BROOKLYN PUBLIC LIBRARY - FY 2013 Print Date : 22-Oct-2012

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 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,534,800	\$1,089,600
Interior Architecture	\$1,226,000	\$390,400
Electrical	\$65,300	\$2,371,000
Mechanical	\$67,400	\$3,380,100
Total	\$2,893,500	\$7,231,200
Priority A	\$1,534,800	\$1,089,600
Priority B	\$482,300	\$5,992,700
Priority C	\$876,400	\$148,900
Total	\$2,893,500	\$7,231,200

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$48,400	\$800	\$2,300	
Interior Architecture	\$71,600		\$68,700	\$22,900
Electrical	\$29,300	\$6,600	\$7,300	\$7,300
Mechanical	\$129,900	\$85,700	\$149,500	\$97,800
Elevators/Escalators	\$41,300	\$41,300	\$41,300	\$41,300
Total	\$320,500	\$134,400	\$269,000	\$169,200
Priority A	\$48,400	\$800	\$2,300	
Priority B	\$234,200	\$133,600	\$218,400	\$146,300
Priority C	\$37,900		\$48,300	\$22,900
Total	\$320,500	\$134,400	\$269,000	\$169,200



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 # : 2136

Architecture	Curr	ent Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior							
Exterior Walls							
Bronze/Brass	2%		LIFE	* *	10	\$45,200	А
Masonry: Brick	5%		LIFE	* *	5	\$14,500	А
Masonry: Granite	5% 0-2 Int Mortar Miss	2 \$52,300 Erod, Extent : Light, A	LIFE rea Affec	* *	5	\$5,400	А
	Location : Thr	_					
Masonry: Limestone	62% 0-2	2 \$241,400	LIFE	* *	5	\$67,300	А
	Jnt Mortar Miss Location : Thr	Erod, Extent : Light, A pughout	rea Affec	eted : 10%			
Metal Panel	5%		2049	* *	5-10	\$49,700	А
	Recent Construc	tion, Extent : Light, Ar	ea Affecte	ed : 100%			
	Location : Nev	Balcony Conference I	Room				
Metal Coiling Doors	2%		2028	* *	5	\$9,000	А
Pre-Cast Concrete	10% 4+	\$55,700	LIFE	* *	5	\$47,000	А
	Deteriorated Fin	ush, Extent : Moderate	, Area Af	fected : 25%		. ,	
		th Facade Between Pop			es		
		ring, Extent : Moderat					
	-	th Facade Between Pop	-	-	es		
Stucco Cement	9% No	-	2036	**	5	\$16,300	А
Stuceo Cement		on, Extent : Light, Arec		. 25%	5	\$10,500	Λ
		Verhead Doors Facing					
		Corroded Steel Lintels	, i anang	11100			
Windows	Explanation :	corrotaca sicer Linieis					
Aluminum	10%		2039	* *	5	\$3,200	А
Aluminum	5%		2045	* *	5	\$1,600	A
	Recent Construc	tion, Extent : Light, Ar Balcony Conference I	ea Affecte	ed : 100%	5	\$1,000	
Decese /Deces				* *	5	¢ < 0, 900	٨
Bronze/Brass	60% No Hardware Missi Location : Thr	ng, Extent : Moderate,	2031 Area Affe		5	\$60,800	A
Glass Block	10% No	w \$60,800	LIFE	* *	5	\$2,000	А
		Erod, Extent : Modera		Affected : 50%		. ,	
		th Facade Facing Seco					
	Other Observati	on, Extent : Severe, Ard	ea Affecte	ed : 50%			
		th Facade Facing Seco					
		Corroded Steel Support		0			
Steel	15% 0-2		2048	* *	5	\$30,400	Α
Steel		ig, Extent : Moderate,		cted : 15%	0	\$30,100	
		rs, Sections Of South F					
		ish, Extent : Moderate		fected : 50%			
		rs, Sections Of South F					
		cient, Extent : Moderat		ffected : 50%			
		rs, Sections Of South F		J-5764 . 5070			

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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	Kepali	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
xterior								
Parapets								
Masonry: Brick	25%			LIFE	* *	5-10	\$30,400	А
Masonry: Limestone	65%			LIFE	* *	5-10	\$141,100	Α
Stucco Cement	10%			2036	* *	5	\$4,600	А
Roof	150/			2029	* *	5	¢15 500	
Asphalt Macadam		pair Evider 1 : Parking	nt, Extent : Light, A Area	2028 rea Affeo		5	\$15,500	A
Modified Bitumen	73%	Now	\$351,400	2023	\$878,400			А
	Location Seams Op	1 : Over Thi en/Split, Ex	lerate, Area Affecta rd Floor Roof tent : Moderate, A rd Floor Roof					
Plaza Roof: Stone Panel	s 10%			2049	* *			А
	Location	ı : At Plaza	Extent : Moderate, A nt Replacement Evi		ected : 100%			
Skylight, Metal/Glass	2%	Now	\$44,800	2033	* *			А
	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	15%			2022	\$386,600	3	\$91,500	С
		stallation, E 1 : New Aud	Extent : Light, Area	Affected	1:10%			
		I: New Auc	lliorium					
Cast in Place Concrete	7%			LIFE	* *	5	\$124,600	C
Ceramic Tile	3%			2032	* *	5	\$12,200	C
Terrazzo	5%			LIFE	* *	5	\$31,800	C
Terrazzo		stallation, I 1 : Auditori	Extent : Light, Area um	LIFE Affected	* * ! : 100%	5	\$12,700	С
Vinyl Tile	33%	2-4	\$548,600	2028	* *	3	\$50,300	С
·	Location Cracking/ Location Loose Un	t : Languag Crumbling, t : Languag ts, Extent :	tent : Moderate, At e Literature, Socia Extent : Moderate e Literature, Socia Moderate, Area Aj e Literature, Socia	l Science , Area A l Science ffected : 1	e, Book Storage Ar ffected : 25% e, Book Storage Ar 20%	eas		
Vinyl Tile	30%			2028	* *	3	\$45,800	С
Vinyl Tile	5%			2031	* *	3	\$7,600	С
-	Recent In.		Extent : Light, Area cony Conference R	Affected	! : 100%		~ *	

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

Asset # : 2136

			ASSEL # . Z	130				
Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
terior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	\$54,100	С
Concrete Masonry Unit	5%			LIFE	* *	5	\$8,700	С
Glass: Single Pane	5%			LIFE	* *	5	\$16,200	С
Gypsum Board	20%			LIFE	* *	5-10	\$73,600	С
			Extent : Light, Area					
	Location	n : New Auc	ditorium And Balco	ny Confe	erence Room			
Masonry: Brick	5%			LIFE	* *	10	\$3,200	С
Marble Panels	2%	Now	\$40,600	LIFE	* *		. ,	С
			ients, Extent : Mod		ea Affected : 10%			
		n : At Audit						
	Cracking/	Crumbling	, Extent : Moderate	, Area A	ffected : 10%			
	-	n : At Audit			0			
Plaster	43%		\$36,600	LIFE	* *	5	\$27,900	С
Taster			, Extent : Moderate		ffected · 5%	5	\$27,900	C
	-	-	Corridor Facing L	-	geelea : 570			
XX7 1		-	Corridor Fucing L		* *		¢172.200	
Wood	10%			LIFE		5	\$173,200	С
			ent, Extent : Light,	Area Aff	ected : 10%			
<u></u>	Location	n : New Aud	aitorium					
Ceilings	1 50/			2026	ste ste	-	A7 < 2 00	р
AcousTileConcealSpLn			***	2036	* *	5	\$76,300	В
AcousTileConcealSpLn			\$33,600	2028	* *	5	\$50,900	В
	-	-	, Extent : Light, Ard	ea Affect	ed : 10%			
		n : Through	out					
AcousTileSusp.Lay-In	10%			2036	* *	5	\$40,700	В
Exposed Concrete	10%			LIFE	* *	5-10	\$50,900	В
Gypsum Board	5%			LIFE	* *	5-10	\$69,900	В
			Extent : Light, Area					
	Location	n : New Auc	ditorium And Balco	ny Confe	erence Room			
Gypsum Board	10%			LIFE	* *	5-10	\$139,800	В
Plaster	30%			LIFE	* *	5-10	\$209,800	В
lectrical		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component	% of		Estimated Cost	Year	Estimated Cost	•	Estimated Cost	
Туре	Total	(Years)		FY		(Yrs)		Coo
ider 600 Volts								
Service Equipment								
Molded Case Bkrs	50%			2049	* *	5	\$3,800	В
Molded Case Dais			Extent : Moderate, A		ected : 100%	5	\$5,000	Ъ
		n : Electrico						
			Amps Main Discor	mect Sw	itch			
Moldad Casa Dima			imps mun Discoi	2049	* *	F	¢2 000	п
Molded Case Bkrs	50%		Extent . Madauata			5	\$3,800	В
			Extent : Moderate, A	чеа А ј је	cieu. 100%			
		n : Electrico			•. 1			
	Explana	tion : 4000	Amps Main Discon	inect Sw	แต			

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.

