical		Current Repair	Futur	re Replacement		aintenance	
System Component	% of	Fail Date Estimated Cost		Estimated Cost	-	<b>Estimated Cost</b>	Priorit
Туре	Total	(Years)	FY		(Yrs)		
Ieating	•						
Energy Source							
Natural Gas	100%		2044	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2037	* *	1	\$11,800	
	Other Obs	servation, Extent : Light, Area	Affected	! : 100%			
		ı : Basement Boiler Room					
	Explana	tion : 2 Units					
Distribution							
Hot Wtr Piping/Pump	100%		2040	* *	4	\$1,200	
Terminal Devices	10					* = ~~~-	
Air Handler	40%		2029	* *	1	\$5,900	
Convector/Radiator	60%		2037	* *	1	\$4,600	
Air Conditioning							
Energy Source	1000/		20.40	* *	1		
Electricity	100%		2040	* *	1		

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

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

Asset # : 4206

Mechanical	Current Re	epair	Futur	e Replacement	Μ	aintenance	
System Component Type		Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment Int Pkg Unit - Heating/Cooling	60%		2025	\$282,100	2	\$900	
	R-22 Refrigerant, Exter Location : Penthouse	-		60%			
Ext Pkg Unit - Cooling	3 40% R-22 Refrigerant, Exter Location : Roof	nt : Light, Area A	2029 ffected :	* *	2	\$600	
Heat Rejection	-						
Air Condenser Unit No Component	60% 40%		2029	* *	2	\$10,000	
Ventilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$13,300	
Exhaust Fans	050/		2022	* *	2	¢700	
Interior Roof	95% 5%		2032 2029	* *	2 2	\$700	
Plumbing	J 70		2029		2		
H/C Water Piping							
Brass/Copper	100%		2044	* *	1		
Water Heater Gas Fired	100%		2022	\$5,500	2	\$300	
Sanitary Piping	100/0		2022	\$2,200	_	\$500	
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100% 0-2	\$1,600	LIFE	* *	1		
	Other Observation, Ext Location : South Exit		Area Affe	cted : 5%			
	Explanation : Sewage	e Piping Is Under	Sized C	ausing Water To B	ackup W	hen It Rains	
Sewage Ejector(s) Electric	100%		2029	* *	4	\$2,500	
Backflow Preventer	1000/			* *		<b>\$1</b> , <b>5</b> 00	
Generic	100%		2029	* *	1	\$1,500	
Fixtures Generic	100%						
Vertical Transport							
Elevators	1000/		TIPP	* *			
Hydraulic	100% Other Observation, Ext Location : B-2 Explanation : 1 Unit	tent : Light, Area	LIFE Affected				
Fire Suppression	• •						
Sprinkler							
No Component	70%						
Generic	30%		2044	* *	1-2	\$2,000	

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

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

#### Print Date : 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$178,300	
Interior Architecture		\$110,400
Electrical	\$35,000	
Mechanical	\$144,200	\$113,200
Total	\$357,500	\$223,600
Importance Code A	\$178,300	
Importance Code B	\$179,200	\$223,600
Total	\$357,500	\$223,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$52,400		\$9,200	
Interior Architecture	\$19,400	\$1,800		\$200
Electrical	\$36,700	\$1,100	\$10,500	\$1,200
Mechanical	\$3,700	\$2,200	\$41,800	\$2,200
Total	\$112,300	\$5,100	\$61,500	\$3,500
Importance Code A	\$52,900	\$500	\$9,700	\$500
Importance Code B	\$59,100	\$4,200	\$51,700	\$3,000
Importance Code C	\$300	\$400		
Total	\$112,300	\$5,100	\$61,500	\$3,500



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

### BROOKLYN PUBLIC LIBRARY - 038 LEONARD BRANCH LIBRARY

#### Asset # : 13255

rchitecture		Current	Repair	Futur	e Replacement	Μ	aintenance	
/stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls Cast Stone/Terra Cotta	-	0-2 Crumbling : Through	\$16,700 Extent : Light, Ar out	LIFE ea Affecte	* * ed : 10%	5	\$8,100	
Masonry: Brick	Location Spalling, H	: Through	derate, Area Affec			5	\$18,600	
Masonry: Limestone	-	0-2 Crumbling : Building	\$11,200 Extent : Moderate Base	LIFE e, Area Aj	* * fected : 15%	5	\$800	
Windows	0.000	NT	ф <b>ся</b> 100	00.40	ste -te	-	<b>\$000</b>	
Aluminum	Location Deteriorat	: Through	Extent : Moderate			5	\$800	
Steel	Location Thermally Location Unit Inope	: Basemer Inefficient : Basemer	, Extent : Moderat at ent : Moderate, Arc	e, Area A	ffected : 50%	5	\$1,100	
Parapets								
Masonry: Limestone	0	Now Deteriorate : Over Ma	\$800 ed, Extent : Modere uin Entry	LIFE ate, Area	* * Affected : 5%	5	\$200	
Metal Rail	5%			2029	* *	5-10	\$1,000	
No Component	80%							
Roof	<b>5</b> 00/					10		
Modified Bitumen Slate		Now on Func/M : Through	\$14,400 iss, Extent : Moder out	2029 LIFE vate, Area	* * * * Affected : 50%	10	\$8,600	
Modified Bitumen Slate	50% Gut/DS No	on Func/M	iss, Extent : Moder	LIFE	* *	10	\$8,600	
Modified Bitumen Slate erior Floors	50% Gut/DS No Location	on Func/M	iss, Extent : Moder	LIFE cate, Area	* * Affected : 50%			
Modified Bitumen Slate erior Floors Cast in Place Concrete	50% Gut/DS No Location 10%	on Func/M	iss, Extent : Moder	LIFE cate, Area LIFE	* *	5	\$3,400	
Modified Bitumen Slate erior Floors	50% Gut/DS No Location 10% 5% 10% Loose Uni Location	on Func/M : Through Now ts, Extent : : Basemen	iss, Extent : Moder out \$3,900 Moderate, Area A	LIFE cate, Area LIFE 2027 2024 ffected :	** Affected : 50% ** ** \$13,000 100%			
Modified Bitumen Slate erior Floors Cast in Place Concrete Ceramic Tile	50% Gut/DS No Location 10% 5% 10% Loose Uni Location Poor Subfi	on Func/M : Through Now ts, Extent : : Basemen	iss, Extent : Moder out \$3,900 Moderate, Area A at 11, Extent : Severe,	LIFE cate, Area LIFE 2027 2024 ffected :	** Affected : 50% ** ** \$13,000 100%	5 5	\$3,400 \$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 LEONARD BRANCH LIBRARY

#### Asset # : 13255

		///////////////////////////////////////	200				
	Current I	Repair	Futur	e Replacement	М	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
5%			2033	* *	5	\$700	
10%			LIFE	* *	5	\$600	
10%			LIFE	* *			
70%			LIFE	* *	5	\$3,100	
		\$300	LIFE	* *	5	\$200	
	-		ected : 59	%			
	-		a Affacta	d · 50/			
			i Ajjeciei	u . 570			
Locuitor	i . Busemen						
60%	0-2	\$14,800	2037	* *	5	\$5,800	
				ffected : 10%	-	+-,	
-	-			•			
Loose/Del	am Surface	e, Extent : Moderate	e, Area A	ffected : 20%			
			, Area A	ffected : 20%			
Location	ı : First Flo	oor	-	-			
			LIDE	* *	_	\$500	
20%			LIFE	* *	5	\$500	
20% 20%			LIFE	* *	5 5	\$300 \$1,900	
			LIFE	* *	5	\$1,900	
20%	Current		LIFE Futur	* * e Replacement	5 M	\$1,900 aintenance	
		Repair Estimated Cost	LIFE Futur	* *	5 M	\$1,900	Priorit
20%	Fail Date		LIFE Futur Year	* * e Replacement	5 M Cycle	\$1,900 aintenance	Priorit
20%	Fail Date		LIFE Futur Year	* * e Replacement	5 M Cycle	\$1,900 aintenance	Priori
20%	Fail Date		LIFE Futur Year	* * e Replacement	5 M Cycle	\$1,900 aintenance	Priori
20%	Fail Date (Years)		LIFE Futur Year FY 2024	* * e Replacement Estimated Cost \$1,500	5 M Cycle (Yrs)	\$1,900 aintenance	Priori
20% % of Total 100% Other Obs Location	Fail Date (Years)	Estimated Cost Extent : Moderate, A al Room	LIFE Futur Year FY 2024 Area Affe	* * e Replacement Estimated Cost \$1,500 cted : 100%	5 M Cycle (Yrs)	\$1,900 aintenance	Priori
20% % of Total 100% Other Obs Location	Fail Date (Years)	Estimated Cost	LIFE Futur Year FY 2024 Area Affe	* * e Replacement Estimated Cost \$1,500 cted : 100%	5 M Cycle (Yrs)	\$1,900 aintenance	Priorit
20% % of Total 100% Other Obs Location Explana	Fail Date (Years)	Estimated Cost Extent : Moderate, A al Room	LIFE Futur Year FY 2024 Area Affe med @ 40	* * e Replacement Estimated Cost \$1,500 cted : 100% 0 Amperes	5 Cycle (Yrs) 5	\$1,900 aintenance Estimated Cost	Priori
20% % of Total 100% Other Obs Location	Fail Date (Years)	Estimated Cost Extent : Moderate, A al Room	LIFE Futur Year FY 2024 Area Affe	* * e Replacement Estimated Cost \$1,500 cted : 100%	5 M Cycle (Yrs)	\$1,900 aintenance	Priori
20% % of Total 100% Other Obs Location Explana 100%	Fail Date (Years)	Estimated Cost Extent : Moderate, A al Room	LIFE Futur Year FY 2024 Area Affe ted @ 40 2024	* * e Replacement Estimated Cost \$1,500 cted : 100% 0 Amperes \$32,000	5 Cycle (Yrs) 5 5	\$1,900 aintenance Estimated Cost	Priori
20% % of Total 100% Other Obs Location Explana 100% 95%	Fail Date (Years)	Estimated Cost Extent : Moderate, A al Room	LIFE Futur Year FY 2024 Area Affe ted @ 40 2024 2024	* * e Replacement Estimated Cost \$1,500 cted : 100% 0 Amperes \$32,000 \$29,500	5 Cycle (Yrs) 5 5 1	\$1,900 aintenance Estimated Cost	Priori
20% % of Total 100% Other Obs Location Explana 100%	Fail Date (Years)	Estimated Cost Extent : Moderate, A al Room	LIFE Futur Year FY 2024 Area Affe ted @ 40 2024	* * e Replacement Estimated Cost \$1,500 cted : 100% 0 Amperes \$32,000	5 Cycle (Yrs) 5 5	\$1,900 aintenance Estimated Cost	Priorit
20% % of Total 100% Other Obs Location Explana 100% 95% 5%	Fail Date (Years) ervation, E 1 : Electrica tion : Main	Estimated Cost Extent : Moderate, A al Room	LIFE Futur Year FY 2024 Area Affe ted @ 40 2024 2024 2024	** e Replacement Estimated Cost \$1,500 cted : 100% 0 Amperes \$32,000 \$29,500 **	5 M Cycle (Yrs) 5 5 1 1 1	\$1,900 aintenance Estimated Cost	Priorit
20% % of Total 100% Other Obs Location Explana 100% 95% 5%	Fail Date (Years) ervation, E 1 : Electrica tion : Main	Estimated Cost Extent : Moderate, A al Room	LIFE Futur Year FY 2024 Area Affe 2024 2024 2024 2024 2024 2024 2024	** e Replacement Estimated Cost \$1,500 cted : 100% 0 Amperes \$32,000 \$29,500 ** \$700	5 M Cycle (Yrs) 5 5 1 1 5	\$1,900 aintenance Estimated Cost \$300	Priorit
20% % of Total 100% Other Obs Location Explana 100% 95% 5%	Fail Date (Years) ervation, E 1 : Electrica tion : Main	Estimated Cost Extent : Moderate, A al Room	LIFE Futur Year FY 2024 Area Affe ted @ 40 2024 2024 2024	** e Replacement Estimated Cost \$1,500 cted : 100% 0 Amperes \$32,000 \$29,500 **	5 M Cycle (Yrs) 5 5 1 1 1	\$1,900 aintenance Estimated Cost	Priorit
20% % of Total 100% 0ther Obs Location Explana 100% 95% 5% 5%	Fail Date (Years) ervation, E n : Electrice tion : Main	Estimated Cost	LIFE Futur Year FY 2024 Area Affe 2024 2024 2024 2024 2024 2023 2023	** e Replacement Estimated Cost \$1,500 cted : 100% 0 Amperes \$32,000 \$29,500 ** \$700 \$14,100	5 M Cycle (Yrs) 5 5 1 1 5 5 5 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5	\$1,900 aintenance Estimated Cost \$300	Priorit
20% % of Total 100% 0ther Obs Location Explana 100% 95% 5% 95%	Fail Date (Years)	Estimated Cost	LIFE Futur Year FY 2024 2024 2024 2024 2024 2024 2024 2023 2023 2049	** e Replacement Estimated Cost \$1,500 cted : 100% 0 Amperes \$32,000 \$29,500 ** \$700 \$14,100 **	5 M Cycle (Yrs) 5 5 1 1 5	\$1,900 aintenance Estimated Cost \$300	Priorit
20% % of Total 100% 0ther Obs Location Explana 100% 95% 5% 95% 95% Insulation	Fail Date (Years)	Estimated Cost Extent : Moderate, A al Room Service Switch Rad Service Switch Rad \$26,100 ent : Moderate, Are	LIFE Futur Year FY 2024 2024 2024 2024 2024 2024 2024 2023 2023 2049	** e Replacement Estimated Cost \$1,500 cted : 100% 0 Amperes \$32,000 \$29,500 ** \$700 \$14,100 **	5 M Cycle (Yrs) 5 5 1 1 5 5 5 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5	\$1,900 aintenance Estimated Cost \$300	Priorit
20% % of Total 100% Other Obs Location Explana 100% 95% 5% 5% 95% Insulation Location	Fail Date (Years)	Estimated Cost	LIFE Futur Year FY 2024 Area Affe ted @ 40 2024 2024 2024 2024 2024 2024 2024 2	** e Replacement Estimated Cost \$1,500 cted : 100% 0 Amperes \$32,000 \$29,500 ** \$700 \$14,100 ** d : 100%	5 M Cycle (Yrs) 5 5 1 1 5 5 1 1 1	\$1,900 aintenance Estimated Cost \$300	Priori
20% % of Total 100% 0ther Obs Location Explana 100% 95% 5% 95% 95% Insulation	Fail Date (Years)	Estimated Cost Extent : Moderate, A al Room Service Switch Rad Service Switch Rad \$26,100 ent : Moderate, Are	LIFE Futur Year FY 2024 2024 2024 2024 2024 2024 2024 2023 2023 2049	** e Replacement Estimated Cost \$1,500 cted : 100% 0 Amperes \$32,000 \$29,500 ** \$700 \$14,100 **	5 M Cycle (Yrs) 5 5 1 1 5 5 5 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5	\$1,900 aintenance Estimated Cost \$300	Priorit
20% % of Total 100% Other Obs Location Explana 100% 95% 5% 5% 95% Insulation Location	Fail Date (Years)	Estimated Cost Extent : Moderate, A al Room Service Switch Rad Service Switch Rad \$26,100 ent : Moderate, Are	LIFE Futur Year FY 2024 Area Affe ted @ 40 2024 2024 2024 2024 2024 2024 2024 2	** e Replacement Estimated Cost \$1,500 cted : 100% 0 Amperes \$32,000 \$29,500 ** \$700 \$14,100 ** d : 100%	5 M Cycle (Yrs) 5 5 1 1 5 5 1 1 1	\$1,900 aintenance Estimated Cost \$300	Priori
	Total 5% 10% 10% 70% 5% Paint Pee Location Water Per Location Cracking/ Location Location Staining/L Location	% of Total       Fail Date (Years)         5%       (Years)         5%       10%         10%       10%         70%       5%         5%       Now         Paint Peeling, Extent Location : Meeting         Water Penetration, E Location : Basement         60%       0-2         Cracking/Crumbling, Location : Meeting         Location : Meeting         Location : First Flo         Staining/Discoloring, Location : First Flo	Total       (Years)         5%       10%         10%       10%         10%       5%         Now       \$300         Paint Peeling, Extent : Severe, Area Affe         Location : Meeting Room         Water Penetration, Extent : Severe, Area         Location : Basement         60%       0-2         \$14,800         Cracking/Crumbling, Extent : Moderate         Location : Meeting Room         Location : Meeting Room         Location : First Floor, Basement         Staining/Discoloring, Extent : Moderate         Location : First Floor	Current RepairFutur% of TotalFail Date (Years)Estimated Cost FYYear FY5%203310%LIFE10%LIFE10%LIFE70%LIFE70%LIFE5%Now\$300LIFEPaint Peeling, Extent : Severe, Area Affected : 5% Location : Meeting RoomWater Penetration, Extent : Severe, Area Affected Location : Basement60%0-2\$14,8002037Cracking/Crumbling, Extent : Moderate, Area Aj Location : Meeting RoomLoose/Delam Surface, Extent : Moderate, Area Aj Location : First Floor, BasementStaining/Discoloring, Extent : Moderate, Area Aj Location : First Floor	Current RepairFuture Replacement% of TotalFail Date (Years)Estimated Cost FY5%2033**10%LIFE**10%LIFE**10%LIFE**70%LIFE**5%Now\$300LIFE5%Now\$300LIFE5%Now\$300LIFE2033*****60%0-2\$14,80020372033*****60%0-2\$14,80020372033*****60%0-2\$14,80020372033****60%0-2\$14,80020372033****60%0-2\$14,80020372033****50%Location : Basement**50%Location : Meeting RoomLocation : Area Affected : 10%Location : Meeting RoomLocation : First Floor, Basement50%Staining/Discoloring, Extent : Moderate, Area Affected : 20%Location : First Floor**	Current RepairFuture ReplacementM% of TotalFail Date (Years)Estimated Cost FYYear Estimated Cost FYCycle (Yrs)5%2033**510%LIFE**510%LIFE**510%LIFE**570%LIFE**55%Now\$300LIFE**70%LIFE**5S%Now\$300LIFE**70%LIFE**5Paint Peeling, Extent : Severe, Area Affected : 5% Location : Meeting Room**5Water Penetration, Extent : Severe, Area Affected : 5% Location : Basement**5Cracking/Crumbling, Extent : Moderate, Area Affected : 10% Location : Meeting Room**5Coaction : Meeting RoomKooerate, Area Affected : 20% Location : First Floor, BasementStaining/Discoloring, Extent : Moderate, Area Affected : 20% Location : First Floor	Current RepairFuture ReplacementMaintenance% of TotalFail Date (Years)Estimated Cost FYCycle FYEstimated Cost (Yrs)5%2033**5\$70010%LIFE**5\$60010%LIFE**5\$60010%LIFE**5\$20370%LIFE**5\$3,1005%Now\$300LIFE**570%LIFE**5\$200Paint Peeling, Extent : Severe, Area Affected : 5% Location : Meeting RoomSevere, Area Affected : 5% Location : BasementSevere, Area Affected : 5% Solo\$5,80060%0-2\$14,8002037**5\$5,800Cracking/Crumbling, Extent : Moderate, Area Affected : 10% Location : Meeting Room\$500\$5,800\$5,800Loose/Delam Surface, Extent : Moderate, Area Affected : 20% Location : First Floor, Basement\$500\$200Staining/Discoloring, Extent : Moderate, Area Affected : 20% Location : First Floor\$500\$500