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Asset # : 2136

Electrical		Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
Under 600 Volts								
Transformers								
Dry Type	100%			2040	* *	5	\$1,100	В
			tent : Moderate, A	Area Affe	ected : 100%			
		ı : Electrical						
	Explana	tion : 2 Tran	sformers @ 500 I	Kva				
Switchgear / Switchboard								
Molded Case Bkrs	50%			2049	* *	5	\$3,800	В
Molded Case Bkrs	50%			2049	* *	5	\$3,800	В
Raceway								
Conduit	60%			2023	\$173,100	1		В
Conduit	10%			2033	* *	1		В
Conduit	30%			2049	* *	1		В
Panelboards								
Molded Case Bkrs	65%			2022	\$188,800	5	\$4,900	В
Molded Case Bkrs	30%			2045	* *	5	\$2,300	В
Molded Case Bkrs	5%			2031	* *	5	\$400	В
Wiring								
Braided Cloth	20%	2-4	\$65,300	2048	* *	1		В
		-	t : Moderate, Are	a Affecte	ed : 100%			
	Location	ı : Throughoi	ıt					
Thermoplastic	60%			2033	* *	1		В
Thermoplastic	20%			2049	* *	1		В
Motor Controllers								
Locally Mounted	20%			2028	* *	5	\$400	В
Locally Mounted	70%			2021	\$383,000	5	\$1,400	В
Locally Mounted	10%			2040	* *	5	\$200	В
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$8,500	В
	Other Obs	ervation, Ext	tent : Moderate, A	Area Affe	ected : 100%			
		n : Basement		50				
	Explana	tion : Water I	Main					
[johting	Ł							

Lighting

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Asset # : 2136

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	Priority Code
ighting								
Interior Lighting								
Fluorescent	65%			2023	\$1,123,500	10	\$162,100	В
			xtent : Moderate, A	Area Affe	ected : 100%			
		ı : Through						
	Explana	tion : Using	g T-8 Lamps					
Fluorescent	20%			2031	* *	10	\$49,900	В
	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Through	out					
	Explana	tion : Using	g T-8 And T-5 Lam	ps				
Fluorescent	5%			2018	\$86,400	10	\$12,500	В
		ervation, E	xtent : Moderate, A				+,- • • •	
		1 : Through		55				
		-	g T-12 Lamps					
HID	5%		, <i>F</i> ~	2031	* *	10	\$400	В
HID	2%			2031	\$24,300	10	\$200	B
Incandescent	2 <i>%</i> 3%			2018	\$51,900	2	\$200 \$200	B
Egress Lighting	3%			2018	\$31,900	Z	\$200	D
0 0 0	400/			2022	¢10.200	1		р
Emergency, Service	40%			2023	\$19,300 * *	1		B
Emergency, Service	10%			2031	* *	1		B
Exit, LED	10%			2058		1		B
Exit, Service	40%			2023	\$19,300	1		В
Exterior Lighting	1000/			2022	¢1 0 0 100	10	\$000	р
HID	100%			2023	\$128,100	10	\$900	В
larm								
Security System	1000/							P
Not Accessible	100%							D
Fire/Smoke Detection								-
No Component	70%							D
Generic	30%			2028	* *	1-3	\$53,000	В
lechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem	0/ 6							D
Component	% of Total		Estimated Cost	Year FY	Estimated Cost		Estimated Cost	
Туре	Total	(Years)		ГТ		(Yrs)		Cod
eating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		В
1 401	Other Obs	ervation. E	xtent : Light, Area	Affected	: 100%			
		ı : Basemen		55				
			Fank Of 15,000 Ga	llons				
Conversion Equipment	Lapiana							
Steam Boiler	100%			2040	* *	1	\$269,500	В
Steam Doner		ervation F	xtent : Light, Area			I	$\psi_{2}0^{j}, 500$	D
		i : Basemen			. 100/0			
	Explana	tion : 3 Boi	lers					

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Asset # : 2136

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	\$13,400	В
Terminal Devices								_
Air Handler	60%			2018	\$1,074,700	1	\$101,000	В
Convector/Radiator	40%			2028	* *	1	\$35,200	В
Air Conditioning								
Energy Source	200/			2021	* *	1		р
Electricity	30%			2031	* *	1		B
Steam/HW System	70%			2033		1		В
Conversion Equipment Reciprocating	85%			2031	* *	1	\$107,200	В
Compr/Chiller	D 124. D	C.:	Friday A. T. I. A.	A. CC	1.1000/			
		efrigerant, 1 : Chillers	Extent : Light, Arec Penthouse	i Affected				
Ext Pkg Unit - Cooling	15%			2023	\$230,000	2	\$2,500	В
			Extent : Light, Area	Affected	: 15%			
		: Various						
	Explana	tion : Split	Systems					
Distribution Chilled Wtr Pipe/Pump	100%			2033	* *	4	\$13,400	В
Terminal Devices	10070			2033			ψ15,400	D
Air Handler/Cool/Ht	100%			2023	\$1,411,100	1	\$168,300	В
Heat Rejection	100/0			2020	<i>\\\\\\\\\\\\\</i>	-	\$100,000	2
Air Condenser Unit	15%			2023	\$99,500	2	\$28,400	В
Water Cool Tower	85%	Now	\$16,200	2024	* *	2	\$186,000	В
			: Severe, Area Affe The Cooling Tower		5%			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$240,000	В
Exhaust Fans								
Interior	Noisy/Vib	0	\$17,400 ent : Moderate, Are		\$348,900 ed : 5%	2	\$6,400	В
		n : Fan Roo	m					
Roof	5%			2023	\$13,200	2	\$400	В
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		В
Water Heater								
Gas Fired	100%			2021	\$77,300	2	\$4,100	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)								
Rigid Piping	100%			2023	\$11,100	4	\$2,000	В

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Asset # : 2136

Mechanical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Sewage Ejector(s)						
Compressed Air	100%	2023	\$28,500	4	\$2,000	В
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			С
	Other Observation, Extent : Light, Location : Various Locations Explanation : Seven Units	Area Affected : 10	0%			
Escalators						
Under 20' Rise	100%	LIFE	* *			С
	Other Observation, Extent : Light, Location : 1-2 Explanation : Two Units	Area Affected : 10	0%			
Fire Suppression						
Standpipe						
Generic	100%	2043	* *	1-5	\$137,300	В
Sprinkler						
No Component	60%					D
Generic	40%	2043	* *	1-2	\$30,500	В

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

Print Date : 22-Oct-2012 BROOKLYN PUBLIC LIBRARY - FY 2013

Asset Name	: BUSINESS LIBRARY		
Address	: 280 CADMAN PLAZA WEST BTWN:	TILLERY ST PIE	RREPONT ST
Borough	: BROOKLYN	Agency's Number	: 50
Program / Asset #	: BPL0002.000 / 2137	Yr Built/Renovated	: 1962 / 2002
Area Sq Ft	: 52,545	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 08-Jul-2011	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 239 Lot : 16	BIN	: 3001939

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$244,800	
Electrical	\$196,300	\$117,300
Mechanical		\$118,600
Total	\$441,100	\$236,000
Priority A	\$244,800	
Priority B	\$196,300	\$236,000
Total	\$441,100	\$236,000

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$87,400	\$2,600		\$12,700
Interior Architecture	\$97,200		\$5,200	\$4,600
Electrical	\$10,800	\$3,000	\$2,600	\$28,000
Mechanical	\$28,200	\$16,200	\$11,900	\$15,500
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$231,600	\$29,600	\$27,600	\$68,600
Priority A	\$87,400	\$2,600		\$12,700
Priority B	\$78,400	\$27,000	\$22,400	\$51,400
Priority C	\$65,700		\$5,200	\$4,600
Total	\$231,600	\$29,600	\$27,600	\$68,600



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BUSINESS LIBRARY

Asset # : 2137

Architecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
system Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior								
Exterior Walls	70/	NT	¢5 500		* *	~	¢1 coo	
Masonry: Brick			\$5,500 derate, Area Affect d And Chimney Sta			5	\$1,600	А
Masonry: Limestone	-	Discoloring 1 : Through	, Extent : Light, Ar	LIFE ea Affecte	* * ed : 15%	5	\$13,200	А
	Vegetation	-	Extent : Light, Area	Affected	: 15%			
Granite Panels	15%			LIFE	* *	5	\$2,600	А
Window Wall	3%			2042	* *	5	\$2,600	А
Windows Aluminum		Now Missing, E 1 : Through	\$16,300 Extent : Moderate, A out	2038 Area Affe	* * cted : 40%	5	\$1,700	А
Parapets Masonry: Brick	Location Jnt Morta Location	1 : Through r Miss/Erod 1 : Through	d, Extent : Moderat out Inside Face	te, Area A	ffected : 40%	5	\$3,700	А
Masonry: Limestone	Location 35%	n : Through 0-2	derate, Area Affect out \$16,500 d, Extent : Light, A	LIFE	* *	5	\$3,500	A
		1 : Through	-	55				
Metal Rail	3%			2035	* *	5-10	\$4,300	А
Granite Panels	15%			LIFE	* *	5	\$1,300	А
Roof Modified Bitumen	Locatior Ponding, 1	ı : Through	oderate, Area Affec		\$244,800			A
Modified Bitumen	25%			2027	* *	10	\$11,400	А
iterior								
Floors						-	*	
a	25%			LIFE	* *	5	\$33,300	C
Cast in Place Concrete	1001			2031	* *	5	\$6,100	С
Ceramic Tile	10%				* *	F	¢0 400	
	10% 5% 60%	Now	\$34,500	LIFE 2027	* * * *	5 3	\$2,400 \$13,700	C C