Ground

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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
#### Asset # : 13255

	Asset # : 1	3233				
Electrical	Current Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
round						
Grounding Devices Generic	100% 2-4 \$9,400 Other Observation, Extent : Moderate, Location : Main Water Pipe Explanation : Corroded	LIFE Area Affe	* * cted : 100%	5	\$200	
ighting						
Interior Lighting Fluorescent	90% T-8 Lamps, Extent : Moderate, Area Af Location : Throughout The Building	2032 ffected : 10	* *	10	\$8,800	
Fluorescent	10% T-12 Lamps, Extent : Moderate, Area A	2019 Affected : .	\$35,000	10	\$1,000	
	Location : Book Shelves Area	55				
Egress Lighting Emergency, Battery	50%	2029	* *	10	\$1,300	
Exit, Service	50%	2029	* *	1		
Exterior Lighting Fluorescent	20% Other Observation, Extent : Moderate, Location : Front Of The Building Explanation : C F L Lamps In Use	2019 Area Affe	\$6,800 cted : 100%	10	\$200	
HID	80%	2024	\$32,000	10		
larm Security System Generic	100% Other Observation, Extent : Moderate, Location : Throughout The Building Explanation : C C T V Surveillance 6		**	1	\$4,000	
Fire/Smoke Detection Generic	100% Other Observation, Extent : Moderate, Location : Throughout The Building Explanation : Smoke Detectors, Manu			1-3	\$6,800	
Mechanical	Current Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)		Estimated Cost		Estimated Cost	Priorit
eating Energy Source Natural Gas	100%	2034	* *	1		•
Conversion Equipment Hot Water Boiler	100% Other Observation, Extent : Light, Area Location : Basement Boiler Room Explanation : 1 Unit	2022	\$23,800 <i>: 100%</i>	1	\$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 # : 13255

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of I Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Distribution							
Hot Wtr Piping/Pump	100%		2023	\$53,200	4	\$500	
Terminal Devices							
Air Handler	40%		2019	\$22,800	1	\$2,600	
Convector/Radiator	60%		2022	\$60,000	1	\$2,100	
Air Conditioning							
Energy Source							
Electricity	100%		2032	* *	1		
<b>Conversion Equipment</b>							
Reciprocating	100%		2019	\$35,900	1	\$5,000	
Compr/Chiller							
		erant, Extent : Light, Area A	ffected :	100%			
	Location :	Basement					
Terminal Devices							
Air Handler/Cool/Ht	100%		2019	\$45,000	1	\$6,600	
Heat Rejection							
Remote Air Cond	100%		2019	\$63,300	2	\$7,400	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,000	
Exhaust Fans							
Interior	100%		2019	\$11,700	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater	100.5			<b>.</b>		<b>. .</b>	
Gas Fired	100%		2019	\$2,500	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

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 : 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$199,900	
Total	\$199,900	
Importance Code A	\$199,900	
Total	\$199,900	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$57,300			\$7,800
Interior Architecture	\$3,600	\$1,000	\$6,800	\$600
Electrical	\$1,100	\$900	\$900	\$1,200
Mechanical	\$2,100	\$1,300	\$2,300	\$1,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$68,100	\$7,100	\$13,900	\$15,200
Importance Code A	\$58,000	\$600	\$600	\$8,500
Importance Code B	\$10,100	\$5,900	\$13,300	\$6,700
Importance Code C		\$600		
Total	\$68,100	\$7,100	\$13,900	\$15,200



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**

## MACON BRANCH LIBRARY

### Asset # : 13256

Architecture	Current	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls		<b>05 000</b>	LIPE	* *	~	¢10, c00	
Masonry: Brick	85% Now Spalling, Extent : Lig Location : Throug Worn/Eroded, Exten Location : Throug	nout t : Moderate, Area A			5	\$10,600	
Masonry: Limestone	15% Now Cracking/Crumbling Location : South F Staining/Discoloring Location : Cornice	acade 9, Extent : Moderate	-	-	5	\$1,400	
Windows							
Aluminum	60%		2040	* *	5	\$2,000	
Wood	40%		2040	* *	5	\$13,700	
Parapets Masonry: Brick	50% Now Cracking/Crumbling Location : Througl		LIFE , Area Aj	* * ffected : 5%	5	\$1,900	
	Spalling, Extent : Mo Location : Through Worn/Eroded, Exten Location : Through	iout t : Moderate, Area A iout	Affected	: 25%		<u> </u>	
Masonry: Limestone	50% Now Staining/Discoloring Location : Through		LIFE 9, Area Aj	* * ffected : 50%	5	\$2,400	
	Worn/Eroded, Exten Location : Through		eted : 109	2/0			
Roof	0						
Metal Panel	5%		2037	* *	10	\$1,700	
Modified Bitumen	25%		2024	\$27,500	10	\$4,800	
Slate	70% Now Broken/Missing Eler Location : East Sid Cracking/Crumbling Location : East Sid Water Penetration, I	e Of Roof 9, Extent : Moderate 9e Of Roof Extent : Moderate, A	, Area Aj Area Affe	ffected : 5%			
torion	Location : Various	Locations Through	out				
iterior Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$1,800	
Ceramic Tile	5%		2033	* *	5	\$800	
Panel/Paver: Cer/Brk	5%		2032	* *	5	\$1,900	
Sheet Vinyl/Rubber	55%		2029	* *	5	\$13,600	
Vinyl Tile	30%		2029	* *	3	\$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.

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

### Asset # : 13256

Architecture		Cumant	Asset # : 13		a Danlaasmant		aintenance	
		Current			e Replacement			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								1
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$1,100	
Gypsum Board	30%			LIFE	* *	5	\$4,000	
Plaster	50%			LIFE	* *	5	\$3,300	
	Staining/L	Discoloring 1 : Stairway	Extent : Moderate		ffected : 15%	C	<i><i><i></i></i></i>	
Wood	15%	-		LIFE	* *	5	\$13,400	
Ceilings	1070					0	\$15,100	
AcousTileSusp.Lay-In	25%			2037	* *	5	\$4,100	
Gypsum Board	10%			LIFE	* *	5	\$2,100	
Plaster	65%			LIFE	* *	5	\$6,700	
Flaster	0.5%			LILE		5	\$0,700	
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component	Total	(Years)		FY		(Yrs)		
Туре								
Under 600 Volts								
Service Equipment						_		
Air Circuit Breaker	100%			2050	* *	5	\$100	
			Extent : Moderate, A	Area Affe	ected : 100%			
	Locatior	ı : Electrica	al Room					
	Explana	tion : One	800 Amps Main Di	sconnect	Switch			
Switchgear / Switchboard								
Air Circuit Breaker	100%			2050	* *	5	\$100	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards	100/0			2000		-		
Fused Disc Sw	5%			2046	* *	5		
Molded Case Bkrs	95%			2040	* *	5	\$300	
Wiring	)5/0			2040		5	\$500	
Thermoplastic	1000/			2050	* *	1		
1	100%			2030	••	1		
Motor Controllers	1000/			20.11	* *	~	¢100	
Locally Mounted	100%			2041	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	30%			2032	* *	10	\$3,600	
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Locatior	ı : Through	out The Building					
	Explana	tion : T-8 L	amps					
Fluorescent	70%			2032	* *	10	\$8,300	
i norescent		s Frient . 1	Moderate, Area Aff			10	ψ0,500	
	-		out The Building	<i>cieu</i> . 1	0070			
	Locallor	i. inrough	oui The building					

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

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

## Asset # : 13256

			Asset # : 13	5256				
Electrical		Current l	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ighting								
Egress Lighting	50%			2032	* *	10	¢1.c00	
Emergency, Battery Exit, LED	50%			2052	* *	10 1	\$1,600	
Exterior Lighting	5070			2037		1		
HID	100%			2032	* *	10		
Alarm								
Security System	700/							
No Component Generic	70% 30%			2032	* *	1	\$1,500	
Fire/Smoke Detection	5070			2032		1	\$1,500	
Generic	100%			2032	* *	1-3	\$8,200	
Mashaniasi								
Mechanical		Current			re Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating								
Energy Source Natural Gas	100%			2050	* *	1		
Conversion Equipment	1000/			2027	ste ste	1	<b>. . . . . . . . . .</b>	
Hot Water Boiler	100% Other Ob		Extent : Light, Area	2037 Affected	* *	1	\$6,400	
			nt Boiler Room	Ајјестец	. 10070			
	Explana	tion : 2 Ga	s Fired Modular H	ot Water	Boilers			
Distribution								
Hot Wtr Piping/Pump	100%			2040	* *	4	\$600	
Terminal Devices Air Handler	50%			2029	* *	1	\$4,000	
Convector/Radiator	50%			2029	* *	1	\$2,100	
Air Conditioning	0070			2007		-	<b>\$-,100</b>	
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment Split Unit	100%			2029	* *			
Terminal Devices	10070			2029				
Direct Expansion	40%			2029	* *	1		
L.			Extent : Light, Area					
			nt Mechanical Equi					
			ric Duct Heater In	Duct Wo	ork			
No Component	60%							
Heat Rejection Not Accessible	100%							
Ventilation	10070							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,200	
Exhaust Fans	1000/							
Not Accessible	100%							

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

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

# **BROOKLYN PUBLIC LIBRARY - 038**

### MACON BRANCH LIBRARY Asset # : 13256

	A33	SCI # . 15250				
lechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
lumbing						
H/C Water Piping						
Brass/Copper	100%	2050	* *	1		
Water Heater						
Gas Fired	100%	2022	\$3,000	2	\$200	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Rigid Piping	100%	2029	* *	4	\$2,500	
Backflow Preventer						
No Component	80%					
Generic	20%	2029	* *	1	\$200	
	Other Observation, Extent :	Light, Area Affected :	20%			
	Location : Basement Boile	er Room				
	Explanation : Boiler Only	,				
Fixtures						
Generic	100%					
ertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent :	Light, Area Affected :	100%			
	Location : B, St, 1, Mez					
	Explanation : One Unit					

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

#### **BROOKLYN PUBLIC LIBRARY - FY 2016** Print Date: 23-Oct-2015

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$369,800	
Interior Architecture		\$73,000
Mechanical		\$252,900
Total	\$369,800	\$325,900
Importance Code A	\$369,800	
Importance Code B		\$325,900
Total	\$369,800	\$325,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				\$1,900
Interior Architecture	\$45,000	\$300		\$297,300
Electrical	\$2,300	\$1,600	\$21,600	\$2,000
Mechanical	\$2,600	\$1,500	\$3,300	\$2,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$53,800	\$7,400	\$28,900	\$307,100
Importance Code A	\$1,000	\$1,000	\$1,000	\$2,900
Importance Code B	\$52,800	\$6,100	\$27,900	\$304,200
Importance CodeBImportance CodeC	\$52,800	\$6,100 \$300	\$27,900	\$304,200



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

#### Asset # : 13257

chitecture	Current Re	pair	Futur	e Replacement	Μ	aintenance				
stem Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit			
erior										
Exterior Walls		<b>* -</b>			_	<b>***</b>				
Masonry: Brick	95% 0-2	\$67,600	LIFE	* *	5	\$22,600				
	Water Penetration, Ext	ent : Light, Area	Affected	: 10%						
Manager	Location : Bulk Head		LIPP	* *	5	000				
Masonry: Limestone	5%		LIFE	* *	5	\$900				
Windows Aluminum	100%		2040	* *	5	\$3,800				
Parapets	100%		2040		5	\$3,800				
Masonry: Brick	90% Now	\$220,400	LIFE	* *	5	\$3,900				
	Jnt Mortar Miss/Erod,			Affected : 5%	÷	42,200				
	Location : Bulkheads									
	Misaligned/Bulging, Ex	ctent : Moderate,	Area Aff	fected : 5%						
	Location : Bulkheads									
	Water Penetration, Ext	Water Penetration, Extent : Severe, Area Affected : 40%								
	Location : Various Locations Throughout									
	Other Observation, Ext		a Affecte	d : 100%						
	Location : Throughou									
	Explanation : Covere	d In Black Tarp T	Го Кеер І	Rain Water Out						
Masonry: Limestone	10% Now	\$44,400	LIFE	* *	5	\$500				
	Jnt Mortar Miss/Erod,		e, Area A	Affected : 10%						
	Location : Coping At	-								
	Water Penetration, Ext		a Affecte	d : 30%						
	Location : Throughou		- A CC	1.1000/						
	Other Observation, Extent : Severe, Area Affected : 100%									
	Location : Throughou Explanation : Covere		n Pain U	Vator Out						
Roof	Explanation . Covere	и та тагр то кее	р кат ч	uier Oui						
Modified Bitumen	100% Now	\$37,500	2029	* *						
mounied Ditumen	Blisters, Extent : Mode									
	Location : Throughou									
	Ponding, Extent : Light		10%							
	Location : Throughou									
	Water Penetration, Ext		rea Affe	cted : 5%						
	Location : Roof Stair	A diagont To Ela								

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 # : 13257

Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority
terior				-				
Floors				2020	<b>\$204.000</b>	2	¢ 45 000	
Carpet		ded, Extent 1 : 2nd Floc	: Moderate, Area A	2020 Affected	\$284,900 : 20%	3	\$45,000	
Cast in Place Concrete	5%			LIFE	* *	5	\$3,800	
Ceramic Tile	Location Worn/Ero	ı : Bathrooi	: Moderate, Area			5	\$300	
Terrazzo	3%			LIFE	* *	5	\$800	
Vinyl Tile	25% Loose Uni	4+ its, Extent : 1 : Basemen	\$14,600 Moderate, Area Aj at	2024	\$73,000 40%	3	\$3,200	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	\$600	
Concrete Masonry Unit	25%			LIFE	* *	5	\$2,000	
Glass: Single Pane	2%			LIFE	* *	5	\$300	
Gypsum Board	50%			LIFE	* *	5	\$5,900	
Marble Panels	5%			LIFE	* *	U	<i>40,900</i>	
Plaster	15%			LIFE	* *	5	\$900	
T histor	Recent Re	-	nt, Extent : Light, A Floor Meeting Room	rea Affeo	cted : 10%	5	φ200	
Ceilings								
AcousTileSusp.Lay-In	90%			2037	* *	5	\$31,200	
Exposed Concrete	5%			LIFE	* *	5	\$300	
Gypsum Board		netration, E	\$900 Extent : Moderate, A Vindows On 2nd Flo		* * cted : 10%	5	\$2,200	
lectrical		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts	•							•
Service Equipment								
Fused Disc Sw	Location	ı : Electrica	Extent : Moderate, A ul Room 800 Amps Main Dis			5	\$100	
Switchgear / Switchboard	•							
Fused Disc Sw	50%			2034	* *	5		
Molded Case Bkrs	50%			2034	* *	5	\$300	
Raceway	2 2 7 0					-	+2.30	
Kaceway								

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

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

Asset # : 13257

		Asset # : 13					
Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts							
Panelboards							
Fused Disc Sw	5%		2032	* *	5		
Molded Case Bkrs	95%		2032	* *	5	\$500	
Wiring							
Thermoplastic	100%		2034	* *	1		
Motor Controllers							
Locally Mounted	100%		2029	* *	5	\$100	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$300	
.ighting							
Interior Lighting							
Fluorescent	75%		2029	* *	10	\$13,600	
	Other Obs	ervation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location	a : Throughout The Building					
	Explana	tion : T-8 Lamps					
Fluorescent	20%		2029	* *	10	\$3,600	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		s, Extent : Moderate, Area Aff		00%	10	40,000	
	-	i : Throughout The Building		/-			
Incandescent	5%		2029	* *	2		
	5%		2029		L		
Egress Lighting	500/		2029	* *	10	\$2,400	
Emergency, Battery	50%			* *	10	\$2,400	
Exit, LED	45%		2052	* *	1		
Exit, Service	5%		2029	•••	1		
Exterior Lighting	1000/		2020	* *	10	¢100	
HID	100%		2029		10	\$100	
Alarm							
Security System	2004						
No Component	30%			ste ste		<b>* = -</b>	
Generic	70%		2032	* *	1	\$5,200	
Fire/Smoke Detection	4.0.0					<b>*</b> • • • • • • •	
Generic	100%		2032	* *	1-3	\$12,600	
Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Туре	Total		<u> </u>		(113)		
leating							
Energy Source							
Natural Gas	100%	Now \$800	2044	* *	1		
	Other Obs	ervation, Extent : Severe, Are	ea Affecte	d : 100%			
	Location	a : Basement Electric Room					
	Explana	tion : There Is No Air Vent Fo	or The Ga	s Meter Located In	n Electric	c Distribution	
		Dangerous Condition					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating								
Conversion Equipment								
Furnace	Location			2029 Affected	* *	1	\$2,900	
Hot Water Boiler	Location	servation, E	Extent : Light, Area nt Boiler Room it	2037 Affected	**	1	\$6,900	
Distribution Hot Wtr Piping/Pump	100%			2032	* *	4	\$1,000	
Terminal Devices							1 7	
Convector/Radiator No Component	70% 30%			2037	* *	1	\$4,500	
ir Conditioning Energy Source Electricity	100%			2040	* *	1		
Conversion Equipment	10070			2040		1		
Int Pkg Unit - Cooling	Location Other Ob Location	igerant, Ex n : Penthou	Extent : Light, Area se			2	\$1,200	
entilation	1							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,100	
Exhaust Fans								
Interior	90%			2029	* *	2	\$500	
Roof	10%			2029	* *	2	\$100	
lumbing H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater Gas Fired	100%			2022	\$4,600	2	\$300	
Sanitary Piping Cast Iron	100%			LIFE	**	1	<i></i>	
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Fixtures	20070					-		
Generic	100%							
/ertical Transport								
Elevators Hydraulic	100%			LIFE	* *			
riyuraune	Other Ob. Location	servation, E n : B, 1, 2	Extent : Light, Area					
	Explana	tion : 1 Un	it					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$146,100	
Electrical	\$8,000	\$125,400
Mechanical		\$119,000
Total	\$154,100	\$244,400
Importance Code A	\$146,100	
Importance Code B	\$8,000	\$244,400
Total	\$154,100	\$244,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$59,800			
Interior Architecture	\$19,600	\$800		\$1,600
Electrical	\$900	\$1,000	\$13,600	\$1,000
Mechanical	\$5,300	\$1,400	\$2,400	\$2,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$89,600	\$7,200	\$20,000	\$9,000
Importance Code A	\$60,400	\$600	\$600	\$600
Importance Code B	\$29,200	\$6,200	\$19,300	\$8,400
Importance Code C		\$500		
Total	\$89,600	\$7,200	\$20,000	\$9,000



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

#### Asset # : 13259

			A5561#.13	5233				
Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls						_	<b>*</b> •••	
Glass Block	2%		<b>\$146400</b>	LIFE	* *	5	\$200	
Masonry: Brick	Location Misaligne Location	r Miss/Eroo 1 : Through d/Bulging, 1 : 2nd Floo	Extent : Light, Are	a Affecte	d : 15%	5	\$16,300	
	Location	ı : Through	out					
		1 : North W	ent : Light, Area Af Jest Corner	fected : 5	70			
Masonry: Fieldstone	13%			LIFE	* *	5	\$1,900	
Windows								
Aluminum	100% Water Per		\$24,900 Extent : Light, Area	2040 Affected	* * : 10%	5	\$1,500	
			Windows In Stairca			oughout		
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$3,000	
Concrete Masonry Unit	45%	2-4	\$4,500	LIFE	* *	5	\$2,000	
			d, Extent : Modera Locations Through		Affected : 15%			
Masonry: Brick	-		\$20,200 Extent : Moderate, Face	LIFE Area Afj	* * fected : 20%	5	\$1,800	
Roof								
Modified Bitumen	Location Ponding,	ad/Misposn 1 : Back Of	oderate, Area Affec					
Skylight, Metal/Glass	5%	0-2	\$4,100	2044	* *			
		tetration, E 1 : Lower Ro	Extent : Light, Area 200f	Affected	: 5%			
terior								
Floors	_					_	±	
Ceramic Tile	5%		<b>*</b> - ~ ~ -	2033	* *	5	\$700	
Terrazzo			\$6,900 Extent : Light, Ard	LIFE ea Affecte	* * ed : 10%	5	\$1,200	
Vinyl Tile	85%	0-2	\$5,400	2029	* *	3	\$4,800	
· /	Cracking/	Crumbling,	Extent : Moderate d Second Floor Red	e, Area Aj		-	4.,000	
Interior Walls				0				
Ceramic Tile	5%			2033	* *	5	\$900	
Concrete Masonry Unit	80%			LIFE	* *	5	\$6,000	

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

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

#### Asset # : 13259

Architecture	Curre	ent Repair	Future R	eplacement	Μ	aintenance	
System Component Type		ate Estimated Cost		stimated Cost		Estimated Cost	Priorit
terior							
Ceilings AcousTileConcealSpLn	Location : Varia Water Penetratio	\$5,400 ing, Extent : Light, Art ous Locations Through n, Extent : Light, Area	out Affected : 5		5	\$8,400	
Plaster	10% Now Horizontal Crack	nst Rear Wall On First 5 \$1,900 5, Extent : Severe, Area ment Boiler Room	LIFE	* *	5	\$900	
lectrical	Curre	ent Repair	Future R	eplacement	M	aintenance	
ystem Component Type		ate Estimated Cost		stimated Cost		Estimated Cost	Priorit
nder 600 Volts Service Equipment Fused Disc Sw	Location : Elect	n, Extent : Moderate, A trical Room 2ne 600 Amps Main Di.			5	\$100	
Switchgear / Switchboard	2.0.0.000000000000000000000000000000000						
Fused Disc Sw	100%		2044	* *	5	\$100	
Raceway Conduit	100%		2044	* *	1		
Panelboards							
Fused Disc Sw Molded Case Bkrs	5% 95%		2040 2040	* *	5 5	\$300	
Wiring	93%		2040		3	\$300	
Thermoplastic	100%		2044	* *	1		
Motor Controllers							
Locally Mounted	50%		2037	* *	5	<b>\$200</b>	
Motor Control Center	50%		2037	* *	5	\$200	
Grounding Devices Generic	100%		LIFE	* *	5	\$200	
ghting							
Interior Lighting Fluorescent	93% Other Observatio	n, Extent : Moderate, A	2029 Area Affecte	* * d : 100%	10	\$10,400	
	Location : Thro Explanation : T	-					
Fluorescent	2%	nt : Moderate, Area Aj	2019 ffected : 100	\$8,000	10	\$200	
Fluorescent	5%	t : Moderate, Area Aff	2029 ected : 100%	* *	10	\$600	

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

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

#### Asset #: 13259

Electrical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ighting								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	\$1,500	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10		
Alarm								
Security System								
No Component	70%						<b>*</b> 4 4 6 6	
Generic	30%			2024	\$11,000	1	\$1,400	
Fire/Smoke Detection								
Generic	100%			2024	\$125,400	1-3	\$7,500	
Mechanical		Current I	Renair	Futur	e Replacement	м	aintenance	
System	% of		Estimated Cost		Estimated Cost			Priority
Component	Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	rnorny
Туре	1000	(10015)				(115)		
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
			Extent : Severe, Are	a Affecte	d : 100%			
	Location	ı : Basemer	nt Gas Room					
	Explana	tion : There	e Is No Vent In The	Gas Me	ter Room			
Conversion Equipment	40000						<b>*</b>	
Hot Water Boiler	100%			2037	* *	1	\$6,000	
			Extent : Light, Area	Affected	: 100%			
			t Boiler Room					
<b>N</b>	Explana	tion : 1 Uni	t					
Distribution	1000/			20.40	* *	4	¢	
Hot Wtr Piping/Pump	100%			2040	* *	4	\$600	
Terminal Devices	60.04				<b>\$20.200</b>		<b>* 4 =</b> 00	
Air Handler	60%			2024	\$39,200	1	\$4,500	
Convector/Radiator	40%			2037	* *	1	\$1,600	
Air Conditioning								
Energy Source	1000/			20.40	* *	1		
Electricity	100%			2040	* *	1		
Conversion Equipment	1000	<b>N</b> 7	<b># 4</b> 000	000 1	<b>#7</b> 0.000	2	A -0.0	
Ext Pkg Unit -	100%	Now	\$4,000	2024	\$79,800	2	\$600	
Heating/Cooling		• . •		<i>cc</i> , 1	1000/			
		0	tent : Light, Area A	ffected :	100%			
	Location	-			. 1 1000/			
			Extent : Moderate, A	area Affe	cted : 100%			
	Location	-				. F.C		
	Explana	tion : 3 Pac	ckage Units. The U	nıt Servi	ng 1st Floor Is Not	t Efficien	t	
Vantilation								
Ventilation								
Ventilation Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,800	

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 # : 13259

Mechanical	Current Repair	Euturo Bo	placement	м	aintenance	
System						
Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Exhaust Fans						
Interior	80%	2029	* *	2	\$300	
Roof	20%	2024	\$1,900	2	\$100	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2044	* *	1		
Water Heater						
Gas Fired	100%	2022	\$2,800	2	\$200	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s)						
Electric	100%	2024	\$11,000	4	\$1,600	
	Other Observation, Extent : Light, Ar	ea Affected : 100	0%			
	Location : Boiler Room					
	Explanation : 1 Set					
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Light, Ar	ea Affected : 100	0%			
	Location : B - 2					
	Explanation : 1 Unit					
Fire Suppression						
Sprinkler						
No Component	70%		, .		<b>*</b> • • •	
Generic	30%	2044	* *	1-2	\$1,000	

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

#### **BROOKLYN PUBLIC LIBRARY - FY 2016** Print Date: 23-Oct-2015

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$660,100	
Interior Architecture	\$71,200	\$260,400
Electrical	\$622,500	\$35,900
Mechanical		\$106,000
Total	\$1,353,800	\$402,400
Importance Code A	\$660,100	
Importance Code B	\$693,700	\$402,400
Total	\$1,353,800	\$402,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$83,200			
Interior Architecture	\$50,500			\$3,900
Electrical	\$20,200	\$900	\$38,700	\$1,000
Mechanical	\$16,900	\$2,500	\$5,500	\$3,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$174,800	\$7,400	\$48,100	\$11,900
Importance Code A	\$93,800	\$1,200	\$1,200	\$1,200
Importance Code B	\$62,800	\$6,200	\$46,900	\$10,700
Importance Code C	\$18,200			
Total	\$174,800	\$7,400	\$48,100	\$11,900



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

#### Asset # : 4203

rchitecture	Current Repair Future Replacement					nt Maintenance		
stem Component Type	% of Fail Da Total (Years	te Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
terior								
Exterior Walls	20/ N	фс. соо		ste ste	-	<b>\$2</b> ,000		
Cast in Place Concrete	Location : Canop	\$6,600 ng, Extent : Severe, A vy At Service Entranc ment, Extent : Severe	e		5	\$3,000		
	Location : Canop	oy At Service Entranc	е					
Masonry: Brick	Location : Corne Efflorescence, Ext Location : Throu Jnt Mortar Miss/E	ent : Moderate, Area ghout rod, Extent : Severe, A	Affected : 1	20%	5	\$24,100	1	
	Location : Aroun Rusting Masonry S	g, Extent : Severe, Ar d Windows Supt, Extent : Modera	te, Area Aj					
		eads, Around Windov				<b></b>		
Metal Panel	2% Now Corrosion/Rusting Location : Extern	\$2,100 , Extent : Severe, Are for Doors	2050 a Affected	* *	5	\$1,100	1	
	Location : Extern	h, Extent : Severe, Ar						
Granite Panels	Location : South	g, Extent : Moderate,			5	\$1,100		
Slate Panels	10% Now Cracking/Crumbli Location : North	\$30,800 ng, Extent : Moderate Facade	LIFE e, Area Affe	* * ected : 25%	5	\$2,200		
	Spalling, Extent : I Location : North	Moderate, Area Affect Facade	ted : 20%					
Windows	1000/	ф <u>акт</u> асс	20.40			<u></u>		
Aluminum	Location : Throu	-			5	\$4,400		
	Location : Throu Glazing Clouded, .	Extent : Moderate, Ar						
		ghout , Extent : Moderate, A Facade, South Facad		eed : 20%				
		sing, Extent : Modera		ffected : 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 # : 4203

Architecture	Current Repair Future Replacement Maintenance						
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Parapets	050/ Norr	¢77.200	LIDE	* *	5	¢4.500	1
Masonry: Brick	95% Now Diagonal Cracks, Exte	\$77,200 ent : Moderate Ar	LIFE		5	\$4,500	1
	Location : Corners, 7		eungee	ieu : 1070			
	Efflorescence, Extent :	-	Affected	: 10%			
	Location : Throughout		55				
	Horizontal Cracks, Ex	tent : Moderate, A	rea Affe	cted : 10%			
	Location : Throughout	ut					
	Jnt Mortar Miss/Erod,		Area Affe	ected : 50%			
	Location : Throughout						
	Water Penetration, Ex		55	cted : 20%			
	Location : North Fac	cade, South Facaa	le				
Masonry: Limestone	5% Now	\$2,500	LIFE	* *	5	\$300	
	Jnt Mortar Miss/Erod,	Extent : Moderat	e, Area I	Affected : 35%			
	Location : Coping Caulking Deteriorated	Eutont Madana	40 1 100	Affected , 250/			
	Location : Coping	, Extent . Modera	ie, Areu	Ajjecieu . 55%			
Roof	Location Coping						
Modified Bitumen	100% Now	\$25,600	2029	* *			
	Blisters, Extent : Mode	erate, Area Affecte	ed : 10%				
	Location : Roof Over	Second Floor					
	Drains Inad/Misposn,		e, Area A	ffected : 25%			
	Location : Roof Over						
	Ponding, Extent : Seve						
• . ·	Location : Lower Ro	of Along New Lot.	s Avenue				
Interior Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$3,900	
Ceramic Tile	3%		2027	* *	5	\$1,100	
Terrazzo	5% 0-2	\$4,100	LIFE	* *	5	\$1,400	
	Ponding, Extent : Mod	lerate, Area Affect	ted : 5%				
	Location : Landing C	Of Main Staircase	- Slippin	ng Hazard			
Vinyl Tile	87% 2-4	\$13,000	2024	\$260,400	3	\$11,600	
	Cracking/Crumbling, I	Extent : Light, Are	ea Affecte	ed : 5%			
	Location : First Floo	r					

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 # : 4203

			ASSet # : 4	203				
Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
iterior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,100	
Glass: Single Pane	2%	0-2	\$15,700	LIFE	* *	5	\$400	
C	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 10%			
	Location	ı : Vestibule	e Doors At First, B	asement	And Second Floor.	5		
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	cted : 25%			
	Locatior	ı : Vestibule	e Doors At Baseme	nt, First	And Second Floor.	\$		
	Explana	tion : Deter	riorated Finish					
Gypsum Board	10%			LIFE	* *	5	\$1,600	
Marble Panels	5%			LIFE	* *	5	φ1,000	
Plaster	68%			LIFE	* *	5	\$5,400	
SGFT/Glazed Masonry	5%	Now	\$2,500	LIFE	* *	5	ψ <b>υ</b> , <b>τ</b> 00	
SGI 1/Glazed Masoliny			Extent : Moderate		ffected · 2%			
	0	0	ir Between Basem					
			xtent : Light, Area					
			ir Between Basem					
Ceilings	Becuitor		in Derreen Dasen.					
AcousTileConcealSpLn	25%	Now	\$71,200	2044	* *	5	\$5,600	
RedustneedheedhspEn			e, Extent : Light, Ar		ted · 10%	5	φ5,000	
		ı : Through		0011,500				
		-	Extent : Moderate	Area A	ffected · 25%			
	-	i : Through		,	<i>Jeelea</i> <b>1</b> <i>20 7</i> 0			
		-	xtent : Moderate, A	rea Affe	cted · 20%			
			Floors, Around Wir		cica : 2070			
A coueTileSuce I or In	50%				* *	5	\$17,800	
AcousTileSusp.Lay-In	30% 25%	Now	\$5 800	2037 LIFE	* *	5 5	\$17,800	
Plaster			\$5,800 xtent : Light, Area			5	\$5,000	
		i : Stairwell	-	Ајјестей	. 570			
	Locuitor	<i>i</i> . Siuii weii	,					
Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Vear	Estimated Cost	Cycle	Estimated Cost	Priority
Component	Total	(Years)	Louinated Cost	FY	Lotinuteu Cost	(Yrs)	Lonnated Cost	1 1101103
Туре		· · ·				· · ·		
Inder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$2,500	5	\$100	
			Extent : Moderate, A	Area Affe	cted : 100%			
		ı : Electrica						
	Explana	tion : One	1200 Amps Main D	isconnec	t Switch			
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	\$16,000	5	\$100	
Molded Case Bkrs	50%			2024	\$16,000	5	\$300	
Raceway								
Conduit	70%			2034	* *	1		
Conduit	30%			2024	\$9,300	1		