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

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

BUSINESS LIBRARY

Asset # : 2137

Architecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Interior Walls								
Ceramic Tile	10%			2031	* *	5	\$4,300	С
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,700	С
Gypsum Board	55%			LIFE	* *	5	\$14,200	С
Mosaic Tile	10%	Now	\$31,300	LIFE	* *			С
	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	rea Affected : 5%			
	Location	e : Main Sta	irwell Throughout					
Wood	15%			LIFE	* *	5	\$25,900	С
Ceilings								
AcousTileSusp.Lay-In	60%	Now	\$24,200	2035	* *	5	\$18,300	В
	Staining/L	Discoloring,	Extent : Moderate	, Area A	ffected : 10%			
	Location	a : At Check	k Out Areas And Cl	hildren R	Reading Room			
	Water Per	etration, E	xtent : Moderate, A	Area Affe	ected : 10%			
	Location	a : At Check	k Out Areas And Cl	hildren R	Reading Room			
Exposed Concrete	20%			LIFE	* *	5	\$1,900	В
Gypsum Board	5%			LIFE	* *	5	\$3,800	В
Metal Panel	15%	Now	\$7,300	LIFE	* *	5	\$11,400	В
	Loose Uni	ts, Extent :	Light, Area Affecte					
	. .	~						

Location : Corridor

lectrical	Current	Current Repair		e Replacement	Maintenance			
/stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
nder 600 Volts								
Service Equipment								
Fused Disc Sw	100%		2022	\$5,100	5	\$200	В	
	Other Observation,	Extent : Moderate, A	Area Affe	ected : 100%				
	Location : Electric	al Room						
	Explanation : One	1200 Amps Main D	isconnec	et Switch				
Switchgear / Switchboard								
Molded Case Bkrs	100%		2022	\$59,100	5	\$1,100	В	
Raceway								
Conduit	80%		2022	\$28,100	1		В	
Conduit	20%		2032	* *	1		В	
Panelboards								
Fused Disc Sw	10%		2021	\$5,000	5	\$100	В	
Molded Case Bkrs	60%		2021	\$30,200	5	\$700	В	
Molded Case Bkrs	30%		2030	* *	5	\$300	В	
Wiring								
Braided Cloth	20% 2-4	\$7,800	2047	* *	1		В	
	Insulation Aged, Ext		a Affecte	ed : 100%				
	Location : Baseme							
Thermoplastic	60%		2032	* *	1		В	
Thermoplastic	20%		2032	* *	1		B	

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

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

BUSINESS LIBRARY

Asset # : 2137

			#.2137				
Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date Estimate (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
Under 600 Volts							
Motor Controllers							
Locally Mounted	50%		2027	* *	5	\$100	В
Locally Mounted	50%		2020	\$15,800	5	\$100	В
Ground							
Grounding Devices	1000/	0.0	4000 LIFE	* *	~	ф.coo	D
Generic	100%	0-2	\$900 LIFE		5	\$600	В
		vation, Extent : Mo Water Main	aeraie, Area Ajje	ciea : 100%			
		on : Corroded					
ighting	Explanalle	on : Corroaea					
Interior Lighting							
Fluorescent	67%		2017	\$160,100	10	\$25,000	В
Thoreseent		vation, Extent : Mo			10	\$25,000	D
		Throughout The Bu					
		on : T-12 Lamps					
Fluorescent	30%		2027	* *	10	\$11,200	В
Incandescent	3%		2027	\$7,200	2	ψ11,200	B
Egress Lighting	570		2017	\$7,200	2		D
Emergency, Service	50%		2022	\$3,300	1		В
Exit, Service	50%		2022	\$3,300	1		В
Exterior Lighting			-	1 - 7			
HID	100%		2017	\$17,800	10	\$100	В
Jarm							
Security System							
No Component	70%						D
Generic	30%		2027	* *	1	\$4,800	В
Fire/Smoke Detection							
No Component	30%						D
Generic	70%		2027	* *	1-3	\$18,600	В
Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
1	0/ 6 F						D • • •
Component		ail Date Estimate (Years)	d Cost Year FY	Estimated Cost	(Yrs)	Estimated Cost	Priority
Туре	Total	(rears)	ГІ		(118)		Cou
leating							
Energy Source							
Natural Gas	100%		2042	* *	1		В
Conversion Equipment							
Hot Water Boiler	100%		2027	* *	1	\$20,200	В
		vation, Extent : Lig	ht, Area Affected	: 100%			
		Sub Basement					
		-		P. 11			
	Explanatio	on : 7 Gas Fired Sec	tional Hot Water	r Boilers			
Distribution Hot Wtr Piping/Pump	Explanatic 100%	on : 7 Gas Fired Sec	tional Hot Water 2038	* Boilers * *	4	\$3,000	В

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

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

BUSINESS LIBRARY

Asset # : 2137

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 Code
leating	-							
Terminal Devices								
Air Handler	5%		\$12,400	2032	* *	1	\$1,100	В
		-	oning, Extent : Mo out, Dampers Are I				ability Of System	
Air Handler	85%			2027	* *	1	\$21,400	В
Convector/Radiator	10%			2035	* *	1	\$1,300	В
ir Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		В
Conversion Equipment								
Reciprocating	90%			2027	* *	1	\$17,000	В
Compr/Chiller								
Ext Pkg Unit - Cooling	10%			2022	\$21,200	2	\$300	В
Distribution								
Chilled Wtr Pipe/Pump	2%		\$4,500	2052	* *	4		В
			: Moderate, Area A	55				
	Location	ı : Second I	Floor, Defective Pu	mp Seals	s And Bearings			
Chilled Wtr Pipe/Pump	98%			2042	* *	4	\$3,000	В
Terminal Devices								
Fan Coil - Cool/Heat	100%			2027	* *	1	\$13,200	В
Heat Rejection								
Air Condenser Unit	10%			2022	\$9,200	2	\$2,800	В
Water Cool Tower	90%			2023	\$118,600	2	\$36,800	В
entilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$22,700	В
Exhaust Fans								
Roof	100%			2027	* *	2	\$1,300	В
umbing								
H/C Water Piping								
Brass/Copper	5%			2048	* *	1		В
Galv Iron/Steel	95%			2027	* *	1		В
Water Heater								
Gas Fired	100%			2022	\$10,700	2	\$600	В
			Extent : Light, Area	Affected	: 100%			
		ı : Sub Base						
	Explana	tion : New	Unit Installed					
Sanitary Piping	1000			1				F
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	1000			TIPE	als als	4		
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)	100			0005	als als		** • • • •	
Rigid Piping	100%			2027	* *	4	\$2,000	В
Sewage Ejector(s)					<i></i>		*= ~~-	-
Electric	100%			2022	\$10,200	4	\$2,000	В
Backflow Preventer							.	_
Generic	100%			2027	* *	1	\$2,500	В

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

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

BUSINESS LIBRARY

Asset # : 2137

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Geared Traction	50%	LIFE	* *			С
	Other Observation, Extent : Ligh	t, Area Affected :	: 50%			
	Location : Sub Basement Thru	Second Floor				
	Explanation : One Unit					
Hydraulic	50%	LIFE	* *			С
	Other Observation, Extent : Ligh Location : First Thru Second F Explanation : One Unit		: 50%			
Fire Suppression	Explanation : One Onti					
Sprinkler						
No Component	75%					D
Generic	25%	2042	* *	1-2	\$2,900	В
	Other Observation, Extent : Ligh		: 100%		• ,	
	Location : Exterior					
	Explanation : No Siamese Con	nection Evident				

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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: 22-Oct-2012 BROOKLYN PUBLIC LIBRARY - FY 2013

Asset Name	: FLATBUSH BRANCH LIBRARY		
Address	: 22 LINDEN BLVD. BTWN: FLATBUS	SH AVE - BEDFORI	DAVE
Borough	: BROOKLYN	Agency's Number	: 38
Program / Asset #	: BPL0003.000 / 4202	Yr Built/Renovated	: 1905 / 2010
Area Sq Ft	: 21,790	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 08-Jul-2011	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 5086 Lot : 15	BIN	: 3116706

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$186,200	
Mechanical		\$203,400
Total	\$186,200	\$203,400
Priority A	\$186,200	
Priority B		\$203,400
Total	\$186,200	\$203,400

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$76,700			
Interior Architecture	\$27,400	\$5,500	\$1,600	\$300
Electrical	\$500	\$700	\$500	\$18,700
Mechanical	\$7,700	\$4,200	\$8,000	\$3,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$116,200	\$14,300	\$14,100	\$26,700
Priority A	\$76,700			
Priority B	\$12,100	\$11,900	\$12,500	\$26,400
Priority C	\$27,400	\$2,400	\$1,600	\$300
Total	\$116,200	\$14,300	\$14,100	\$26,700



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 # : 4202

chitecture	Current F	Current Repair Future Replaceme			Μ	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
erior							
Exterior Walls	20/ N	¢ 2 500		* *	~	¢200	
Glass Block	2% Now Broken/Missing Elem Location : Through	0	LIFE t, Area A		5	\$300	А
Masonry: Brick	83% Now Cracking/Crumbling, Location : Southwe,	st Exit		-	5	\$18,500	A
	Diagonal Cracks, Ex. Location : South Fa Vertical Cracks, Exte Location : Chimney	acade ent : Moderate, Are					
Masonry: Limestone	5% Now Cracking/Crumbling, Location : Through	0	LIFE ea Affecte	* * ed : 10%	5	\$800	А
Pre-Cast Concrete	10% Now Jnt Mortar Miss/Eroc Location : Building Open Joints, Extent : Location : Building	Base Moderate, Area Aj			5	\$7,200	A
Windows							
Aluminum	93% Now Broken/Missing Elem Location : Through	-	2038 t, Area A	* * ffected : 10%	5	\$2,300	А
Metal Louvers	5% 2-4 Corrosion/Rusting, E Location : South Fa Deteriorated Finish, Location : South Fa	acade Extent : Moderate,					A
Steel	2% 2-4 Corrosion/Rusting, E Location : Through		2047 a Affecte	* * d : 30%	5	\$600	А