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

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

Asset # : 4203

Electrical		Current R	ASSEL # . 4		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								
Panelboards								
Fused Disc Sw	10%			2023	\$2,200	5	\$100	
Molded Case Bkrs	60%			2023	\$13,300	5	\$400	
Molded Case Bkrs	30%			2040	* *	5	\$200	
Wiring								
Braided Cloth		2-4 Aged, Exte : Throught	\$19,200 nt : Moderate, Are out	2049 a Affecte	* * ed : 100%	1		
Thermoplastic	30%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	\$35,900	5	\$100	
Locally Mounted	20%			2037	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	75%			2019	\$583,600	10	\$16,300	
		os, Extent : : Throughe	Moderate, Area Aj out	fected : .	100%			
Fluorescent	20%			2029	* *	10	\$4,400	
	-	, Extent : M : Througho	Ioderate, Area Affa out	ected : 10	00%			
Incandescent	5%			2019	\$38,900	2		
Egress Lighting								
Emergency, Battery	10%			2029	* *	10	\$600	
Emergency, Battery	40%			2019	\$12,700	10	\$2,300	
Exit, Service	5%			2029	* *	1		
Exit, Service	45%			2019	\$1,500	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	\$2,700	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	* *	1-3	\$5,300	
Mechanical		Current R	Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Vear	Estimated Cost	Cycle	Estimated Cost	Priority
Component	Total	(Years)	Lonnarcu Cost	FY	Lonnarea Cost	(Yrs)	Lonnarca Cost	linuy
Туре		(=====;				(====)		
Heating								
Energy Source					<u>.</u>			
Notural Cas	1000/			2044	* *	1		

\* \*

1

2044

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

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

100%

Natural Gas

#### Asset # : 4203

Mechanical	Current Repair Future Replacement			ent Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Hot Water Boiler	Location	: Boiler R	\$10,600 evere, Area Affected oom Extent : Light, Area		**	1	\$10,600	
	Location	: Basemen tion : One l	nt –	55				
Distribution Hot Wtr Piping/Pump	100%			2032	* *	4	\$1,200	
Terminal Devices Convector/Radiator	100%			2029	* *	1	\$7,700	
Air Conditioning Energy Source Electricity	100%			2040	* *	1		
Conversion Equipment Int Pkg Unit - Cooling	e e	0	tent : Light, Area A In The Basement	2025 ffected :	\$106,000 100%	2	\$500	
Ext Pkg Unit - Cooling	Location R-22 Refri	: Unit # 4	\$1,400 Ioderate, Area Affe tent : Light, Area A			2	\$800	
Terminal Devices Fan Coil - Cooling No Component	10% 90%	. 2 Onus R		2029	* *	1	\$800	
Heat Rejection Air Condenser Unit No Component	10% 90%			2029	* *	2	\$1,700	
Ventilation Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,200	
Exhaust Fans Interior			\$300 t : Severe, Area Afj	2024 Tected : 2	\$13,000	2	\$300	
Roof	50% Corroded,	Now	nt Staff Lounge \$500 Joderate, Area Affe haust Fans	2024 cted : 15	\$9,300 %	2	\$300	
lumbing		v						
H/C Water Piping Brass/Copper Galv Iron/Steel	50% 50%			2044 2029	* * * *	1		

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

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

#### Asset # : 4203

Mechanical	Current Repair	Current Repair Future Replacement				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater	1000/	2022	¢5 500	2	¢200	
Gas Fired	100% Other Observation, Extent : Light, Area	2022 Affected · 100	\$5,500	2	\$300	
	Location : Basement	ngjeereu i 100				
	Explanation : One Unit					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	1000/ N. ¢1.600		* *	1		
Cast Iron	100% Now \$1,600 Blockage /Clogged, Extent : Moderate,	LIFE Area Affected :		1		
	Location : Roof Drain	л <i>еи Л</i> јесіеи .	570			
	Corroded, Extent : Moderate, Area Affe	cted : 5%				
	Location : At Lobby Ceiling, Leaking		iin			
Sewage Ejector(s)						
Electric	100%	2029	* *	4	\$2,500	
	Other Observation, Extent : Light, Area	Affected : 100	%			
	Location : Basement					
Backflow Preventer	Explanation : Not Accessible					
No Component	90%					
Generic	10%	2024	\$200	1	\$200	
	Other Observation, Extent : Light, Area	Affected : 100	%			
	Location : Basement					
	Explanation : Boiler Make Up Line					
Fixtures	1000/					
Generic /ertical Transport	100%					
Elevators						
Hydraulic	100%	LIFE	* *			
5	Other Observation, Extent : Light, Area	Affected : 100	%			
	Location : B-2					
	Explanation : 1 Unit					
Fire Suppression						
Sprinkler No Component	95%					
Generic	5%	2034	* *	1-2	\$300	
Chemical System	570	203 f		1 4	φ500	
No Component	90%					
Generic	10%	2022	\$2,600	1-3	\$5,100	
	Other Observation, Extent : Light, Area	Affected : 100	%			
	Location : Throughout					
	Explanation : 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. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

#### Print Date: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

Asset Name	: NEW UTRECHT BRANCH LIBRARY	Y	
Address	: 1743 86TH ST. @BAY 17 STREET		
Borough	: BROOKLYN	Agency's Number	: 51
Program / Asset #	: BPL0005.000 / 4204	Yr Built/Renovated	: 1956 / 2000
Area Sq Ft	: 22,455	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 23-Jul-2012	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 6343 Lot : 64	BIN	: 3165745

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$222,200	
Interior Architecture	\$212,400	
Electrical		\$852,500
Total	\$434,500	\$852,500
Importance Code A	\$222,200	
Importance Code B	\$212,400	\$852,500
Total	\$434,500	\$852,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$22,800	\$500		
Interior Architecture	\$42,600	\$3,200	\$400	
Electrical	\$17,400	\$900	\$600	\$700
Mechanical	\$7,300	\$2,200	\$4,700	\$2,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$94,000	\$10,700	\$9,700	\$6,900
Importance Code A	\$23,800	\$1,700	\$1,100	\$1,100
Importance Code B	\$47,200	\$9,100	\$8,600	\$5,800
Importance Code C	\$23,000			
	. ,			



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 # : 4204

chitecture		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
erior								
Exterior Walls Masonry: Brick	Location Vertical C Location	: East Fac racks, Exte : At North	\$38,200 d, Extent : Moderat vade, Chimney ont : Moderate, Are west Corner	a Affecte	ed : 5%	5	\$25,600	
		etration, E : At Stairs	xtent : Moderate, A Walls	Area Affe	cted : 30%			
Masonry: Fieldstone	1% Jnt Morta	0-2	\$1,200 d, Extent : Light, Ai	LIFE rea Affec	* * ted : 10%	5	\$200	
Masonry: Limestone		Now r Miss/Erod : Through	\$12,300 d, Extent : Moderat out	LIFE e, Area A	* * Affected : 10%	5	\$1,700	
Window Wall	1%			2043	* *	5	\$1,100	
Windows Aluminum	Location Deformed Location Hardware	: Through Dented, Ez : Through	xtent : Moderate, A out Extent : Moderate, A	rea Affeo	cted : 40%	5	\$2,200	
Parapets	50/			LIPP	* *	F	¢ 400	
Cast Stone/Terra Cotta Masonry: Brick	Location Jnt Morta	: Through r Miss/Eroc	\$2,800 Extent : Moderate out d, Extent : Severe, A Face Of South Para	Area Affe	* * ffected : 20%	5 5	\$400 \$1,000	1
Masonry: Limestone	5% Jnt Morta	0-2	\$600 d, Extent : Light, At	LIFE	* * ted : 10%	5	\$100	
Roof								
Modified Bitumen	Location Water Pen	: Main Roo etration, E	\$5,900 derate, Area Affecto of ixtent : Moderate, A 2 Room Ceiling		* * 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

rchitecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
zstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Floors						_	<b>** *</b> **	
Cast in Place Concrete	5%			LIFE	* *	5	\$3,700	
Ceramic Tile	5%			2032	* *	5	\$1,700	
Terrazzo	5%			LIFE	* *	5	\$1,300	
Vinyl Tile	10%			2028		3	\$1,300	
Vinyl Tile	Location	ervation, E 1 : Through tion : 9x9 T		2018 Affected	\$212,400 1 : 100%	3	\$9,500	
Interior Walls	Блриани	1000 . 727 1	1105					
Gypsum Board	10%			LIFE	* *	5	\$1,800	
Plaster	80%			LIFE	* *	5	\$7,200	
SGFT/Glazed Masonry	10% // <i>Cracking</i>		\$23,000 Extent : Light, Are	LIFE	* * ed : 10%		,	
	Water Per	-	xtent : Moderate, A	Area Affe	cted : 30%			
Ceilings			<b>*</b> • <b>=</b> • •			_	<b>*</b>	
AcousTileConcealSpLn	Cracking/	0-2 Crumbling, t : Through	\$6,700 Extent : Light, Are out	2036 ea Affecte	* * ed : 10%	5	\$5,300	
Exposed Concrete	10%			LIFE	* *	5	\$500	
Gypsum Board	10%			LIFE	* *	5	\$4,200	
Plaster			\$12,000 xtent : Moderate, A Recreational Roor		* * cted : 2%	5	\$11,600	
	Locunor							
lectrical	Locunor	Current F	Repair	Futur	e Replacement	М	aintenance	
stem		Current F			e Replacement		aintenance Estimated Cost	Priori
	% of Total		Repair Estimated Cost		e Replacement Estimated Cost		aintenance Estimated Cost	Priori
rstem Component Type der 600 Volts	% of	Fail Date		Year		Cycle		Priori
stem Component Type der 600 Volts Service Equipment	% of Total	Fail Date		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
rstem Component Type der 600 Volts	% of Total 100% Other Obs	Fail Date (Years)	Estimated Cost	Year FY 2023	Estimated Cost \$2,500	Cycle		Priori
rstem Component Type der 600 Volts Service Equipment	% of Total 100% Other Obs Location	Fail Date (Years)	Estimated Cost	Year FY 2023 Area Affe	Estimated Cost \$2,500 acted : 100%	Cycle (Yrs)	Estimated Cost	Priori
rstem Component Type der 600 Volts Service Equipment	% of Total 100% Other Obs Location	Fail Date (Years)	Estimated Cost stent : Moderate, A	Year FY 2023 Area Affe	Estimated Cost \$2,500 acted : 100%	Cycle (Yrs)	Estimated Cost	Priori
rstem Component Type der 600 Volts Service Equipment Fused Disc Sw	% of Total 100% Other Obs Location	Fail Date (Years)	Estimated Cost stent : Moderate, A	Year FY 2023 Area Affe	Estimated Cost \$2,500 acted : 100%	Cycle (Yrs)	Estimated Cost	Priori
rstem Component Type der 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard	% of Total 100% Other Obs Location Explana	Fail Date (Years)	Estimated Cost stent : Moderate, A	Year FY 2023 Area Affe	Estimated Cost \$2,500 octed : 100% Switch	Cycle (Yrs) 5	Estimated Cost \$100	Priori
rstem Component Type der 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs	% of Total 100% Other Obs Location Explana 50%	Fail Date (Years)	Estimated Cost stent : Moderate, A	Year FY 2023 Area Affe sconnect 2023	Estimated Cost \$2,500 octed : 100% Switch \$16,000	Cycle (Yrs) 5	Estimated Cost \$100 \$300	Priori
stem Component Type der 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Molded Case Bkrs	% of Total 100% Other Obs Location Explana 50%	Fail Date (Years)	Estimated Cost stent : Moderate, A	Year FY 2023 Area Affe sconnect 2023	Estimated Cost \$2,500 octed : 100% Switch \$16,000	Cycle (Yrs) 5	Estimated Cost \$100 \$300	Priori
stem Component Type der 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Molded Case Bkrs Raceway	% of Total 100% Other Obs Location Explana 50% 50%	Fail Date (Years)	Estimated Cost stent : Moderate, A	Year FY 2023 Area Affe sconnect 2023 2023	Estimated Cost \$2,500 ected : 100% Switch \$16,000 \$16,000	<b>Cycle</b> (Yrs) 5 5 5 5	Estimated Cost \$100 \$300	Priori
rstem Component Type Ider 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Molded Case Bkrs Raceway Conduit	% of Total 100% Other Obs Location Explana 50% 50%	Fail Date (Years)	Estimated Cost stent : Moderate, A	Year FY 2023 Area Affe sconnect 2023 2023 2023	Estimated Cost \$2,500 octed : 100% Switch \$16,000 \$16,000 \$18,600	Cycle (Yrs) 5 5 5 5 1	Estimated Cost \$100 \$300	Priori
rstem Component Type Ider 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Molded Case Bkrs Raceway Conduit Conduit	% of Total 100% Other Obs Location Explana 50% 50%	Fail Date (Years)	Estimated Cost stent : Moderate, A	Year FY 2023 Area Affe sconnect 2023 2023 2023	Estimated Cost \$2,500 octed : 100% Switch \$16,000 \$16,000 \$18,600	Cycle (Yrs) 5 5 5 5 1	Estimated Cost \$100 \$300	Priorit
Type Ider 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Molded Case Bkrs Raceway Conduit Conduit Panelboards	% of Total           100%           Other Obs           Location           Explana           50%           50%           60%           40%	Fail Date (Years)	Estimated Cost stent : Moderate, A	Year FY 2023 Area Affe 2023 2023 2023 2023 2023	Estimated Cost \$2,500 octed : 100% Switch \$16,000 \$16,000 \$18,600 **	Cycle (Yrs) 5 5 1 1 1	Estimated Cost \$100 \$300 \$300	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.

### Asset # : 4204

		3Cl # . 4204				
Electrical	Current Repair	r Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring	6004 <b>0</b> 4	¢1 < 500 00.40	de de			
Braided Cloth	60% 2-4	\$16,500 2048	**	1		
	Insulation Aged, Extent : M Location : Throughout	loderate, Area Affecte	ed : 100%			
		20.42	* *	1		
Thermoplastic	30%	2043	* *	1		
Thermoplastic	10%	2049	<b>Υ</b> Υ	1		
Motor Controllers Locally Mounted	10%	2040	* *	5		
Locally Mounted	90%	2040	* *	5	\$100	
Ground	9070	2030		5	\$100	
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
	Other Observation, Extent		ected : 100%	-		
	Location : Basement					
	Explanation : Water Mai	n				
Lighting						
Interior Lighting						
Fluorescent	85%	2023	\$625,800	10	\$17,500	
	Other Observation, Extent	: Moderate, Area Affe	ected : 100%			
	Location : Throughout	T				
	Explanation : Using T-12		¢14,500	10		
HID	5%	2023	\$14,500	10	¢100	
Incandescent	10%	2023	\$73,600	2	\$100	
Egress Lighting	<b>5</b> 00/	2022	\$5 500	1		
Emergency, Service Exit, Service	50% 50%	2023 2023	\$5,500 \$1,600	1 1		
Exterior Lighting	50%	2023	\$1,000	1		
HID	100%	2023	\$84,000	10	\$100	
Alarm	100/0	2023	401,000	10	φ100	
Security System						
No Component	80%					
Generic	20%	2023	\$13,500	1	\$1,700	
Fire/Smoke Detection						
No Component	70%					
Generic	30%	2023	\$69,100	1-3	\$4,300	
Mechanical	Current Repai	r Futur	e Replacement	М	aintenance	
System	% of Fail Date Estin		Estimated Cost		Estimated Cost	Duiouit
Component	Total (Years)	mated Cost Year FY	Estimated Cost	(Yrs)	Estimated Cost	Friority
Туре		* 1		(115)		
Heating						
Energy Source	1000/	• • • •				
Natural Gas	100%	2043	* *	1		

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

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

### Asset # : 4204

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								
Conversion Equipment								
Hot Water Boiler	Location Other Obs Location	oning, Exte 1 : Thermos				1	\$10,000	
Distribution	*							
Hot Wtr Piping/Pump	100%			2039	* *	4	\$1,100	
Terminal Devices								
Air Handler	40%			2028	* *	1	\$5,600	
Convector/Radiator	60%			2036	* *	1	\$4,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
<b>Conversion Equipment</b>								
Ext Pkg Unit - Cooling		oning, Exte	\$5,100 nt : Moderate, Area stat Control System		* * d : 5%	2	\$1,100	
Terminal Devices								
Direct Expansion	100%			2028	* *	1		
/entilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,500	
Exhaust Fans								
Interior			\$100 lerate, Area Affecte ms	2028 ed : 5%	* *	2	\$100	
Roof	90%			2028	* *	2	\$600	
lumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	\$5,200	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators	100-							
Hydraulic	Location	servation, E 1 : B-2	Extent : Light, Area	LIFE Affected	* * ! : 100%			
	Explana	tion : 1 Uni	it					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$225,200	
Interior Architecture		\$159,700
Electrical	\$572,000	
Mechanical	\$196,600	
Total	\$993,800	\$159,700
Importance Code A	\$225,200	
Importance Code B	\$768,600	\$159,700
Total	\$993,800	\$159,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$34,900		\$10,700	
Interior Architecture	\$37,300		\$900	\$66,200
Electrical	\$10,400	\$1,100	\$39,700	\$900
Mechanical	\$1,700	\$9,200	\$11,100	\$2,100
Total	\$84,300	\$10,300	\$62,300	\$69,200
Importance Code A	\$35,700	\$800	\$11,600	\$800
Importance Code B	\$36,500	\$9,500	\$50,700	\$68,400
Importance Code C	\$12,100			
Total	\$84,300	\$10,300	\$62,300	\$69,200



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.

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

### BROOKLYN PUBLIC LIBRARY - 038 PACIFIC BRANCH LIBRARY

## Asset # : 13261

rchitecture	Curre	nt Repair	Future	Replacement	М	aintenance	
rstem Component Type	% of Fail Da Total (Year	te Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls							
Masonry: Brick	85%		LIFE	* *	5	\$34,600	
Masonry: Fieldstone	5% Now	\$34,900	LIFE	* *	5	\$1,500	
		Crod, Extent : Modera	-	ffected : 35%			
		ning Walls At Exterio					
	-	nt : Moderate, Area A	-	5%			
		ning Walls At Exterio					
Masonry: Limestone	10% Now	. ,	LIFE	**	5	\$3,100	
		ing, Extent : Light, Ar	ea Affecteo	1 : 15%			
	Location : Wind	ows stus Grod, Extent : Modera	to Area A	facted , 250/			
	Location : Wind		іе, Агеи Ај	<i>Jecieu</i> . 2570			
		ing, Extent : Moderate	> Area Aff	ected · 15%			
	Location : At Wi	-	, 1110a 11 <u>5</u> 5				
Windows							
Wood	100% Now	\$126,400	2049	* *	5	\$22,700	
		sh, Extent : Moderate,	Area Affe	cted : 50%			
	Location : Throi	-					
	-	racked, Extent : Light		ected : 5%			
		us Locations Through					
		ent, Extent : Moderat	e, Area Aff	ected : 50%			
	Location : Throi	-	Affected	250/			
	Location : Throi	ent : Moderate, Area ghout	Ajjeciea :	23%0			
Parapets	200000000000000						
Masonry: Brick	80% Now	\$49,800	LIFE	* *	5	\$4,400	
5	Jnt Mortar Miss/E	Erod, Extent : Modera		ffected : 10%		. ,	
	Location : Interi	or Face					
	Spalling, Extent :	Moderate, Area Affec	ted : 30%				
	Location : Interi	or Face					
Masonry: Limestone	10%		LIFE	* *	5	\$700	
Metal Panel	10%		2044	* *	5	\$2,100	
Roof	400/		2022	* *	10	¢1 100	
Asphalt Shingle	40%		2033	* *	10	\$1,100	
Modified Bitumen erior	60%		2029	-114	10	\$9,600	
Floors							
Carpet	20%		2020	\$61,900	3	\$9,800	
Cast in Place Concrete	10%		LIFE	* *	5	\$5,400	
Ceramic Tile	5%		2027	* *	5	\$1,200	
Sheet Vinyl/Rubber	5%		2024	\$36,000	5	\$1,800	
Vinyl Tile	60% 0-2	\$12,400	2024	\$123,700	3	\$5,500	
	-	ing, Extent : Moderate	e, Area Aff	ected : 15%			
	Location : 2nd F	loor					
			A	101 · 100/			
	Other Observation	n, Extent : Moderate, . nent And Meeting Roo		ted : 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.

### BROOKLYN PUBLIC LIBRARY - 038 PACIFIC BRANCH LIBRARY

### Asset # : 13261

			Asset # : 13	-••				
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
terior								
Interior Walls						_		
Ceramic Tile	5%			2027	* *	5	\$900	
Gypsum Board	10%	2.4	¢11 coo	LIFE	* *	5	\$1,100	
Plaster	80% Cracking/	2-4 Crumbling	\$11,600 Extent : Light, Are	LIFE		5	\$4,400	
	-	: Basemen	-	и Ајјесн	ea . 570			
Wood	5%	·· Dusemen		LIFE	* *	5	\$3,700	
Ceilings	3%			LIFE		5	\$3,700	
AcousTileSusp.Lay-In	5%	Now	\$9,800	2044	* *	5	\$600	
medus meduspillay m			ents, Extent : Seve		Affected : 10%	5	<b>4000</b>	
		-	athroom In Baseme					
	Loose/Del	am Surface	e, Extent : Severe, A	rea Affe	cted : 20%			
	Location	: Men's Bo	athroom In Baseme	nt				
	Misaligne	d/Bulging,	Extent : Severe, Ar	ea Affect	ed : 40%			
	Location	: Men's Bo	throom In Baseme	nt				
Gypsum Board	5%			LIFE	* *	5	\$1,500	
Plaster	90%			LIFE	* *	5	\$13,800	
lectrical		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem	% of	Fail Date	Estimated Cost	Year	<b>Estimated Cost</b>	Cycle	<b>Estimated Cost</b>	Priorit
Component								1 1 101 10
Component Type	Total	(Years)		FY		(Yrs)	25000000000000	111011
Туре		(Years)					200000000000000000000000000000000000000	1 110110
Туре		(Years)						
Type nder 600 Volts		(Years)			\$1,500		\$400	
Type nder 600 Volts Service Equipment	<b>Total</b>		Sxtent : Moderate, A	<b>FY</b> 2024	\$1,500	(Yrs)		
Type nder 600 Volts Service Equipment	Total 100% Other Obs Location	ervation, E : Electrico	al Room	FY 2024 Area Affe	\$1,500 sected : 100%	(Yrs)		
Type nder 600 Volts Service Equipment Molded Case Bkrs	Total 100% Other Obs Location	ervation, E : Electrico		FY 2024 Area Affe	\$1,500 sected : 100%	(Yrs)		
Type nder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard	Total 100% Other Obs Location Explana	ervation, E : Electrico	al Room	FY 2024 Area Affe	\$1,500 ccted : 100% Switch	( <b>Y</b> rs)	\$400	
Type nder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs	Total 100% Other Obs Location	ervation, E : Electrico	al Room	FY 2024 Area Affe	\$1,500 sected : 100%	(Yrs)		
Type nder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway	Total 100% Other Obs Location Explanat 100%	ervation, E : Electrico	al Room	FY 2024 Area Affe <u>sconnect</u> 2024	\$1,500 octed : 100% Switch \$32,000	(Yrs) 5 5	\$400	
Type nder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	Total 100% Other Obs Location Explana	ervation, E : Electrico	al Room	FY 2024 Area Affe	\$1,500 ccted : 100% Switch	( <b>Y</b> rs)	\$400	
Type         nder 600 Volts         Service Equipment         Molded Case Bkrs         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards	Total 100% Other Obs Location Explana 100%	ervation, E : Electrico	al Room	<b>FY</b> 2024 Area Affe 300000000000000000000000000000000000	\$1,500 acted : 100% Switch \$32,000 \$31,100	(Yrs) 5 5 1	\$400	
Type         nder 600 Volts         Service Equipment         Molded Case Bkrs         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw	Total           100%           Other Obs           Location           Explanat           100%           100%           100%	ervation, E : Electrico	al Room	<b>FY</b> 2024 Area Affe 2024 2024 2024 2023	\$1,500 sected : 100% Switch \$32,000 \$31,100 \$1,500	(Yrs) 5 5 1 5	\$400	
Type         nder 600 Volts         Service Equipment         Molded Case Bkrs         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs	Total 100% Other Obs Location Explana 100%	ervation, E : Electrico	al Room	<b>FY</b> 2024 Area Affe 300000000000000000000000000000000000	\$1,500 acted : 100% Switch \$32,000 \$31,100	(Yrs) 5 5 1	\$400	
Type         nder 600 Volts         Service Equipment         Molded Case Bkrs         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs	Total           100%           Other Obs           Location           Explana           100%           100%           100%           90%	ervation, E : Electrico	al Room	FY 2024 Area Affe 2024 2024 2023 2023	\$1,500 octed : 100% Switch \$32,000 \$31,100 \$1,500 \$13,300	(Yrs) 5 5 1 5 5	\$400	
Type         nder 600 Volts         Service Equipment         Molded Case Bkrs         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic	Total           100%           Other Obs           Location           Explanat           100%           100%           100%	ervation, E : Electrico	al Room	<b>FY</b> 2024 Area Affe 2024 2024 2024 2023	\$1,500 sected : 100% Switch \$32,000 \$31,100 \$1,500	(Yrs) 5 5 1 5	\$400	
Type         nder 600 Volts         Service Equipment         Molded Case Bkrs         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers	Total           100%           Other Obs           Location           Explana           100%           100%           100%           100%           100%           100%           100%           100%           100%	ervation, E : Electrico	al Room	FY 2024 Area Affe 2024 2024 2024 2023 2023 2023	\$1,500 octed : 100% Switch \$32,000 \$31,100 \$1,500 \$13,300 \$27,500	(Yrs) 5 5 1 5 5 1	\$400 \$400 \$400	
Type         inder 600 Volts         Service Equipment         Molded Case Bkrs         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted	Total           100%           Other Obs           Location           Explana           100%           100%           100%           90%	ervation, E : Electrico	al Room	FY 2024 Area Affe 2024 2024 2023 2023	\$1,500 octed : 100% Switch \$32,000 \$31,100 \$1,500 \$13,300	(Yrs) 5 5 1 5 5	\$400	
Type         inder 600 Volts         Service Equipment         Molded Case Bkrs         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted         rround	Total           100%           Other Obs           Location           Explana           100%           100%           100%           100%           100%           100%           100%           100%           100%	ervation, E : Electrico	al Room	FY 2024 Area Affe 2024 2024 2024 2023 2023 2023	\$1,500 octed : 100% Switch \$32,000 \$31,100 \$1,500 \$13,300 \$27,500	(Yrs) 5 5 1 5 5 1	\$400 \$400 \$400	
Type         inder 600 Volts         Service Equipment         Molded Case Bkrs         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted	Total           100%           Other Obs           Location           Explana           100%           100%           100%           100%           100%           100%           100%           100%           100%	ervation, E : Electrico	al Room	FY 2024 Area Affe 2024 2024 2024 2023 2023 2023	\$1,500 octed : 100% Switch \$32,000 \$31,100 \$1,500 \$13,300 \$27,500	(Yrs) 5 5 1 5 5 1	\$400 \$400 \$400	
Type         nder 600 Volts         Service Equipment         Molded Case Bkrs         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted         round         Grounding Devices	Total           100%           Other Obs           Location           Explana           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%	ervation, E : Electrica tion : One e 	ıl Room 800 Amps Main Dis	FY 2024 Area Affe 2024 2024 2024 2023 2023 2024 2022 LIFE	\$1,500 ccted : 100% Switch \$32,000 \$31,100 \$1,500 \$13,300 \$27,500 \$29,900 ***	(Yrs) 5 5 1 5 5 1 5 5	\$400 \$400 \$400 \$100	
Type         nder 600 Volts         Service Equipment         Molded Case Bkrs         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted         round         Grounding Devices	Total           100%           Other Obs           Location           Explana           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%	ervation, E : Electrica tion : One e 	ıl Room 800 Amps Main Dis 	FY 2024 Area Affe 2024 2024 2024 2023 2023 2024 2022 LIFE	\$1,500 ccted : 100% Switch \$32,000 \$31,100 \$1,500 \$13,300 \$27,500 \$29,900 ***	(Yrs) 5 5 1 5 5 1 5 5	\$400 \$400 \$400 \$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.

# **BROOKLYN PUBLIC LIBRARY - 038**

# PACIFIC BRANCH LIBRARY

### Asset # : 13261

lectrical		Current	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ghting								
Interior Lighting	<b>500</b>				<b>\$251 200</b>	10	<b>\$2.000</b>	
Fluorescent	68%		Sector Madamata	2019	\$351,300	10	\$9,800	
			Extent : Moderate, A cout The Building	Area Affe	cted : 100%			
		tion : T-12	-					
			Lamps	2020	* *	10	¢4.200	
Fluorescent	30% T & Lamp		Moderate, Area Affe	2029		10	\$4,300	
	-		& 2nd Floor	<i>cieu</i> . 10	0070			
Incandescent	2%		211111001	2019	\$10,300	2		
Egress Lighting	290			2019	\$10,500	Z		
Egress Lighting Emergency, Battery	50%			2019	\$10,500	10	\$1,900	
Exit, Service	50%			2019	\$1,100	10	φ1,900	
Exit, Service			Extent : Moderate,			1		
			out The Building	11100119	10070			
Exterior Lighting								
HID	100%			2019	\$59,000	10		
arm	10070			2017	<i>QOJ,OOO</i>	10		
Fire/Smoke Detection								
Generic	100%			2019	\$161,700	1-3	\$9,700	
					· · ·			
lechanical		Current	Repair	Futur	e Replacement	M	aintenance	
vstem	% of		Repair Estimated Cost		e Replacement Estimated Cost		aintenance Estimated Cost	Priori
vstem Component	% of Total							Priori
zstem Component Type		Fail Date		Year		Cycle		Priori
zstem Component Type ating		Fail Date		Year		Cycle		Priori
stem Component Type ating Energy Source	Total	Fail Date (Years)		Year FY		Cycle (Yrs)		Priori
rstem Component Type eating Energy Source Natural Gas		Fail Date (Years)		Year	Estimated Cost	Cycle		Priori
zstem Component Type eating Energy Source Natural Gas Conversion Equipment	<b>Total</b>	Fail Date (Years)		<b>Year</b> <b>FY</b> 2034	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
eating Natural Gas	Total 100% 100%	Fail Date (Years)	Estimated Cost	<b>Year</b> <b>FY</b> 2034 2037	Estimated Cost **	Cycle (Yrs)		Priori
eating Energy Source Natural Gas Conversion Equipment	Total 100% 100% 0ther Ob.	Fail Date (Years)	Estimated Cost	<b>Year</b> <b>FY</b> 2034 2037	Estimated Cost **	Cycle (Yrs)	Estimated Cost	Priori
eating Energy Source Natural Gas Conversion Equipment	Total 100% 100% Other Ob. Location	Fail Date (Years) servation, E 1 : Basemen	Estimated Cost	Year FY 2034 2037 Affected	Estimated Cost **	Cycle (Yrs)	Estimated Cost	Priori
Astem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	Total 100% 100% Other Ob. Location	Fail Date (Years) servation, E 1 : Basemen	Estimated Cost	Year FY 2034 2037 Affected	Estimated Cost **	Cycle (Yrs)	Estimated Cost	Priori
ystem Component Type eating Energy Source Natural Gas Conversion Equipment	Total 100% 100% Other Ob. Location	Fail Date (Years) servation, E n : Basemention : (1) G	Estimated Cost	Year FY 2034 2037 Affected	Estimated Cost **	Cycle (Yrs)	Estimated Cost	Priori
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution	Total 100% 100% Other Ob. Location Explana	Fail Date (Years) servation, E n : Basemention : (1) G	Estimated Cost	Year FY 2034 2037 Affected • Boiler	Estimated Cost ** : 100%	Cycle (Yrs) 1	Estimated Cost \$7,800	Priori
zstem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	Total 100% 100% Other Ob. Location Explana	Fail Date (Years) servation, E 1 : Basemen tion : (1) G	Estimated Cost	Year FY 2034 2037 Affected • Boiler	Estimated Cost ** : 100%	Cycle (Yrs) 1	Estimated Cost \$7,800	Priorit
Astem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	Total 100% 100% Other Ob. Location Explana 100% 80%	Fail Date (Years) servation, E 1 : Basemen tion : (1) G	Estimated Cost	Year FY 2034 2037 Affected • Boiler 2040 2019	Estimated Cost ** : 100% ** \$67,400	Cycle (Yrs) 1 1 4	Estimated Cost \$7,800 \$800	Priori
vstem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	Total 100% 0ther Ob. Location Explana 100% 80% On Extend	Fail Date (Years) servation, E 1 : Basemen tion : (1) G	Estimated Cost Extent : Light, Area It Gas Fired Hot Water	Year FY 2034 2037 Affected • Boiler 2040 2019 rea Affec	Estimated Cost ** : 100% ** \$67,400 ted : 100%	Cycle (Yrs) 1 1 4 1	Estimated Cost \$7,800 \$800 \$7,800	Priorit
Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	Total 100% 100% Other Ob. Location Explana 100% 80% On Extend Location	Fail Date (Years) servation, E 1 : Basemention : (1) G ded Life, Ex	Estimated Cost Extent : Light, Area at Gas Fired Hot Water ctent : Moderate, At	Year FY 2034 2037 Affected • Boiler 2040 2019 rea Affec	Estimated Cost ** : 100% ** \$67,400 ted : 100%	Cycle (Yrs) 1 1 4 1	Estimated Cost \$7,800 \$800 \$7,800	Priori
system Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	Total 100% 0ther Ob. Location Explana 100% 80% On Extend	Fail Date (Years) servation, E 1 : Basemention : (1) G ded Life, Ex	Estimated Cost Extent : Light, Area at Gas Fired Hot Water ctent : Moderate, At	Year FY 2034 2037 Affected • Boiler 2040 2019 rea Affec nent App	Estimated Cost ** ** : 100% ** \$67,400 ted : 100% broaching Useful L	Cycle (Yrs) 1 1 4 1 ife Cycle	Estimated Cost \$7,800 \$800 \$7,800	Priori
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Total 100% 100% Other Ob. Location Explana 100% 80% On Extend Location	Fail Date (Years) servation, E 1 : Basemention : (1) G ded Life, Ex	Estimated Cost Extent : Light, Area at Gas Fired Hot Water ctent : Moderate, At	Year FY 2034 2037 Affected • Boiler 2040 2019 rea Affec nent App	Estimated Cost ** ** : 100% ** \$67,400 ted : 100% broaching Useful L	Cycle (Yrs) 1 1 4 1 ife Cycle	Estimated Cost \$7,800 \$800 \$7,800	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. \*\* Replacement cost estimated to be beyond ten years is not included in this report.