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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	Futu	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Parapets								
Cast Stone/Terra Cotta	5%	0-2	\$9,300	LIFE	* *	5	\$2,000	А
			d, Extent : Light, A	rea Affec	eted : 10%			
	Location	: Through	out					
Masonry: Brick	90%	Now	\$62,900	LIFE	* *	5	\$4,800	А
			d, Extent : Moderat	e, Area	Affected : 20%			
		: Through						
	-		Extent : Moderate,	Area Af	fected : 20%			
		: South Fo			,			
			derate, Area Affect	ed : 20%	6			
		: Interior						
Metal Panel	5%	Now	\$4,600	2042	* *	5	\$500	А
	-	en/Split, Ex : Coping .	ctent : Moderate, A Ioints	rea Affec	cted : 10%			
	Caulking Deteriorated, Extent : Moderate, Area Affected : 10%							
	-	: Joints A						
Roof								
Built-Up (BUR)	93%	Now	\$9,200	2027	* *			А
		d/Misposn : Southea.	, Extent : Moderate st Side	e, Area A	ffected : 10%			
			Extent : Moderate, A	Area Aff	ected · 10%			
	-	: South Si		ncung				
Skylight, Metal/Glass	5%			2048	* *	10	\$3,100	А
Skylight, Metal/Glass	2%			2040	* *	10	\$1,200	A
nterior	270			2032		10	φ1,200	11
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$2,800	С
Ceramic Tile	5%			2031	* *	5	\$1,300	С
Terrazzo	5%	2-4	\$1,900	LIFE	* *	5	\$1,000	С
	Cracking/O	Crumbling	Extent : Light, Are	ea Affect	ed : 10%			
	Location	: Through	out					
Vinyl Tile	75%			2027	* *	3	\$7,100	С
Vinyl Tile	10%	Now	\$23,800	2032	* *	3	\$900	С
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
	Location	: Storage	Room In Basement					
	Loose Unit	ts, Extent :	Moderate, Area Ag	ffected :	25%			
		-	Room In Basement					
			: Moderate, Area	Affected	: 25%			
	Location	: Storage	Room In Basement					

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

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

Asset # : 4202

Total 5% 10% 5% 10% 5% 60% 5% <i>acking/</i>	Current F Fail Date (Years)	Estimated Cost	Year FY 2031 LIFE LIFE LIFE	e Replacement Estimated Cost ** ** ** ** **	Cycle (Yrs) 5 5 5 5 5	Estimated Cost \$1,900 \$1,500 \$1,400	Code C C C
Total 5% 10% 5% 10% 5% 60% 5% <i>acking/</i>	(Years)		FY 2031 LIFE LIFE LIFE	* * * * * *	(Yrs)	\$1,900 \$1,500 \$1,400	Code C C C
10% 5% 10% 5% 60% 5% acking/	Norr		LIFE LIFE LIFE	* * * *	5 5	\$1,500 \$1,400	C C
10% 5% 10% 5% 60% 5% acking/	Now		LIFE LIFE LIFE	* * * *	5 5	\$1,500 \$1,400	C C
10% 5% 10% 5% 60% 5% acking/	Now		LIFE LIFE LIFE	* * * *	5 5	\$1,500 \$1,400	C C
5% 10% 5% 60% 5% acking/	Now		LIFE LIFE	* *	5	\$1,400	С
10% 5% 60% 5% acking/	New		LIFE				
5% 60% 5% acking/	Now			* *	5	AAAAAAAAAAAAA	
60% 5% acking/	Now		TTTT		5	\$2,300	С
5% /acking	Now		LIFE	* *			С
acking/	Now		LIFE	* *	5	\$6,800	С
-	INOW	\$1,700	LIFE	* *	5	\$600	С
ocation	Crumbling,	Extent : Moderate	, Area Af	ffected : 10%			
	ı : Mens Re	stroom In Basemen	t				
int Peel	ling, Extent	t : Moderate, Area A	Affected .	: 5%			
location	ı : Meeting	Room On Second H	Floor				
25%			2035	* *	5	\$6,300	В
10%			LIFE	* *	5	\$3,100	В
65%			LIFE	* *	5	\$10,200	В
	Current F	Repair	Futur	e Replacement	Ma	aintenance	
% of	Fail Date	Estimated Cost	Vear	Estimated Cost	Cycle	Estimated Cost	Priority
Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	Cod
100%			2042	* *	5	\$100	В
her Obs	servation, E	xtent : Moderate, A	Area Affe	cted : 100%			
ocation	ı : Electrica	ıl Room					
Explana	tion : One .	1200 Amps Main D	isconnec	et Switch			
60%			2042	* *	5		В
40%			2032	* *	5	\$200	В
70%			2022	\$16,900	1		В
30%			2042	* *	1		В
10%			2038	* *	5		В
70%			2038	* *	5	\$300	В
200/			2021	\$4,500	5	\$100	В
20%							
20%							
20% 80%			2042	* *	1		В
			2042 2022	* * \$5,200	1 1		B B
80%							
80% 20%			2022		1	\$100	
80%				\$5,200		\$100	В
80% 20%			2022	\$5,200	1	\$100	В
80% 20%			2022	\$5,200	1	\$100 \$100	В
	25% 10% 65% % of Total 100% her Obs ocation Explana 60% 40% 70% 30%	25% 10% 65% Current F % of Fail Date Total (Years) 100% her Observation, E ocation : Electrica Explanation : One F 60% 40% 70% 30%	25% 10% 65% Current Repair % of Fail Date Estimated Cost Total (Years) 100% her Observation, Extent : Moderate, A location : Electrical Room Explanation : One 1200 Amps Main D 60% 40% 70% 30% 10%	25%203510%LIFE65%LIFECurrent RepairV of TotalFail Date (Years)100%2042100%2042her Observation, Extent : Moderate, Area Affe cocation : Electrical RoomExplanation : One 1200 Amps Main Disconnect60%204240%203270%202230%204210%2038	25% 2035 ** 10% LIFE ** 65% LIFE ** Current Repair Future Replacement % of Fail Date Estimated Cost Total (Years) Year Estimated Cost FY 100% 2042 ** her Observation, Extent : Moderate, Area Affected : 100%	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	25% 2035 $**$ 5 \$6,300 10% LIFE $**$ 5 \$3,100 65% LIFE $**$ 5 \$10,200 Current Repair Future Replacement Maintenance % of Fail Date Estimated Cost Year Estimated Cost Cycle Estimated Cost 100% 2042 $**$ 5 \$100 her Observation, Extent : Moderate, Area Affected : 100% \$100 her Observation, Extent : Moderate, Area Affected : 100% \$100 60% 2042 $**$ 5 \$200 70% 2032 $**$ 5 \$200 70% 2022 \$16,900 1 30% 2042 $**$ 1 10% 2038 $**$ 5

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

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

Asset # : 4202

		Asset # : 4	HZUZ				
Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
ighting			•				
Interior Lighting							
Fluorescent	77%		2027	* *	10	\$12,600	В
		servation, Extent : Moderate,	Area Affe	ected : 100%			
		n : Throughout					
		ttion : T-8 Lamps					
Fluorescent	20%		2027	**	10	\$3,300	В
		servation, Extent : Moderate,					
		n : 2nd Floor Hallway, Basen	ient Stora	ige Ana Haiiway			
In condessant		tion : T-5 Lamps	2027	* *	2		D
Incandescent	3%		2027		2		В
Egress Lighting Emergency, Battery	50%		2027	* *	10	\$2,200	В
Exit, Service	50%		2027	* *	10	\$2,200	B
Exterior Lighting	5070		2027		1		D
HID	100%		2027	* *	10	\$100	В
Alarm	10070		2027		10	ψ100	Ъ
Security System							
No Component	70%						D
Generic	30%		2027	* *	1	\$2,000	В
Fire/Smoke Detection							
No Component	70%						D
Generic	30%		2027	* *	1-3	\$3,300	В
Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
leating							
Energy Source							
Natural Gas	100%		2032	* *	1		В
Conversion Equipment	1000/		20.42	* *	1	¢0,000	р
Hot Water Boiler	100% Basant Ba		2042	* *	1	\$8,800	В
	Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Basement						
Distribution	Locuitor	n . Dusemeni					
Hot Wtr Piping/Pump							-
	100%		2047	* *	1	\$1,300	R
1 0 1	100% Recent Re		2047 Area Aff		4	\$1,300	В
	Recent Re	place Evident, Extent : Light n : Basement			4	\$1,300	В
	Recent Re	eplace Evident, Extent : Light			4	\$1,300	В
Terminal Devices	Recent Re Location	place Evident, Extent : Light n : Basement	, Area Aff	ected : 100%			
	Recent Re	place Evident, Extent : Light n : Basement	, Area Aff 2022		4	\$4,400	В
Terminal Devices Air Handler	Recent Re Location 40%	pplace Evident, Extent : Light n : Basement	, Area Aff	ected : 100% \$43,400	1		
Terminal Devices Air Handler Air Handler Convector/Radiator	Recent Re Location 40% 20%	pplace Evident, Extent : Light n : Basement	, Area Aff 2022 2030	ected : 100% \$43,400 **	1	\$4,400 \$2,200	B B
Terminal Devices Air Handler Air Handler	Recent Re Location 40% 20%	pplace Evident, Extent : Light n : Basement	, Area Aff 2022 2030	ected : 100% \$43,400 **	1	\$4,400 \$2,200	B B

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

lechanical		Current R	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
ir Conditioning Conversion Equipment Reciprocating Compr/Chiller	100%			2022	\$68,400	1	\$8,300	В
Distribution Chilled Wtr Pipe/Pump No Component	80% 20%			2032	* *	4	\$700	B D
Terminal Devices Air Handler/Cool/Ht Air Handler/Cool/Ht Fan Coil - Cool/Heat	60% 20% 20%			2022 2027 2027	\$51,300 * * * *	1 1 1	\$6,600 \$2,200 \$1,200	B B B
Heat Rejection Air Condenser Unit	100%			2022	\$40,200	2	\$12,400	В
entilation Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,900	В
Exhaust Fans Roof	100%			2030	* *	2	\$600	В
umbing H/C Water Piping Brass/Copper Galv Iron/Steel Water Heater Electric		place Evide : Basemen	ent, Extent : Light, .	2032 2027 2022 Area Affe	* * ** \$3,100 ected : 100%	1 1 4	\$200	B B B
Sanitary Piping Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s) Rigid Piping		place Evide : Basemen	ent, Extent : Light, . t	2030 Area Affe	* * ected : 100%	4	\$2,000	В
Sewage Ejector(s) Electric	100%			2022	\$10,200	4	\$2,000	В
Backflow Preventer Generic	Location	0-2 ervation, E : Basemen tion : Slight		2030 Affected	* * 1: 100%	1	\$1,000	В
Fixtures Generic	100%	non . Sugni	Leun					В

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

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 Code
Vertical Transport				•
Elevators				
Hydraulic	100%	LIFE **		С
-	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.