# **BROOKLYN PUBLIC LIBRARY - 038**

### PACIFIC BRANCH LIBRARY Asset # : 13261

			Asset # : 13	201				
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	Priorit
ir Conditioning								
Conversion Equipment Int Pkg Unit - Heating/Cooling	25%	Now	\$77,800	2029	* *	2	\$200	
ficating/cooming	-	erable, Exte 1 : Basemen	ent : Moderate, Are at	a Affecte	ed : 50%			
Ext Pkg Unit - Heating/Cooling	50%	Now	\$51,500	2034	* *	2	\$400	
	Unit Inope Location		ent : Moderate, Are	a Affecte	ed : 50%			
Window/Wall Unit	25%			2019	\$8,000	1		
entilation Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,800	
Exhaust Fans	100%			LIFE		2-3	\$8,800	
No Component	50%							
Not Accessible	50%							
lumbing								
H/C Water Piping	100-1			• • • • •				
Brass/Copper	100%			2044	* *	1		
Water Heater	100-1				<b>* •</b> • • • •	-	<b>*</b> •••	
Gas Fired	100%			2022	\$3,600	2	\$200	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	1000/			LIEE	* *	1		
Cast Iron	100%			LIFE		1		
Sump Pump(s) Submersible	100%			2018	\$6,600	4	\$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2029	* *	1	\$200	
	Other Obs	ervation, E : Basemen	Extent : Light, Area	Affected	l : 20%			
		tion : Boile						
Fixtures	Блрини	non . Done	r Oniy					
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: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$146,100	\$45,600
Interior Architecture	\$55,100	
Electrical		\$121,800
Total	\$201,200	\$167,300
Importance Code A	\$146,100	\$45,600
Importance Code B	\$55,100	\$121,800
Total	\$201,200	\$167,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$58,000		\$5,000	
Interior Architecture	\$400			\$2,500
Electrical	\$1,300	\$800	\$900	\$1,400
Mechanical	\$1,600	\$4,100	\$2,800	\$4,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$65,300	\$8,900	\$12,700	\$12,400
Importance Code A	\$58,800	\$800	\$5,700	\$1,000
Importance Code B	\$6,400	\$8,200	\$6,900	\$11,400
Importance Code C				
Total	\$65,300	\$8,900	\$12,700	\$12,400



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 # : 13262

chitecture		rrent Rep		Futur	e Replacement		aintenance		
stem Component Type		Date E ears)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori	
erior									
Exterior Walls	85% N		\$99,200	LIFE	* *	5	\$30,300		
Masonry: Brick	85% IN Efflorescence,		. ,			3	\$30,300		
	Location : Th			nyjecieu .	. 5070				
Masonry: Limestone		+	\$46,900	LIFE	* *	5	\$2,700		
Masoni y. Liniestone	/		ent : Moderate,			5	\$2,700		
	Location : Th			in cu rijje					
Stucco Cement	5% N	-	\$16,800	2029	* *	5	\$2,200		
Stuceo Cement	Cracking/Crun				rted : 30%	5	φ2,200		
	Location : Th	-							
	Loose/Delam S	-		Area Affe	cted : 20%				
	Location : M	oat Areas	•						
	Other Observa	tion, Exte	ent : Moderate, A	Area Affe	cted : 100%				
	Location : Th	roughout	<u>.</u>						
	Explanation :	Actual B	Bluestone						
Windows									
Aluminum	100% N		\$25,600	2040	**	5	\$2,800		
			Extent : Modera	ate, Area	Affected : 15%				
	Location : Th	0	: Moderate, Are	Affect	1.200/				
	Location : Th			eu Affecie	<i>a</i> . 20%				
Parapets	Locanon . In	, oughoui							
Masonry: Brick	85% No	w	\$10,900	LIFE	* *	5	\$3,500		
jj.	Jnt Mortar Mis	s/Erod, E	Extent : Modera	te, Area A	Affected : 25%	-	+ = ,= = = =		
	Location : Th								
Masonry: Limestone	10% 0	-2	\$4,700	LIFE	* *	5	\$500		
	Jnt Mortar Mis	s/Erod, E			Affected : 50%				
	Location : Th	roughout	<u>.</u>						
Metal Panel	5%			2044	* *	5	\$800		
Roof									
Copper/Terne	80%			2052	* *	10	\$45,600		
Modified Bitumen	20%			2029	* *	10	\$4,600		

Interior

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

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

#### Asset # : 13262

rchitecture	Current	Repair	Futur	e Replacement	ent Maintenance		
vstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$2,600	
Ceramic Tile	3%		2037	* *	5	\$700	
	Recent Replace Evia Location : Bathroc		Area Affe	ected : 100%			
Glass Block	5%		2059	* *	1		
	Recent Replace Evia Location : Mezzan	-	Area Affe	ected : 100%			
	Other Observation,	Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Mezzan						
	Explanation : Susp	ended Glass Panels					
Mosaic Tile	2%		2041	* *	5	\$1,200	
	Recent Replace Evia Location : Main Lo		Area Affe	ected : 100%			
Vinyl Tile	85% 4+	\$55,100	2032	* *	3	\$7,500	
	Adhesion Failure, E			ted : 30%	-	+ • ,2 = =	
		Locations Through					
	Recent Replace Evia			ected : 90%			
	Location : Through	hout Public Areas, 2	2012				
Interior Walls							
Concrete Masonry Unit	5%		LIFE	* *	5	\$300	
Glass: Single Pane	5%		LIFE	* *	5	\$600	
	Recent Replace Evia Location : Main Location		Area Affe	ected : 100%			
Gypsum Board	10%		LIFE	* *	5	\$900	
Plaster	70%		LIFE	* *	5	\$3,200	
Wood	5%		LIFE	* *	5	\$3,000	
	Recent Repair Evide Location : Through		rea Affec	cted : 100%			
Wood	5%		LIFE	* *	5	\$3,000	
	Recent Repair Evide Location : Throug		rea Affeo	cted : 100%			
Ceilings		-					
AcousTileSusp.Lay-In	10%		2041	* *	5	\$2,300	
	Recent Replace Evia Location : Various	lent, Extent : Light, Locations Through					
Glass: Susp Panels	10%		LIFE	* *			
asp - there	Recent Replace Evia Location : Mezzan	-		ected : 100%			
Plaster	80%		LIFE	* *	5	\$11,700	
1 105001	Recent Repair Evide	nt. Extent : Light A			5	ψ11,700	
	Location : Various	-					

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

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	Priorit
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2050	* *	5	\$400	
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Electrica	al Room					
	Explana	tion : One 4	400 Amps Main Di	sconnect	Switch			
Switchgear / Switchboard								
Molded Case Bkrs	70%			2050	* *	5	\$300	
Molded Case Bkrs	30%			2034	* *	5	\$100	
Raceway								
Conduit	70%			2034	* *	1		
Conduit	30%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	* *	5		
Molded Case Bkrs	10%			2032	* *	5		
Molded Case Bkrs	85%			2046	* *	5	\$400	
Wiring								
Thermoplastic	30%			2050	* *	1		
Thermoplastic	70%			2034	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	* *	5	\$100	
Locally Mounted	50%			2041	* *	5	\$100	
round								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
ighting								
Interior Lighting								
Fluorescent	60%			2032	* *	10	\$8,700	
	-		Moderate, Area Aff out The Building	ected : 1	00%			
Fluorescent	30%			2032	* *	10	\$4,400	
			Moderate, Area Aff out The Building	ected : 1	00%			
Fluorescent	10%			2024	\$56,900	10	\$1,500	
Thoreseem			Extent : Moderate, A			10	ψ1,500	
			& Auditorium	n eu rijje				
		tion : T-12						
Egress Lighting	ылрини		Lamps					
Emergency, Battery	15%			2024	\$3,500	10	\$600	
Emergency, Battery	35%			2024	\$5,500	10	\$1,300	
Emergency, Dattery Exit, LED	30%			2052	* *	10	φ1,500	
Exit, LED Exit, Service	30% 10%			2039	\$200	1		
Exit, Service	10%			2024	\$200	1		
	10%			2032	· ·	1		
Exterior Lighting	1000/			2024	¢ < 1 000	10		
HID	100%			2024	\$64,900	10		
ightning Protection								
Arresters/Cabling Generic	100%			2027	* *	5	\$500	
Generic	100%			2027		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 # : 13262

			Asset # : 13	202				
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
larm								
Security System								
No Component	70%			2022	* *	1	¢1.000	
Generic Fire/Smoke Detection	30%			2032	* *	1	\$1,800	
No Component	25%							
Generic	23% 75%			2032	* *	1-3	\$7,600	
	1070			2002		1.5	\$7,000	
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	Priori
eating								
Energy Source								
Natural Gas	100%			2044	* *	1		
			Extent : Moderate, A	Area Affe	cted : 100%			
		1 : Parking		Diana				
Conversion Equipment	Explana	tion : Oil I	ank Abandoned In	Place				
Hot Water Boiler	100%			2037	* *	1	\$7,900	
Hot Water Boner			Extent : Light, Area		: 100%	1	ψ7,900	
		ı : Basemer		55				
	Explana	tion : 1 Ga	s Fired How Water	Boiler				
Distribution								
Hot Wtr Piping/Pump	100%			2040	* *	4	\$800	
Terminal Devices	<u>(00</u> /			2022	* *	1	¢5 000	
Air Handler Convector/Radiator	60% 20%			2032 2029	* *	1 1	\$5,900 \$1,000	
Convector/Radiator	20%			2029	* *	1	\$1,000	
ir Conditioning	2070			2011		1	\$1,000	
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2028	* *	2	\$1,000	
			Extent : Light, Area	00				
	Location	ı : Basemer	nt Mechanical Roor	n And Fo	in Koom			
Heat Rejection	1000/			2022	* *	2	¢11 100	
Air Condenser Unit	100% Recent In		Extent : Light, Area	2032 Affected		2	\$11,100	
			Of Building	Ајјестей	. 10070			
entilation			ÿ					
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,800	
Exhaust Fans					<b>* - - -</b>	-	±	
Interior	100%			2024	\$19,000	2	\$500	
lumbing								
H/C Water Piping Brass/Copper	100%			2034	* *	1		
Brass/Copper	100%			2034	·•• ·••	1		

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

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

Asset # : 13262

lechanical	Current Repair	Future R	Replacement	M	aintenance		
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
umbing							
Water Heater							
Gas Fired	100%	2022	\$4,000	2	\$200		
Sanitary Piping							
Cast Iron	100%	LIFE	* *	1			
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1			
Backflow Preventer							
No Component	80%						
Generic	20%	2029	* *	1	\$200		
	Other Observation, Extent : Ligh	t, Area Affected : 2	0%				
	Location : Boiler Room						
	Explanation : Serves Boiler On	ly					
Fixtures							
Generic	100%						
ertical Transport							
Elevators							
Hydraulic	100%	LIFE	* *				
	Other Observation, Extent : Ligh		00%				
	Location : Basement Through S	Second Floor					
	Explanation : Newly Installed H	<i>Hydraulic Elevator</i>					

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

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

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

### Print Date: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$89,100	
Interior Architecture	\$59,000	
Electrical	\$109,700	\$336,400
Mechanical		\$144,200
Total	\$257,700	\$480,700
Importance Code A	\$89,100	
Importance Code B	\$168,700	\$480,700
Total	\$257,700	\$480,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$23,900			
Interior Architecture	\$21,900	\$100		\$900
Electrical	\$14,500	\$800	\$2,500	\$800
Mechanical	\$1,800	\$3,300	\$5,100	\$3,600
Total	\$62,100	\$4,300	\$7,600	\$5,200
Importance Code A	\$24,400	\$500	\$700	\$500
Importance Code B	\$37,700	\$3,700	\$6,900	\$4,700
Importance Code C		\$100		
Total	\$62,100	\$4,300	\$7,600	\$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. \*\* Replacement cost estimated to be beyond ten years is not included in this report.

# RYDER BRANCH LIBRARY

### Asset # : 13265

Architecture		Current	Repair	Futur	e Replacemen	t	Μ	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Co		ycle Yrs)	Estimated Cost	Priorit	
xterior										
Exterior Walls										
Cast in Place Concrete	10%			LIFE	*	* *	5	\$4,200		
Masonry: Brick	90%			LIFE	4	* *	5	\$7,500		
Windows										
Aluminum	100%	Now	\$23,900	2032		* *	5	\$1,400		
			nt : Moderate, Arec	Affected	l : 25%					
		: Through								
		-	ng, Extent : Modera	te, Area	Affected : 100%	6				
	Location	: Through	nout							
Roof										
Modified Bitumen	100%	0-2	\$89,100	2034		* *				
	-	-	xtent : Moderate, A	rea Affec	ted : 20%					
		: Through		A	. 1 200/					
			Extent : Moderate, A		cted : 20%					
	Location	: various	Locations Through	oui						
terior										
Floors Cast in Place Concrete	10%			LIFE	*	* *	5	\$1,800		
Quarry Tile	5%			2037			5	\$1,800		
Vinyl Tile	85%	0-2	\$59,000	2037			3	\$2,600		
v myr rne			, Extent : Moderate		ffected · 20%		5	φ2,000		
	-	: Through		, 11/cu 11j	<i>Jeelea</i> . 2070					
		-	t : Moderate, Area	Affected	: 25%					
		: Through		55						
Interior Walls										
Ceramic Tile	3%			2033	*	* *	5	\$200		
Concrete Masonry Unit	40%			LIFE	*	* *	5	\$1,200		
Gypsum Board	47%			LIFE	*	* *	5	\$2,100		
Masonry: Brick	10%			LIFE	*	* *				
Ceilings										
AcousTile,Adhered	35%	4+	\$8,000	2037		* *	5	\$1,400		
			, Extent : Moderate	e, Area Aj	ffected : 50%					
		: Through								
			t : Moderate, Area	Affected	: 25%					
	Location	: Through	out							
AcousTileSusp.Lay-In	50%	4+	\$13,200	2037	2	* *	5	\$2,100		
	-	-	, Extent : Moderate	e, Area Aj	ffected : 25%					
		: Through								
			Extent : Light, Area	00	: 5%					
			Locations Through							
				Affected	: 25%					
		: Through	eout							
Exposed Struc: Steel	5%			LIFE		* *				
Gypsum Board	10%	2-4	\$400	LIFE		* *	5	\$1,000		
			-	Affected	: 5%					
-	Worn/Erod Location 5% 10% Horizonta	led, Extent : Through 2-4 ! Cracks, E	t : Moderate, Area . cout	Affected LIFE LIFE	я		5	\$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.