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

Print Date : 22-Oct-2012 BROOKLYN PUBLIC LIBRARY - FY 2013

Asset Name Address	: KINGS HIGHWAY BRANCH LIBRA : 2115 OCEAN AVE. @KINGS HIGHW		
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	: 20-Jul-2010	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 6783 Lot : 68	BIN	: 3182576

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Mechanical		\$263,200
Total		\$263,200
Priority B		\$263,200
Total		\$263,200

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$6,400		\$6,300	
Interior Architecture			\$10,200	
Electrical	\$1,800	\$1,800	\$2,600	\$1,800
Mechanical	\$3,000	\$4,000	\$3,800	\$4,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$15,100	\$9,700	\$26,800	\$10,200
Priority A	\$6,400		\$6,300	
Priority B	\$8,700	\$9,700	\$16,900	\$10,200
Priority C			\$3,600	
Total	\$15,100	\$9,700	\$26,800	\$10,200



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

Asset # : 4206

rchitecture		Current F	Repair	Future Replacement Maintenance						
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod		
terior										
Exterior Walls										
Masonry: Brick	90%			LIFE	* *	5	\$24,400	А		
Masonry: Limestone	2%			LIFE	* *	5	\$400	А		
Metal Panel	5%			2051	* *	5-10	\$9,300	А		
	Recent Construction, Extent : Light, Area Affected : 100%									
	Location	: West Fa	cade							
Window Wall	3%			2051	* *	5	\$3,000	А		
	Recent Co	nstruction,	Extent : Light, Are	a Affecte	ed : 100%					
		: Main En								
		Other Observation, Extent : Moderate, Area Affected : 100%								
		: Through								
	Explanat	tion : Majo	r Renovation Was	Complete	ed In 2009					
Windows	100-					_	** • • • •			
Aluminum	100%			2046	* *	5	\$3,800	Α		
	-	Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Throughout								
	Location	: Through	out							
Parapets	0.00/				* *	~	¢ 2 <00			
Masonry: Brick	80%			LIFE	* * *	5	\$2,600	A		
Masonry: Limestone Metal Panel	15%			LIFE	* *	5	\$600	A		
	5%			2051		5	\$600	А		
Roof Modified Bitumen	95%	Now	\$6,400	2031	* *			А		
Modified Bitumen			oings, Extent : Mod					A		
		: Over Fii	-	<i>cruic</i> , <i>1</i> 17	eu Agjecieu . 570					
Skylight, Metal/Glass	5%		5777007	2031	* *	10	\$3,100	A		
erior	J 70			2031		10	\$5,100	A		
Floors										
Cast in Place Concrete	10%			LIFE	* *	5	\$6,400	С		
Ceramic Tile	5%			2036	* *	5	\$1,500	C		
Terrazzo	5%			LIFE	* *	5	\$1,100	C		
Vinyl Tile	80%			2031	* *	3	\$8,800	Č		
Interior Walls	0070			2001		U	\$0,000	0		
Glass: Single Pane	5%			LIFE	* *	5	\$1,700	С		
Gypsum Board	20%			LIFE	* *	5	\$5,500	C		
Masonry: Fieldstone	5%			LIFE	* *		,	C		
Plaster	50%			LIFE	* *	5	\$6,900	C		
SGFT/Glazed Masonry	20%			LIFE	* *			Ċ		
Ceilings										
AcousTileSusp.Lay-In	45%			2041	* *	5	\$13,100	В		
Exposed Concrete	25%			LIFE	* *	5	\$1,100	В		
Plaster	25%			LIFE	* *	5	\$4,600	В		
Wood	5%			LIFE	* *	5	\$12,800	В		

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 Code

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

		ASSet # : 4					
Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
nder 600 Volts							
Service Equipment							
Fused Disc Sw	Location :	vation, Extent : Moderate, A Electrical Room on : One 1200 Amps Main D			5	\$100	В
Switchgear / Switchboard							
Fused Disc Sw	100%		2051	* *	5	\$100	В
Raceway							
Conduit	100%		2051	* *	1		В
Panelboards							
Fused Disc Sw	5%		2046	* *	5		В
Molded Case Bkrs	95%		2046	* *	5	\$500	В
Wiring							
Thermoplastic	100%		2051	* *	1		В
Motor Controllers							
Locally Mounted	100%		2041	* *	5	\$100	В
fround			-		-		
Grounding Devices							
Generic	100%		LIFE	* *	5	\$300	В
ighting					-	+	
Interior Lighting							
Fluorescent	85%		2031	* *	10	\$15,200	В
	Location :	vation, Extent : Moderate, A Throughout n : Using T-8 Lamps	Area Affe	rcted : 100%			
Fluorescent	15%		2031	* *	10	\$2,700	В
	Location :	vation, Extent : Moderate, A Throughout m : Using T-5 Lamps	Area Affe	ected : 100%			
Egress Lighting							
Emergency, Service	50%		2031	* *	1		В
Exit, Service	50%		2031	* *	1		В
Exterior Lighting							
HID	100%		2031	* *	10	\$100	В
larm							
Security System							
Generic	100%		2031	* *	1	\$7,300	В
Fire/Smoke Detection							
Generic	100%		2031	* *	1-3	\$12,000	В
Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of F	ail Date Estimated Cost (Years)		Estimated Cost		Estimated Cost	Priorit Cod
leating							
Energy Source Natural Gas	100%		2047	* *	1		В

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ieating								
Conversion Equipment								
Hot Water Boiler	100%			2038	* *	1	\$9,700	В
			Extent : Light, Area	Affected	: 100%			
			nt Boiler Room					
	Explana	tion : 2 Un	its					
Distribution								
Hot Wtr Piping/Pump	100%			2037	* *	4	\$1,000	В
Terminal Devices								
Air Handler	40%			2026	* *	1	\$4,800	В
Convector/Radiator	60%			2034	* *	1	\$3,800	В
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		В
Conversion Equipment								
Int Pkg Unit -	60%			2022	\$263,200	2	\$700	В
Heating/Cooling								
Ext Pkg Unit - Cooling	40%			2026	* *	2	\$500	В
Heat Rejection								
Air Condenser Unit	60%			2029	* *	2	\$8,200	В
No Component	40%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,900	В
Exhaust Fans								
Interior	95%			2029	* *	2	\$600	В
Roof	5%			2029	* *	2		В
lumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		В
Water Heater								
Gas Fired	100%			2019	\$5,100	2	\$300	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sewage Ejector(s)								
Electric	100%			2026	* *	4	\$2,000	В
Backflow Preventer								
Generic	100%			2029	* *	1	\$1,200	В
Fixtures								
Generic	100%							В
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			С
			Extent : Light, Area	Affected	: 100%			
	Location							
	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.

Asset # : 4206

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression							
Sprinkler							
No Component	70%						D
Generic	30%		2047	* *	1-2	\$1,600	В

 Note :
 All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 2013 Print Date : 22-Oct-2012

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	: 26-Sep-2007	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 4090 Lot : 1	BIN	: 3090726

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$459,400	
Interior Architecture	\$323,000	
Electrical		\$130,600
Mechanical		\$98,900
Total	\$782,500	\$229,500
Priority A	\$459,400	
Priority B	\$166,600	\$229,500
Priority C	\$156,400	
Total	\$782,500	\$229,500

Total	\$111,400	\$6,400	\$7,800	\$17,200
Priority C	\$11,500			\$3,600
Priority B	\$32,800	\$6,400	\$7,800	\$13,600
Priority A	\$67,000			
Total	\$111,400	\$6,400	\$7,800	\$17,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$3,400	\$2,400	\$3,900	\$1,900
Electrical	\$24,200	\$100		\$7,800
Interior Architecture	\$12,800			\$3,600
Exterior Architecture	\$67,000			
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