### RYDER BRANCH LIBRARY

### Asset # : 13265

			A5561 # . 13					
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
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$1,500	5	\$300	
			Extent : Moderate, A		ected : 100%			
			r, Mechanical Room					
	Explana	tion : One	350 Amps Main Di	sconnect	Switch			
Switchgear / Switchboard	1000/			2024	¢22.000	5	¢200	
Molded Case Bkrs	100%			2024	\$32,000	5	\$300	
Raceway Conduit	80%			2024	\$24,800	1		
Conduit	80% 20%			2024	\$24,800 * *	1		
Panelboards	20%			2044		1		
Fused Disc Sw	5%			2023	\$700	5		
Molded Case Bkrs	- 5% 75%			2023	\$11,100	5	\$200	
Molded Case Bkrs	20%			2023	\$11,100 * *	5	\$200 \$100	
Wiring	2070			2040		5	ψ100	
Braided Cloth	50%	2-4	\$13,700	2049	* *	1		
Braided Ciota			ent : Moderate, Are		ed : 100%	1		
		-	out The Building					
Thermoplastic	20%	-	0	2044	* *	1		
Thermoplastic	30%			2044	\$8,200	1		
Motor Controllers	5070			2021	\$0,200	1		
Locally Mounted	100%			2022	\$29,900	5	\$100	
Ground	100/0				<i> </i>	0	<b>\$100</b>	
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	96%			2024	\$336,400	10	\$9,400	
	Other Ob.	servation, E	Extent : Moderate, 1	Area Affe	ected : 100%			
	Location	1 : Through	out The Building					
	Explana	tion : T-12	Lamps					
Incandescent	4%			2024	\$14,000	2		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	\$1,300	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	50%			2024	\$20,000	10		
Incandescent	50%			2024	\$17,000	2		
Alarm								
Security System								
No Component	70%						* • • • -	
Generic	30%			2034	* *	1	\$1,200	
Fire/Smoke Detection	1000			0010	¢100 700	1.2	<b>.</b>	
Generic	100%			2019	\$109,700	1-3	\$6,600	

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

# RYDER BRANCH LIBRARY

### Asset # : 13265

		A55el # . 13						
Mechanical	Current Repair Future Replacement					Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating	-							
Energy Source								
Natural Gas	100%		2044	* *	1			
<b>Conversion Equipment</b>								
Furnace	70% Other Observation, I Location : 1st Floo Explanation : 3 Ur	or Equipment Room		* *	1	\$3,700		
Hot Water Boiler	30%		2037	* *	1	\$1,600		
	Other Observation, I Location : 1st Floo Explanation : 1 Un	or Equipment Room		: 30%				
Distribution Hot Wtr Piping/Pump	100%		2032	* *	4	\$500		
Terminal Devices	200/		2027	* *	1	¢1.000		
Convector/Radiator No Component	30% 70%		2037	* *	1	\$1,000		
Air Conditioning Energy Source Electricity	100%		2040	* *	1			
Conversion Equipment								
Reciprocating Compr/Chiller	100%		2024	\$36,000	1	\$5,000		
	R-22 Refrigerant, Ex Location : Roof Other Observation, I Location : Roof Explanation : Four		Affected	: 100%				
Terminal Devices Air Handler/Cool/Ht	1000/		2024	¢ 45 000	1	\$6,600		
	100%		2024	\$45,000	1	\$6,600		
Heat Rejection Remote Air Cond	100%		2024	\$63,300	2	\$7,400		
/entilation	10070		2024	φ05,500	4	φ7,400		
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,000		
Exhaust Fans	200/		2024	<b>\$0.400</b>	2	¢200		
Interior Roof	80% 20%		2024	\$9,400 \$1,700	2	\$300 \$100		
Plumbing	∠0%0		2024	\$1,700	2	\$100		
H/C Water Piping Brass/Copper	100%		2044	* *	1			
Water Heater Gas Fired	1000/		2010	¢2 500	2	¢200		
	100%		2019	\$2,500	2	\$200		
Sanitary Piping Cast Iron	100%		LIFE	* *	1			
Storm Drain Piping Cast Iron	100%		LIFE	* *	1			

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

# RYDER BRANCH LIBRARY

### Asset # : 13265

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

 

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

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

#### Print Date: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$39,800	
Interior Architecture	\$89,000	
Electrical	\$245,300	\$145,100
Mechanical		\$99,200
Total	\$374,100	\$244,400
Importance Code A	\$39,800	
Importance Code B	\$334,300	\$244,400
Total	\$374,100	\$244,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$30,100			
Interior Architecture		\$800	\$600	\$1,300
Electrical	\$1,200	\$1,000	\$8,000	\$1,300
Mechanical	\$1,500	\$3,100	\$2,300	\$3,300
Total	\$32,800	\$4,900	\$11,000	\$6,000
Importance Code A	\$30,600	\$500	\$600	\$500
Importance Code B	\$2,200	\$3,900	\$10,400	\$5,500
Importance Code C		\$500		
Total	\$32,800	\$4,900	\$11,000	\$6,000



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

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

# BROOKLYN PUBLIC LIBRARY - 038 SARATOGA BRANCH LIBRARY

### Asset # : 13266

		Current Repair Future Replac			e Replacement	Replacement Maintenance		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$11,800	
Masonry: Limestone	20%			LIFE	* *	5	\$2,400	
Metal Panel	5%	Now	\$1,100	2034	* *	5	\$1,500	
		0	xtent : Moderate, A					
			inel Covers At Sout					
			Extent : Moderate,					
	Location	: Metal Po	inel Covers At Sout	th And Ed	ast Facades			
Windows								
Glass Block	5%			LIFE	* *	5	\$100	
Wood	95%	Now	\$28,900	2032	* *	5	\$17,300	
			Extent : Moderate,	Area Aff	ected : 25%			
		: Through						
			: Light, Area Affec	ted : 25%	6			
	Location	: Through	out					
Parapets								
Masonry: Limestone	100%			LIFE	* *	5	\$3,300	
Roof								
Slate	100%	Now	\$39,800	LIFE	* *			
			ss, Extent : Modera	ite, Area	Affected : 50%			
		: Through						
	-		Extent : Severe, Are	a Affecte	d : 50%			
	Location	: At Gutter	rs					
erior								
Floors	1.00/				* *	-		
	10%					5		
Cast in Place Concrete	50/			LIFE			\$2,700	
Ceramic Tile	5%	<b>N</b> 7	¢00.000	2033	* *	5	\$600	
	85%	Now	\$89,000	2033 2034	* * * *			
Ceramic Tile	85% Cracking/	Crumbling,	Extent : Moderate	2033 2034	* * * *	5	\$600	
Ceramic Tile	85% Cracking/ Location	Crumbling, : At Main	Extent : Moderate Entrance	2033 2034 , Area A <u>f</u>	* * * * fected : 20%	5	\$600	
Ceramic Tile	85% Cracking/ Location Worn/Erod	Crumbling, : At Main ded, Extent	Extent : Moderate Entrance : Moderate, Area A	2033 2034 , Area A <u>f</u>	* * * * fected : 20%	5	\$600	
Ceramic Tile Vinyl Tile	85% Cracking/ Location Worn/Erod	Crumbling, : At Main	Extent : Moderate Entrance : Moderate, Area A	2033 2034 , Area A <u>f</u>	* * * * fected : 20%	5	\$600	
Ceramic Tile Vinyl Tile Interior Walls	85% Cracking/ Location Worn/Eroo Location	Crumbling, : At Main ded, Extent	Extent : Moderate Entrance : Moderate, Area A	2033 2034 , Area A <u>f</u> Affected :	* * * * fected : 20%	53	\$600 \$4,000	
Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile	85% Cracking/ Location Worn/Ero Location 5%	Crumbling, : At Main ded, Extent	Extent : Moderate Entrance : Moderate, Area A	2033 2034 , Area Af Affected : 2033	* * Fected : 20%	53	\$600 \$4,000 \$1,100	
Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit	85% Cracking/ Location Worn/Eroo Location 5% 5%	Crumbling, : At Main ded, Extent	Extent : Moderate Entrance : Moderate, Area A	2033 2034 , Area Af Affected : 2033 LIFE	** fected : 20% * 35% ** **	53	\$600 \$4,000	
Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Masonry: Brick	85% Cracking/ Location Worn/Erod Location 5% 5% 20%	Crumbling, : At Main ded, Extent	Extent : Moderate Entrance : Moderate, Area A	2033 2034 , Area Af Affected : 2033 LIFE LIFE	** fected : 20% * 35% ** ** **	5 3 5 5	\$600 \$4,000 \$1,100 \$400	
Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Masonry: Brick Plaster	85% Cracking/ Location Worn/Eroo Location 5% 5%	Crumbling, : At Main ded, Extent	Extent : Moderate Entrance : Moderate, Area A	2033 2034 , Area Af Affected : 2033 LIFE	** fected : 20% * 35% ** **	53	\$600 \$4,000 \$1,100	
Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Masonry: Brick Plaster Ceilings	85% Cracking/ Location Worn/Erod Location 5% 5% 20% 70%	Crumbling, : At Main ded, Extent	Extent : Moderate Entrance : Moderate, Area A	2033 2034 , Area Af Affected : 2033 LIFE LIFE LIFE	* * fected : 20% • 35% * * * * * * * *	5 3 5 5 5	\$600 \$4,000 \$1,100 \$400 \$4,400	
Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Masonry: Brick Plaster Ceilings AcousTileSusp.Lay-In	85% Cracking/ Location Worn/Eroo Location 5% 5% 20% 70%	Crumbling, : At Main ded, Extent	Extent : Moderate Entrance : Moderate, Area A	2033 2034 , Area Af Affected : 2033 LIFE LIFE LIFE 2029	** fected : 20% * 35% ** ** ** ** ** ** **	5 3 5 5 5 5 5	\$600 \$4,000 \$1,100 \$400 \$4,400 \$1,200	
Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Masonry: Brick Plaster Ceilings	85% Cracking/ Location Worn/Erod Location 5% 5% 20% 70%	Crumbling, : At Main ded, Extent	Extent : Moderate Entrance : Moderate, Area A	2033 2034 , Area Af Affected : 2033 LIFE LIFE LIFE	* * fected : 20% • 35% * * * * * * * *	5 3 5 5 5	\$600 \$4,000 \$1,100 \$400 \$4,400	
Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Masonry: Brick Plaster Ceilings AcousTileSusp.Lay-In	85% Cracking/ Location Worn/Eroo Location 5% 5% 20% 70%	Crumbling, : At Main ded, Extent	Extent : Moderate Entrance : Moderate, Area A or	2033 2034 , Area Aff Affected : 2033 LIFE LIFE LIFE 2029 LIFE	** fected : 20% * 35% ** ** ** ** ** ** **	5 3 5 5 5 5 5 5	\$600 \$4,000 \$1,100 \$400 \$4,400 \$1,200	
Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Masonry: Brick Plaster Ceilings AcousTileSusp.Lay-In Plaster	85% Cracking/ Location Worn/Erod Location 5% 5% 20% 70% 10% 90%	Crumbling, : At Main ded, Extent : First Flo Current F	Extent : Moderate Entrance : Moderate, Area A or	2033 2034 , Area Af Affected : 2033 LIFE LIFE LIFE 2029 LIFE Futur	** fected : 20% * 35% ** ** ** ** **	5 3 5 5 5 5 5 8 8	\$600 \$4,000 \$1,100 \$400 \$4,400 \$1,200 \$7,000	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. \*\* Replacement cost estimated to be beyond ten years is not included in this report.

### BROOKLYN PUBLIC LIBRARY - 038 SARATOGA BRANCH LIBRARY

#### Asset # : 13266

Electrical	Current Repair Future Replacement				Maintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
Jnder 600 Volts							
Service Equipment				_			
Fused Disc Sw	100%	2044	* *	5			
	Other Observation, Extent . Location : Electrical Roo		ted : 100%				
	Explanation : Main Servi		Pated @ 400 Amn	oros			
Switchgear / Switchboard	Explanation : Main Servi	te Disconnect Switch K		eres			
Molded Case Bkrs	100%	2044	* *	5	\$300		
Raceway							
Conduit	100%	2044	* *	1			
Panelboards							
Fused Disc Sw	20%	2040	* *	5	\$100		
Molded Case Bkrs	80%	2040	* *	5	\$200		
Wiring	1000/	2014	ale ale				
Thermoplastic	100%	2044	* *	1			
Ground Grounding Devices							
Generic	100%	LIFE	* *	5	\$200		
Lighting	100/0			5	φ200		
Interior Lighting							
Fluorescent	70%	2019	\$245,300	10	\$6,900		
	T-12 Lamps, Extent : Mode Location : Throughout Th		00%				
Fluorescent	30%	2024	\$105,100	10	\$2,900		
	T-8 Lamps, Extent : Moder Location : Throughout Th		0%				
Egress Lighting							
Emergency, Battery	50%	2024	\$7,100	10	\$1,300		
Exit, Service	50%	2024	\$800	1			
Exterior Lighting HID	100%	2024	\$40,000	10			
Alarm	100%0	2024	\$40,000	10			
Security System							
Generic	100%	2032	* *	1	\$4,000		
	Other Observation, Extent		ted : 100%		• / -		
	Location : Inside And Out	-					
	Explanation : C C T V Si	ırveillance Cameras					
Fire/Smoke Detection							
Generic	100%	2032	* *	1-3	\$6,800		
	Other Observation, Extent		ted : 100%				
	Location : Throughout Th Explanation : Horns May	-	ka Datactors And	Stroba I	lights		
	Explanation : Horns, Mar	uuu ruu siations, smo	ke Delectors And	SIFODE L	Jgnis		
Mechanical	Current Renair		Replacement		aintenance		

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.

### BROOKLYN PUBLIC LIBRARY - 038 SARATOGA BRANCH LIBRARY

### Asset # : 13266

			ASSEL # . 13					
Mechanical		Current R	epair	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								
Natural Gas	100%			2044	* *	1		
Conversion Equipment	1000/			2027	* *	1	¢5 200	
Hot Water Boiler	100% Other Obs	arvation Fr	tent : Light, Area	2037 Affected		1	\$5,300	
			Boiler Room	njjecieu	. 10070			
		tion : 1 Unit						
Distribution	1							
Hot Wtr Piping/Pump	100%			2032	* *	4	\$500	
Terminal Devices								
Air Handler	40%			2024	\$22,800	1	\$2,600	
Convector/Radiator	60%			2037	* *	1	\$2,100	
Air Conditioning Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment	100/0			2010		1		
Reciprocating	100%			2024	\$36,000	1	\$5,000	
Compr/Chiller								
	-	-	ent : Light, Area A	ffected :	100%			
	Location	e : 2nd Fl. N	ew Extension					
Terminal Devices	1000/			2024	¢22.000	1		
Direct Expansion	100%			2024	\$32,900	1		
Heat Rejection Remote Air Cond	100%			2024	\$63,300	2	\$7,400	
Ventilation	10070			2024	\$05,500	2	φ7,400	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,000	
Exhaust Fans								
Interior	100%			2024	\$11,700	2	\$300	
Plumbing								
H/C Water Piping	1000/			2034	* *	1		
Brass/Copper Water Heater	100%			2034		1		
Gas Fired	100%			2022	\$2,500	2	\$200	
Sanitary Piping	100/0				<i> </i>	_	<b>\$-00</b>	
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport Elevators								
Hydraulic	100%			LIFE	* *			
iryuraune		ervation. Ex	tent : Light, Area					
	Location			JJ				
	Explanat	tion : One H	yd Chair Lift					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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: 23-Oct-2015 BROOKLYN PUBLIC LIBRARY - FY 2016

Asset Name	: STONE AVENUE BRANCH LIBRARY	Y									
Address	: 581 MOTHER GASTON BLVD. @ DUM	81 MOTHER GASTON BLVD. @ DUMONT AVE.									
Borough	: BROOKLYN	Agency's Number	: 26								
Program / Asset #	: BPL0S26.000 / 13268	Yr Built/Renovated	: 1914 / 2007								
Area Sq Ft	: 14,252	Project Type	: BROOKLYN PUBLIC LIBRARY								
Date of Survey	: 12-Mar-2013	Landmark Status	: NONE								
Areas Surveyed	: Basement, Roof, Floors 1,m,2										
Block	: 3794 Lot : 18	BIN	: 3084596								

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$81,400	
Electrical		\$62,700
Total	\$81,400	\$62,700
Importance Code B	\$81,400	\$62,700
Total	\$81,400	\$62,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$16,300			\$3,300
Interior Architecture	\$19,500			\$3,700
Electrical	\$11,100	\$1,400	\$16,200	\$1,700
Mechanical	\$3,300	\$3,400	\$3,100	\$3,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$54,100	\$8,800	\$23,300	\$16,400
Importance Code A	\$17,000	\$700	\$800	\$4,000
Importance Code B	\$36,600	\$8,100	\$22,400	\$12,400
Importance Code C	\$600			
Total	\$54,100	\$8,800	\$23,300	\$16,400