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

Architecture		Current Repair Future Replacement				M		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior								
Exterior Walls						_		
Cast in Place Concrete	Location Exposed R	: Canopy leinforcem	\$6,200 , Extent : Moderate At Service Entranc ent, Extent : Moder At Service Entranc	e ate, Ared		5	\$2,400	A
Masonry: Brick	81%	Now	\$65,500	LIFE	* *	5	\$19,700	А
	Location Jnt Morta Location Rusting M	: Corners r Miss/Ero : Through	d, Extent : Moderat cout ot, Extent : Modera	e, Area A	Affected : 35%			
Metal Panel	Location Deformed Location Deteriorat	: Exterior /Dented, E. : Exterior	xtent : Moderate, A Doors Extent : Severe, Ar	rea Affec	eted : 25%	5	\$900	A
Granite Panels	Location Misaligne	: South Fe	Extent : Moderate,			5	\$900	A
Slate Panels	Location Spalling, 1	Crumbling : North F	oderate, Area Affect	-		5	\$1,800	A
Windows								
Aluminum	Location Deteriorat Location Glazing C Location Thermally Location Water Pen Location	ttion, Exter e : Through ed Finish, : Through louded, Ex : Through Inefficient e : Through tetration, E : North Fo	Extent : Moderate, wout tent : Moderate, An wout c, Extent : Moderate wout Extent : Moderate, A acade,South Facad	Area Aff ea Affect , Area A Area Affe e	Tected : 50% ed : 25% ffected : 100% cted : 20%	5	\$3,600	А
		trip Missin : Through	eg, Extent : Modera 2001	te, Area	Affected : 25%			

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

Asset # : 4203

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 Code
xterior								
Parapets								
Masonry: Brick	Location Jnt Mortan Location Water Pen	Cracks, Ex : Corners r Miss/Eroo : Through petration, E	\$48,700 tent : Moderate, At d, Extent : Moderat out Extent : Moderate, A acade,South Facad	te, Area A Area Affe	Affected : 50%	5	\$3,700	A
Masonry: Limestone	5%	Now	\$2,300	LIFE	* *	5	\$200	Α
	Location Caulking I	: Coping	d, Extent : Moderat	te, Area A			·	
Roof								
Modified Bitumen	Location Drains Ind Location Recent Rej	xtent : Moo : Roof Ov ad/Misposn : Roof Ov	\$13,000 derate, Area Affect er Second Floor , Extent : Moderat er Second Floor ent, Extent : Light, out	e, Area A	ffected : 25%			А
terior		0						
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$3,200	С
Ceramic Tile	3%			2022	\$19,100	5	\$900	С
Terrazzo	5%			LIFE	* *	5	\$1,100	С
Vinyl Tile	Location Worn/Erod	: Basemer ded, Exteni	\$156,400 ctent : Light, Area A nt And First Floor : Light, Area Affeo			3	\$6,200	C
	Location	: Basemer	nt And First Floor					
Vinyl Tile	-	place Evid : Second I	ent, Extent : Light, Floor	2029 Area Affe	* * ected : 100%	3	\$4,400	C
Interior Walls					de ale	_	* • • • •	ä
Concrete Masonry Unit	10%	2 4	¢10,100	LIFE	* *	5	\$900	C
Glass: Single Pane	Location	: Vestibul ervation, E	\$10,400 hents, Extent : Ligh e Doors At First, B Extent : Moderate, A e Doors At Baseme	asement . Area Affe	ffected : 10% And Second Floor		\$300	С
	Location	. vesildul	e Doors In Duseme					
			riorated Finish					
Gypsum Board				LIFE	* *	5	\$1,300	C
Gypsum Board Marble Panels	Explana				* *	5	\$1,300	C C
	Explanat 10%			LIFE		5	\$1,300 \$4,400	C C C

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

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

Asset # : 4203

			ASSEL # . 4	203				
Architecture		Current Repair Future Replacement				Ma		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
terior								
Ceilings AcousTileConcealSpLn	75%	0-2	\$166,600	2039	* *	5	\$13,600	В
AcoustineConceatsplin	Cracking/ Location Staining/I Location	Crumbling, 1 : Through Discoloring, 1 : Through	Extent : Moderate out Extent : Moderate	, Area Aj , Area Aj	ffected : 25% ffected : 25%	3	\$13,000	Б
	Location	ı : First And	d Second Floors					
Plaster	20%			LIFE	* *	5	\$3,600	В
Plaster	Location	ı : Basemen	\$1,200 Extent : Moderate t Corridor xtent : Moderate, A	Ū		5	\$900	В
	Location	n : Basemen				_		
Electrical		Current F	Repair	Futur	e Replacement	Ma	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
nder 600 Volts								
Service Equipment Fused Disc Sw	Location	ı : Electrica				5	\$100	В
<u> </u>	Explana	tion : One	200 Amps Main D	isconnec	et Switch			
Switchgear / Switchboard	E 00/			2010	¢22.100	F		р
Fused Disc Sw	50%			2019	\$22,100 * *	5		B
Fused Disc Sw	50%			2029		5		В
Raceway Conduit	70%			2019	\$16,900	1		В
Conduit	30%			2019	\$10,900	1		B
Panelboards	5070			2037		1		<u> </u>
Molded Case Bkrs	70%			2018	\$15,700	5	\$400	В
Molded Case Bkrs								
	30%			2035	* *	5	\$200	В
	30%			2035	* *	5	\$200	В
Wiring	<u> </u>	2-4	\$18,100	2035 2044	* *	5	\$200	В
	70% Insulation		\$18,100 ont : Moderate, Are out	2044	* *	-	\$200	
Wiring	70% Insulation	Aged, Exte	ent : Moderate, Are	2044	* *	-	\$200	
Wiring Braided Cloth	70% Insulation Location	Aged, Exte	ent : Moderate, Are	2044 a Affecte	* * ed : 100%	1	\$200	В
Wiring Braided Cloth Thermoplastic	70% Insulation Location	Aged, Exte	ent : Moderate, Are	2044 a Affecte	* * ed : 100%	1	\$200	В
Wiring Braided Cloth Thermoplastic Motor Controllers	70% Insulation Location 30%	Aged, Exte	ent : Moderate, Are	2044 a Affecte 2039	* * ed : 100% * *	1		B
Wiring Braided Cloth Thermoplastic Motor Controllers Locally Mounted Locally Mounted	70% Insulation Location 30%	Aged, Exte	ent : Moderate, Are	2044 a Affecte 2039 2017	** ed : 100% ** \$7,700	1 1 5	\$100	B B B
Wiring Braided Cloth <u>Thermoplastic</u> Motor Controllers Locally Mounted	70% Insulation Location 30%	Aged, Exte	ent : Moderate, Are	2044 a Affecte 2039 2017	** ed : 100% ** \$7,700	1 1 5	\$100	B B B

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 # : 4203

			ASSet # : 4/	203					
Electrical		Current I	Repair	Future Replacement			Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod	
ighting									
Interior Lighting									
Fluorescent	95%			2019	\$108,400	10	\$16,900	В	
			Extent : Moderate, A	Area Affe	ected : 100%				
		n : Through							
			g T8 And T12 Lamp						
Incandescent	5%			2014	\$5,700	2		В	
Egress Lighting									
Emergency, Service	45%			2024	* *	1		В	
Exit, Service	45%			2024	* *	1		В	
Exit, Service	10%			2014	\$300	1		В	
Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance		
System	% of		Estimated Cost		Estimated Cost		Estimated Cost	Priority	
Component	Total	(Years)	Estimated Cost	Year FY	Estimated Cost	(Yrs)	Estimated Cost	Cod	
Туре	Total	(1013)		•••		(115)		Cou	
Heating									
Energy Source									
Natural Gas	100%			2039	* *	1		В	
Conversion Equipment	100-		** ***				* • • ••	-	
Hot Water Boiler	100%		\$2,500	2024	* *	1	\$8,700	В	
		, Extent : Se n : Boiler R	evere, Area Affected	a : 20%					
Distribution	Locuito	n. Doner K	00m						
	100%			2027	* *	4	¢1 400	В	
Hot Wtr Piping/Pump Terminal Devices	100%			2027		4	\$1,400	D	
Convector/Radiator	100%			2024	* *	1	\$6,300	В	
Air Conditioning	100%			2024		1	\$0,500	D	
Energy Source									
Electricity	100%			2035	* *	1		В	
Conversion Equipment	100/0			2055		1		Б	
Int Pkg Unit - Cooling	35%			2023	\$98,900	2	\$400	В	
Ext Pkg Unit - Cooling				2027	**	2	\$800	В	
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,800	В	
Exhaust Fans									
Interior	50%	Now	\$200	2019	\$12,100	2	\$200	В	
	Not in Set	rvice, Exten	t : Severe, Area Aff	fected : 2	0%				
	Locatio	n : Basemer	nt Staff Lounge						
Roof	50%			2019	\$8,700	2	\$300	В	
Plumbing									
H/C Water Piping									
Brass/Copper	50%			2039	* *	1		В	
Galv Iron/Steel	50%			2024	* *	1		В	
Water Heater									
Gas Fired	100%			2018	\$5,100	2	\$300	В	

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of 1 Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sewage Ejector(s)								
Electric	100%			2024	* *	4	\$1,300	В
Fixtures								
Generic	100%							В
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			С
	Other Obse	rvation, Exte	nt : Light, Area	Affected	: 100%			
	Location .	: B-2						
	Explanati	on : 1 Unit						

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

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

BROOKLYN PUBLIC LIBRARY - FY 2013 Print Date : 22-Oct-2012

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 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$173,000	
Interior Architecture		\$194,700
Electrical		\$200,600
Total	\$173,000	\$395,300
Priority A	\$173,000	
Priority B		\$200,600
Priority C		\$194,700
Total	\$173,000	\$395,300

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$57,600			
Interior Architecture	\$69,600		\$300	\$3,300
Electrical	\$16,400	\$500	\$500	\$700
Mechanical	\$12,700	\$2,200	\$3,500	\$1,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$160,300	\$6,700	\$8,300	\$9,700
Priority A	\$57,600			
Priority B	\$60,200	\$6,700	\$7,900	\$6,500
Priority C	\$42,500		\$300	\$3,300
Total	\$160,300	\$6,700	\$8,300	\$9,700



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 # : 4204

chitecture	Current F	Repair	Future	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Coo
erior							
Exterior Walls		¢24.900		* *	F	¢20.000	
Masonry: Brick	90% Now Jnt Mortar Miss/Eroc Location : East Fac Vertical Cracks, Exte Location : At North Water Penetration, E Location : At Stairs	ade, Chimney nt : Moderate, Area west Corner xtent : Moderate, A	a Affected	Affected : 10% d : 5%	5	\$20,900	А
Masonry: Fieldstone	1% 0-2 Jnt Mortar Miss/Eroc Location : Through	-	LIFE rea Affect	* * ted : 10%	5	\$200	А
Masonry: Limestone	8% Now Jnt Mortar Miss/Eroc Location : Through		LIFE e, Area A	* * Affected : 10%	5	\$1,400	А
Window Wall	1%		2043	* *	5	\$900	А
Windows Aluminum	100% Now	\$173,000	2048	* *	5	\$1,800	
	Bent/Warped Elemen Location : Through Deformed/Dented, Ex Location : Through Hardware Missing, E Location : Through	out ktent : Moderate, A out Extent : Moderate, A	rea Affec	eted : 40%			
Parapets							
Cast Stone/Terra Cotta	5%	¢2 (00	LIFE	* *	5-10	\$1,200	A
Masonry: Brick	90% Now Cracking/Crumbling, Location : Through Jnt Mortar Miss/Erod Location : Interior	out 1, Extent : Severe, A	Area Affe	fected : 20%	5	\$800	А
Masonry: Limestone	5% 0-2 Jnt Mortar Miss/Eroc Location : Through		LIFE rea Affect	* * ted : 10%	5	\$100	A
Roof							
Modified Bitumen	100% Now Blisters, Extent : Mod Location : Main Rod Water Penetration, E Location : Children	of		* * cted : 10%			А

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 # : 4204

rchitecture		Current F	Repair	Future Replacement			Maintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Coo
erior								•
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$6,000	С
Ceramic Tile	5%			2032	* *	5	\$1,400	С
Terrazzo	5%			LIFE	* *	5	\$2,100	C
Vinyl Tile	10%			2028	* *	3	\$1,000	C
Vinyl Tile	75%	<i>.</i> . т	· · · · · · ·	2018	\$194,700	3	\$10,300	С
			xtent : Light, Area	Affected	: 100%			
		: Through tion : 9x9 T						
Interior Walls	Ехріана	100 . 929 1	ues					
Gypsum Board	10%			LIFE	* *	5-10	\$4,200	С
Plaster	80%			LIFE	* *	5-10	\$16,600	C
SGFT/Glazed Masonry	10%	Now	\$22,400	LIFE	* *	5 10	\$10,000	C
	Cracking/ Location	Crumbling, : Through	Extent : Light, Are	ea Affecte				C
		: At Stairs						
Ceilings								
AcousTileConcealSpLn	25%	0-2	\$5,300	2036	* *	5	\$4,300	В
	Location	Crumbling, : Through	Extent : Light, Are out		ed : 10%			
Exposed Concrete	10%			LIFE	* *	5-10	\$3,400	В
Gypsum Board	10%			LIFE	* *	5-10	\$9,500	В
Plaster			\$12,900 xtent : Moderate, A Recreational Room		* * cted : 2%	5	\$9,500	В
	Location	. Children	Recreational Root					
	Location				o Poplacomont	М	aintonanco	
lectrical	Location	Current F	Repair	Futur	e Replacement	М	aintenance	
lectrical stem Component Type	Location % of Total	Current F		Futur	e Replacement Estimated Cost	M Cycle (Yrs)	aintenance Estimated Cost	Priorit Coc
stem Component Type der 600 Volts	% of	Current F Fail Date	Repair	Futur Year		Cycle		
stem Component Type der 600 Volts Service Equipment	% of Total	Current F Fail Date	Repair	Futur Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Coo
stem Component Type der 600 Volts	% of Total	Current F Fail Date (Years)	Repair Estimated Cost	Futur Year FY 2023	Estimated Cost \$3,000	Cycle		
stem Component Type der 600 Volts Service Equipment	% of Total 100% Other Obs	Current F Fail Date (Years)	Repair Estimated Cost	Futur Year FY 2023	Estimated Cost \$3,000	Cycle (Yrs)	Estimated Cost	Co
stem Component Type der 600 Volts Service Equipment	% of Total 100% Other Obs Location	Current F Fail Date (Years)	Repair Estimated Cost Extent : Moderate, A Il Room	Futur Year FY 2023 Area Affe	Estimated Cost \$3,000 <i>cted : 100%</i>	Cycle (Yrs)	Estimated Cost	Co
stem Component Type der 600 Volts Service Equipment Fused Disc Sw	% of Total 100% Other Obs Location	Current F Fail Date (Years)	Repair Estimated Cost	Futur Year FY 2023 Area Affe	Estimated Cost \$3,000 <i>cted : 100%</i>	Cycle (Yrs)	Estimated Cost	Co
stem Component Type der 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard	% of Total 100% Other Obs Location Explana	Current F Fail Date (Years)	Repair Estimated Cost Extent : Moderate, A Il Room	Futur Year FY 2023 Area Affe	Estimated Cost \$3,000 cted : 100% Switch	Cycle (Yrs) 5	Estimated Cost \$100	Coo B
stem Component Type der 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs	% of Total 100% Other Obs Location Explana 50%	Current F Fail Date (Years)	Repair Estimated Cost Extent : Moderate, A Il Room	Futur Year FY 2023 Area Affe sconnect 2023	Estimated Cost \$3,000 cted : 100% Switch \$22,100	Cycle (Yrs) 5	Estimated Cost \$100 \$200	Coo B B
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	Current F Fail Date (Years)	Repair Estimated Cost Extent : Moderate, A Il Room	Futur Year FY 2023 Area Affe	Estimated Cost \$3,000 cted : 100% Switch	Cycle (Yrs) 5	Estimated Cost \$100	Coo B
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%	Current F Fail Date (Years)	Repair Estimated Cost Extent : Moderate, A Il Room	Futur Year FY 2023 Area Affe sconnect 2023 2023	Estimated Cost \$3,000 cted : 100% Switch \$22,100 \$22,100	Cycle (Yrs) 5 5 5 5	Estimated Cost \$100 \$200	Coo B B B
stem Component Type der 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% 60%	Current F Fail Date (Years)	Repair Estimated Cost Extent : Moderate, A Il Room	Futur Year FY 2023 Area Affe sconnect 2023 2023 2023	Estimated Cost \$3,000 cted : 100% Switch \$22,100	Cycle (Yrs) 5 5 5 1	Estimated Cost \$100 \$200	Coo B B B B
stem Component Type der 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%	Current F Fail Date (Years)	Repair Estimated Cost Extent : Moderate, A Il Room	Futur Year FY 2023 Area Affe sconnect 2023 2023	Estimated Cost \$3,000 cted : 100% Switch \$22,100 \$22,100 \$14,500	Cycle (Yrs) 5 5 5 5	Estimated Cost \$100 \$200	Coo B B B
stem Component Type der 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%	Current F Fail Date (Years)	Repair Estimated Cost Extent : Moderate, A Il Room	Futur Year FY 2023 Area Affe sconnect 2023 2023 2023 2023 2023 2023	Estimated Cost \$3,000 cted : 100% Switch \$22,100 \$22,100 \$14,500	Cycle (Yrs) 5 5 5 1 1	Estimated Cost \$100 \$200 \$200	Coo B B B B B B B
stem Component Type der 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% 60%	Current F Fail Date (Years)	Repair Estimated Cost Extent : Moderate, A Il Room	Futur Year FY 2023 Area Affe sconnect 2023 2023 2023	Estimated Cost \$3,000 cted : 100% Switch \$22,100 \$22,100 \$14,500 **	Cycle (Yrs) 5 5 5 1	Estimated Cost \$100 \$200	Coo B B B B

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

			ASSET # : 4	204				
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 Cod
Inder 600 Volts								
Wiring								
Braided Cloth	60%		\$15,500	2048	* *	1		В
		-	ent : Moderate, Are	a Affecte	ed : 100%			
	Location	ı : Through	out					
Thermoplastic	30%			2043	* *	1		В
Thermoplastic	10%			2049	* *	1		В
Motor Controllers								
Locally Mounted	10%			2040	* *	5		В
Locally Mounted	90%			2036	* *	5	\$100	В
Ground								
Grounding Devices	1000					_	¢ 7 00	Ð
Generic	100%			LIFE	* *	5	\$500	В
			Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Basemer						
· 1	Explana	tion : Wate	r Main					
ighting								
Interior Lighting Fluorescent	85%			2023	\$91,800	10	\$14,300	В
Thublescent			Extent : Moderate, A			10	\$14,500	D
		ı : Through		n cu rijje				
		-	g T-12 Lamps					
HID	5%			2023	\$3,800	10		В
Incandescent	10%			2023	\$10,800	2		B
Egress Lighting	10/0			2023	\$10,000	-		В
Emergency, Service	50%			2023	\$1,500	1		В
Exit, Service	50%			2023	\$1,500	1		B
Exterior Lighting	0070			2020	<i>\\\\\\\\\\\\\</i>	-		2
HID	100%			2023	\$7,600	10	\$100	В
Alarm					1.7	-		
Security System								
No Component	80%							D
Generic	20%			2023	\$12,600	1	\$1,400	В
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2023	\$64,500	1-3	\$3,500	В
Mechanical		Current	Repair	Futur	e Replacement	М	aintenance	
System	A/ A							D • •
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
Ieating								
Energy Source Natural Gas	100%			2043	* *	1		D
matural Gas	100%			2043		1		В