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 # : 13268

Architecture		Current I	Repair $\pi$ . Is		re Replacement Maintenance			
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$25,000	
Masonry: Limestone	15%			LIFE	* *	5	\$3,300	
Windows								
Aluminum	100%			2040	* *	5	\$6,500	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	\$3,500	
Masonry: Limestone	15%			LIFE	* *	5	\$800	
Roof								
Modified Bitumen	100%	Now	\$16,300	2029	* *			
			lerate, Area Affecte	ed : 15%				
		ı : Over Sec						
			tent : Moderate, A	rea Affec	eted : 15%			
	Location	ı : Over Sec	cond Floor					
Interior								
Floors								
Carpet	30%			2023	\$62,100	3	\$9,800	
Cast in Place Concrete	3%			LIFE	* *	5	\$1,100	
Ceramic Tile	5%			2037	* *	5	\$800	
Vinyl Tile	59%		\$81,400	2034	* *	3	\$3,600	
			tent : Light, Area A	Affected :	25%			
		ı : Through						
		ded, Extent 1 : Through	: Light, Area Affec out	eted : 30%	%			
Wood	3%	Now	\$16,000	2064	* *	5	\$500	
			nt : Severe, Area Aj cal Room On Seco					
	Poor Subfloor Evident, Extent : Severe, Area Affected : 50%							
	-		cal Room On Seco					
	Water Per	netration. E	xtent : Severe, Area	a Affecte	d : 25%			
			cal Room On Seco					
Interior Walls								
Ceramic Tile	5%			2037	* *	5	\$1,100	
Gypsum Board	20%			LIFE	* *	5	\$2,700	
Plaster	50%			LIFE	* *	5	\$3,400	
Wood	25%			LIFE	* *	5	\$22,300	
Ceilings	/0					-	,_ 30	
Gypsum Board	15%			LIFE	* *	5	\$3,100	
Plaster	80%			LIFE	* *	5	\$8,200	
Plaster	5%			LIFE	* *	5	\$500	
Electrical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component	% of	Fail Date	Estimated Cost	Year	<b>Estimated</b> Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)		
TJPC				1				

Under 600 Volts

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

### Asset # : 13268

Electrical		Current I	Repair	Futu	re Replacement	М	aintenance	
ystem 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	50%			2024	\$700	5		
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Basemen						
	Explana	tion : No N	ameplate Rating A	vailable				
Molded Case Bkrs	50%			2024	\$700	5	\$200	
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Basemen	nt					
	Explana	tion : Main	Service Disconnec	t Rated	@ 400 Amperes			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$32,000	5	\$400	
Raceway								
Conduit	80%			2024	\$24,800	1		
Conduit	20%			2044	* *	1		
Panelboards								
Molded Case Bkrs	50%			2023	\$7,400	5	\$200	
Molded Case Bkrs	50%			2040	* *	5	\$200	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%		\$9,400	LIFE	* *	5	\$200	
	Other Obs	ervation, E	Extent : Moderate, 1	Area Affe	ected : 100%			
	Locatior	ı : Metal W	ater Pipe					
	Explana	tion : Corre	oded					
ighting								
Interior Lighting								
Fluorescent	10%			2029	* *	10	\$1,300	
	-		Moderate, Area Aff	ected : 1	00%			
	Locatior	ı : Mezzani	ne					
Fluorescent	2%			2024	\$9,300	10	\$300	
		os, Extent :	Moderate, Area A					
	Location	ı : Mechani	ical Room	-				
Fluorescent	88%			2029	* *	10	\$11,500	
Tuorescent		ervation F	Extent : Moderate, A		ected · 100%	10	\$11,500	
			out The Building	110011990				
		-	oact Fluorescent L	oht Firt	ures			
Egress Lighting	ылрини		aci i morescent L	5"" 1 1.1				
Egress Lighting Emergency, Battery	50%			2029	* *	10	\$1,700	
Exit, LED	50%			2029	* *	10	φ1,700	
Exit, LED Exterior Lighting	50%			2032		1		
HID	100%			2024	\$53,300	10		
Jarm	100%			2024	\$55,500	10		

Alarm

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### Asset # : 13268

			A5561#.13				aintenance	
Electrical	Current Repair Future F			e Replacement				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
larm								-
Security System	1000/			2020	* *	1	¢5 200	
Generic	100% Other Obs	arvation F	Extent : Moderate, A	2029 Area Affe		1	\$5,300	
			out The Building	пеилује	cieu : 10070			
		-	TV Surveillance C	ameras				
Fire/Smoke Detection								
Generic	100%			2029	* *	1-3	\$9,000	
			Extent : Moderate, A	Area Affe	cted : 100%			
		-	out The Building e Lights, Smoke De		Manual Dull Stati	an And A	lama Dolla	
	Ехріана		e Lignis, Smoke De	electors,		m Ana A	iarm Bells	
Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cvcle	Estimated Cost	Priorit
Component	Total	(Years)		FY		(Yrs)	2551114004 0050	
Type								
leating Energy Source								
Natural Gas	100%			2044	* *	1		
	Other Obs	ervation, E	Extent : Severe, Are	a Affecte	d : 100%			
	Location	ı : Basemer	nt Electric Room					
	Explana	tion : No V	ent For Gas Meter	Located	In Electric Room -	- Danger	ous Condition	
Conversion Equipment	1000/			2027	* *	1	¢7 100	
Hot Water Boiler	100% Other Obs	ervation F	Extent : Light, Area	2037 Affected		1	\$7,100	
			nt Boiler Room	njjecieu	. 10070			
		tion : 1 Un						
Distribution								
Hot Wtr Piping/Pump	100%			2040	* *	4	\$700	
Terminal Devices				0000			<b>*= 2</b> 22	
Air Handler	60%			2032	* * *	1	\$5,300	
Convector/Radiator	40%			2037		1	\$1,800	
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating	75%			2032	* *	1	\$5,000	
Compr/Chiller				<i>cc</i> 1	750/			
			tent : Light, Area A		15%			
		i: 2nd Floo	or Mechanical Roo				* = ~ -	
Ext Pkg Unit - Cooling	25%	a an art F	tout . Tial . A A	2032	* *	2	\$200	
	-	gerant, Ex : Basemen	tent : Light, Area A at	jjeciea :	2370			
Terminal Devices	Locuion	. Dusemen						
Direct Expansion	75%			2032	* *	1		
No Component	25%			_ 55 _		•		
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.

### Asset # : 13268

Mechanical		Current I	Repair	Futu	e Replacement	м	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Air Conditioning Heat Rejection Air Condenser Unit	Location	:Roof	Extent : Severe, Are erable Unit	2032 a Affecte	* * ed : 75%	2	\$7,400	
No Component	25%							
Ventilation Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,900	
Exhaust Fans Interior	100% Other Obs Location	: Basemer	\$800 Extent : Severe, Are at Electric Room ent For Gas Meter	2032	* * d : 100%	2	\$300	
Plumbing H/C Water Piping Brass/Copper	100%			2044	* *	1		
Water Heater Gas Fired	100%			2023	\$3,300	2	\$200	
Sanitary Piping Cast Iron	100% Other Obs Location	: Basemer	\$600 Extent : Severe, Are at Men's Room r Backs Up From S	LIFE a Affecte	* * rd : 3%	1	φ200	
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Fixtures Generic	100%							
Vertical Transport Elevators								
Hydraulic	Location	ervation, E e : B, 1, M, tion : 1 Un		LIFE Affected	* *			

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 - FY 2016** Print Date: 23-Oct-2015

Asset Name	: WILLIAMSBURGH BRANCH LIBRA	ARY	
Address	: 240 DIVISION AVE. @ MARCY AVE.		
Borough	: BROOKLYN	Agency's Number	: 60
Program / Asset #	: BPL0007.000 / 4201	Yr Built/Renovated	: 1905 / 2014
Area Sq Ft	: 22,980	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 21-Jul-2014	Landmark Status	: EXTERIOR LANDMARK
Areas Surveyed	: Basement, Roof, Floors 1,1m,2		
Block	: 2189 Lot : 1	BIN	: 3060090

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$789,200	\$135,800
Interior Architecture	\$44,000	
Electrical		\$143,100
Mechanical		\$136,400
Total	\$833,200	\$415,300
Importance Code A	\$789,200	\$191,800
Importance Code B	\$44,000	\$223,600
Total	\$833,200	\$415,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$16,800			\$14,000
Interior Architecture	\$21,800	\$6,200	\$2,300	\$6,400
Electrical	\$200	\$300	\$200	\$24,600
Mechanical	\$3,900	\$2,100	\$5,100	\$17,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$46,600	\$12,700	\$11,700	\$66,400
Importance Code A	\$18,000	\$1,100	\$1,100	\$15,400
Importance Code B	\$6,900	\$11,500	\$9,000	\$51,000
Importance Code C	\$21,800		\$1,500	
Total	\$46,600	\$12,700	\$11,700	\$66,400



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### Asset # : 4201

rchitecture	Current Repair Future Replacement				M		
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls		<b>\$1 &lt; 000</b>	• • • •	* *			
Copper/Terne	3% Now Deformed/Dented, Ex Location : South Fa Deteriorated Finish, Location : South Fa Recent Replace Evide Location : Cornice Staining/Discoloring,	icade Transom Par Extent : Moderate, icade Transom Par ent, Extent : Light, J At South Facing Ci	nels Area Affec nels Area Affect ircular Aps	d : 10% sted : 10% ted : 25% se			
	Location : South Fa	icade Transom Par	nels				
Masonry: Brick	82% Now Broken/Missing Elem Location : Through Jnt Mortar Miss/Eroo Location : Through Sidewalk Shed in Use Location : South W	out l, Extent : Moderat out , Extent : Light, Ar	e, Area Aff	fected : 30%	5	\$89,100	
	Staining/Discoloring, Location : Through	Extent : Moderate	r, Area Affe	ected : 50%			
Masonry: Limestone	15% Now Jnt Mortar Miss/Eroc Location : Cornice,		LIFE e, Area Aff	* * fected : 50%	5	\$12,200	
Windows Wood	100% Now Air Infiltration, Exter Location : Through Ctrwt/Balnc Not Fun Location : Through	out - 2nd Floor No ct, Extent : Modera	rth Facing	Windows	5	\$46,600	
	Deteriorated Finish, Location : Through	Extent : Moderate,	Area Affec	eted : 50%			
	Thermally Inefficient, Location : Through Split/Cracked, Extent Location : Through	out : Moderate, Area I					
Parapets	200/		LIPP		_	<b>#2</b> 000	
Masonry: Brick	30% Recent Repair Evider Location : Through	-	LIFE rea Affecte	* * ed : 100%	5	\$2,000	
Masonry: Brick Cavity	60% Recent Repair Evider Location : Through		LIFE rea Affecte	* * ed : 100%	5	\$4,000	
Masonry: Limestone	10% Recent Repair Evider Location : Through	-	LIFE rea Affecte	* * ed : 100%	5	\$800	

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### Asset # : 4201

Architecture	Current Repair			Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estin (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Roof								
Copper/Terne	25%			2060	* *	10	\$14,000	
	Recent Rep	place Evident, Ex	tent : Light, .	Area Affe	ected : 100%			
	Location	: Atop South Fac	cing Circular	· Apse				
Modified Bitumen	75%			2033	* *	10	\$16,800	
		place Evident, Ex : Throughout	tent : Light, .	Area Affe	ected : 100%			
nterior								
Floors								
Carpet	10%			2024	\$47,600	3	\$5,200	
Ceramic Tile	5%			2034	* *	5	\$1,700	
Vinyl Tile	65%			2030	* *	3	\$8,400	
Wood	20%			2040	* *	5	\$12,900	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	\$2,900	
Plaster	85%	Now	\$21,800	LIFE	* *	5	\$15,000	
	8	Crumbling, Exten : Throughout	t : Moderate	, Area Aj	ffected : 10%			
	Patching I	Evident, Extent : N	Moderate, Ar	ea Affect	ted : 35%			
	Location	: Throughout 2nd	d Floor, Stai	rwells A	nd Storage Room			
Wood	10%			LIFE	* *	5	\$23,600	
Ceilings								
AcousTileSusp.Lay-In	10%			2038	* *	5	\$3,400	
Plaster	90%	Now	\$44,000	LIFE	* *	5	\$19,300	
	Cracking/	Crumbling, Exten	t : Moderate	, Area Aj	ffected : 10%			
	Location	: Throughout 2nd	d Floor, Stai	rwells, S	torage & Electrica	l Rooms		
	Patching I	Evident, Extent : N	Moderate, Ar	ea Affect	ted : 20%			

Location : Throughout 2nd Floor, Stairwells And Storage/electrical Rooms

lectrical	Current Repair	Futur	e Replacement	M		
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2025	\$2,700	5	\$600	
	Other Observation, Extent : Moderate	, Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation : 1- Electrical Service K	ated @ 12	200 Amps			
Switchgear / Switchboard						
Fused Disc Sw	30%	2045	* *	5		
Molded Case Bkrs	70%	2025	\$24,500	5	\$400	
Raceway						
Conduit	90%	2035	* *	1		
Conduit	10%	2045	* *	1		

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

### Asset # : 4201

Electrical	Current F	Repair	Futur	e Replacement	М		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts							
Panelboards							
Molded Case Bkrs	25%		2024	\$6,100	5	\$200	
Molded Case Bkrs	50%		2041	* *	5	\$300	
Molded Case Bkrs	25%		2033	* *	5	\$200	
Wiring							
Thermoplastic	90%		2035	* *	1		
Thermoplastic	10%		2045	* *	1		
Motor Controllers							
Locally Mounted	100%		2023	\$49,100	5	\$200	
round							
Grounding Devices	1000			ate ate	_	<b>**</b>	
Generic	100%		LIFE	**	5	\$300	
	Other Observation, E		Area Affe	ected : 100%			
	Location : Basemen						
• •	Explanation : Water	r Main					
ighting Interior Lighting							
Interior Lighting Fluorescent	70%		2030	* *	10	\$14.800	
Fluorescent	Other Observation, E	rtant · Moderate			10	\$14,800	
	Location : Through		ireu Ajje	cieu . 10070			
	Explanation : T-8 L						
		umps	2020	* *	10	¢2 100	
Fluorescent	10%	utaut Madauata	2030		10	\$2,100	
	Other Observation, E Location : Basemen		Area Affe	ectea : 100%			
	Explanation : Comp		aht Firt	1800			
		uci Fiuoresceni Li		* *	10	¢ 4 <b>2</b> 00	
Fluorescent	20%		2030		10	\$4,200	
	Other Observation, E Location : Classroo		Area Affe	ected : 100%			
	Explanation : T-5 L	amps					
Egress Lighting Emergency, Battery	50%		2030	* *	10	\$2,800	
Exit, Service	50%		2030	* *	1	φ2,000	
	JU70		2030		1		
Exterior Lighting HID	100%		2025	\$94,000	10	\$100	
larm	10070		2023	\$ <b>74,000</b>	10	\$100	
Security System							
No Component	80%						
Generic	20%		2030	* *	1	\$1,700	
Generic	Other Observation, E	xtent : Moderate 4		ected : 100%	1	ψ1,700	
	Location : Hallways						
	Explanation : CCTV		nera Svst	em And Intrusion A	Alarm Sv	stem	
Fire/Smoke Detection							
No Component	70%						
Generic, Analog	30%		2030	* *			
Generic, Analog	Other Observation, E	xtent : Moderate 4		ected : 100%			
	Location : Through						
				on, Smoke Detector	rc		

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### Asset # : 4201

Mechanical	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						•
Energy Source						
Natural Gas	100%	2035	* *	1		
<b>Conversion Equipment</b>						
Hot Water Boiler	100%	2023	\$56,000	1	\$11,400	
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location : Boiler Room					
	Explanation : 1 Boiler					
Distribution						
Hot Wtr Piping/Pump	100%	2033	* *	4	\$1,700	
Terminal Devices						
Convector/Radiator	100%	2030	* *	1	\$7,400	
Air Conditioning						
Energy Source	1000					
Electricity	100%	2033	* *	1		
Conversion Equipment	<b>0 5</b> 0 <i>t</i>	• •	<b>**</b> ***		* = = = = =	
Reciprocating	25%	2025	\$21,100	1	\$2,700	
Compr/Chiller	- 0		<b>*</b> ~~ <b>/</b> ~		<b>*</b> 4 <b>0</b> 0 0	
Ext Pkg Unit - Cooling	70%	2025	\$80,400	2	\$1,000	
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location : Throughout					
	Explanation : Refrigeran					
Window/Wall Unit	5%	2020	\$2,600	1		
Terminal Devices						
Direct Expansion	25%	2025	\$19,300	1		
No Component	75%					
Heat Rejection				_		
Air Condenser Unit	25%	2025	\$12,400	2	\$4,000	
No Component	75%					
Ventilation						
Distribution	1000/	T 17-1-	sta -1-	2.5	¢10.000	
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$12,800	
Exhaust Fans	500/	2025	¢12.000	2	ф.400	
Interior	50%	2025	\$13,800	2	\$400 \$400	
Roof	50%	2025	\$9,900	2	\$400	
Plumbing						
H/C Water Piping	1000/	2025	* *	1		
Brass/Copper	100%	2035	<u>ት</u> ች	1		
Water Heater	1000/	2022	¢ <i>E</i> 000	2	<b>\$200</b>	
Gas Fired	100%	2023	\$5,800	2	\$300	
Sanitary Piping	1000/	TITT	* *	1		
Cast Iron	100%	LIFE	~ *	1		
Storm Drain Piping	1000/	TIT	* *	1		
Cast Iron	100%	LIFE	~ *	1		
Sump Pump(s)	1000/	2020	¢10.000	4	¢1 <00	
Rigid Piping	100%	2020	\$12,000	4	\$1,600	

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Asset # : 4201

Mechanical	Current Repair	Future Repla	cement	Μ	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
-	Other Observation, Extent : Light, A	Area Affected : 100%				
	Location : B, E, 1, 2					
	Explanation : One Unit					

 

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