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

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

Asset # : 4204

Mechanical		Current Repair Future Replacement Maintenance					aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ieating								
Conversion Equipment Hot Water Boiler	Location	oning, Exte 1 : Thermos	\$900 nt : Moderate, Area tat Control System Extent : Light, Area			1	\$8,200	В
		n : Basemer						
N	Explana	tion : One	Unit					
Distribution	100%			2039	* *	4	\$1.400	В
Hot Wtr Piping/Pump Terminal Devices	100%			2039		4	\$1,400	D
Air Handler	40%			2028	* *	1	\$4,600	В
Convector/Radiator	60%			2020	* *	1	\$3,600	B
Air Conditioning	0070			2000		1	\$3,000	D
Energy Source								
Electricity	100%			2039	* *	1		В
Conversion Equipment								
Ext Pkg Unit - Cooling	-	oning, Exte	\$4,800 nt : Moderate, Area stat Control System		* * d : 5%	2	\$900	В
Terminal Devices			2					
Direct Expansion	100%			2028	* *	1		В
ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$16,200	В
Exhaust Fans								
Interior			\$100 lerate, Area Affecte ms	2028 5d : 5%	* *	2		В
Roof	90%			2028	* *	2	\$500	В
lumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		В
Water Heater						_		_
Gas Fired	100%			2021	\$4,800	2	\$300	В
Sanitary Piping	1000/			LIFE	* *	1		D
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		В
Fixtures	100%			LIFE		1		D
Generic	100%							В
Vertical Transport	10070							U
Elevators								
Hydraulic	100% Other Obs Location	servation, E	Extent : Light, Area	LIFE Affected	* * 1: 100%			C
		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: 22-Oct-2012 BROOKLYN PUBLIC LIBRARY - FY 2013

Asset Name	: WILLIAMSBURGH BRANCH LIBR	ARY	
Address	: 240 DIVISION AVE.		
Borough	: BROOKLYN	Agency's Number	: 60
Program / Asset #	: BPL0007.000 / 4201	Yr Built/Renovated	: 1905 / 2003
Area Sq Ft	: 24,118	Project Type	: BROOKLYN PUBLIC LIBRARY
Date of Survey	: 01-Jul-2011	Landmark Status	: EXTERIOR LANDMARK
Areas Surveyed	: Basement, Roof, Floors 1,1m,2		
Block	: 2189 Lot : 1	BIN	: 3060090

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$931,400	\$39,800
Total	\$931,400	\$39,800
Priority A	\$931,400	\$39,800
Total	\$931,400	\$39,800

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$65,800			
Interior Architecture	\$13,600	\$3,900	\$1,200	\$5,300
Electrical	\$1,500	\$2,000	\$1,500	\$22,400
Mechanical	\$2,500	\$2,800	\$3,500	\$14,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$87,200	\$12,600	\$10,200	\$46,200
Priority A	\$65,800			
Priority B	\$13,100	\$9,400	\$9,000	\$40,900
Priority C	\$8,400	\$3,200	\$1,200	\$5,300
Total	\$87,200	\$12,600	\$10,200	\$46,200



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 # : 4201

rchitecture	Current Repair	Future Replacement	Ma	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Cod
terior					
Exterior Walls					
Copper/Terne	5% Now \$72,800	2042 **			А
	Deformed/Dented, Extent : Moderate, A	Area Affected : 25%			
	Location : South Facade				
	Deteriorated Finish, Extent : Moderate	, Area Affected : 25%			
	Location : South Facade				
	Staining/Discoloring, Extent : Moderat	e, Area Affected : 25%			
	Location : South Facade				
Masonry: Brick	85% Now \$377,500	LIFE **	5	\$34,900	А
	Diagonal Cracks, Extent : Moderate, A	rea Affected : 10%			
	Location : Southwest Corner Through	iout			
	Jnt Mortar Miss/Erod, Extent : Modera	tte, Area Affected : 50%			
	Location : Throughout				
	Water Penetration, Extent : Severe, Are	ea Affected : 30%			
	Location : Lunch Room, Second Floo	r Reading Areas, Storage Re	oom In Ba	isement	
Masonry: Limestone	10% Now \$122,800	LIFE **	5	\$3,100	А
	Jnt Mortar Miss/Erod, Extent : Modera	ute, Area Affected : 50%		. ,	
	Location : Cornice, Horizontal Bands	5			
	Water Penetration, Extent : Moderate,	Area Affected : 20%			
	Location : Stairs, Reading Areas				
Windows					
Wood	100% Now \$267,800	2047 **	5	\$39,800	А
	Deteriorated Finish, Extent : Moderate	, Area Affected : 50%			
	Location : Throughout				
	Thermally Inefficient, Extent : Moderat	e, Area Affected : 50%			
	Location : Throughout				
	Split/Cracked, Extent : Moderate, Area	Affected: 25%			
	Location : Throughout				
Parapets					
Masonry: Brick	90% Now \$90,500	LIFE **	5	\$4,200	Α
	Diagonal Cracks, Extent : Moderate, A	rea Affected : 15%			
	Location : At Corners				
	Int Mortar Miss/Erod, Extent : Modera	tte, Area Affected : 50%			
	Location : Throughout				
	Water Penetration, Extent : Severe, Are	ea Affected : 25%			
	Location : Stairs				
Masonry: Limestone	10% Now \$18,000	LIFE **	5	\$600	А
	Jnt Mortar Miss/Erod, Extent : Modera	tte, Area Affected : 50%			
	Location : Coping				
	Water Penetration, Extent : Severe, Are	ea Affected : 25%			
	Location : Second 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 # : 4201

Architecture		Current F	A5501 # . 4		e Replacement	М	aintenance	
System	a/ a							D • •
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior Roof								
Copper/Terne	30%	Now	\$19,200	2037	* *			А
coppet/ rome	Drains Ind Location Gut/DS No	ud/Misposn : Southwe	, Extent : Moderate st Corner ss, Extent : Moder	e, Area A				
Modified Bitumen	Location Water Pen	: Northwe etration, E	xtent : Moderate, A	Area Affe	cted : 20%			A
	Location	: Staff Loi	unge And Children	s Readin	g Room			
nterior								
Floors	E 0/			2021	#0.000	2	#3 100	C
Carpet	5%			2021	\$8,900	3	\$2,100	C
Ceramic Tile	5%			2031	* *	5	\$1,400	C
Vinyl Tile	70%			2027	* *	3	\$7,400	C
Wood Later Wells	20%			2037		5	\$10,600	С
Interior Walls	50/			2021	* *	_	¢1 100	C
Ceramic Tile Plaster	5% 10%	Now	\$8,400	2031 LIFE	* *	5 5	\$1,100 \$600	C C
	Location Storage I Water Pen	: Electrica Room In Ba etration, E	isement Extent : Severe, Are	d Floor a Affecte	Reading Areas And			
Plaster	75%			LIFE	* *	5	\$4,800	С
Wood	10%			LIFE	* *	5	\$8,500	C
Ceilings						-	1 - 7	-
AcousTileSusp.Lay-In	5%			2035	* *	5	\$1,400	В
Plaster	10%	Now	\$5,200	LIFE	* *	5	\$1,800	В
	Location Water Pen	: Electrico etration, E	eents, Extent : Mod al Room And Secon Extent : Moderate, A as Reading Room, S	d Floor Area Affe	Reading Areas acted : 10%			
Plaster	85%			LIFE	* *	5	\$15,000	В
							-	
Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
Under 600 Volts Service Equipment Molded Case Bkrs	Location	: Electrica	Extent : Moderate, 4 11 Room ectrical Service Ra			5	\$500	В

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

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

Asset # : 4201

Electrical	Current Repair	Current Repair Future Replacement			Maintenance		
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod	
Inder 600 Volts							
Switchgear / Switchboard							
Fused Disc Sw	30%	2042	* *	5		В	
Molded Case Bkrs	70%	2022	\$33,500	5	\$400	В	
Raceway							
Conduit	90%	2032	* *	1		В	
Conduit	10%	2042	* *	1		В	
Panelboards							
Molded Case Bkrs	25%	2021	\$6,100	5	\$100	В	
Molded Case Bkrs	50%	2038	* *	5	\$300	В	
Molded Case Bkrs	25%	2030	* *	5	\$100	В	
Wiring							
Thermoplastic	90%	2032	* *	1		В	
Thermoplastic	10%	2042	* *	1		В	
Motor Controllers							
Locally Mounted	100%	2020	\$16,700	5	\$100	В	
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$300	В	
ighting							
Interior Lighting							
Fluorescent	70%	2027	* *	10	\$12,700	В	
	Other Observation, Extent : M	Moderate, Area Affec	rted : 100%				
	Location : Throughout						
	Explanation : T-8 Lamps						
Fluorescent	10%	2027	* *	10	\$1,800	В	
	Other Observation, Extent : M	Moderate, Area Affec	rted : 100%				
	Location : Basement						
	Explanation : Compact Flue	orescent Light Fixtu	res				
Fluorescent	20%	2027	* *	10	\$3,600	В	
	Other Observation, Extent : M	Moderate, Area Affec	rted : 100%				
	Location : Classrooms						
	Explanation : T-5 Lamps						
Egress Lighting							
Emergency, Battery	50%	2027	* *	10	\$2,400	В	
Exit, Service	50%	2027	* *	1		В	
Exterior Lighting							
HID	100%	2022	\$8,800	10	\$100	В	
Alarm							
Security System							
No Component	50%					D	
Generic	50%	2027	* *	1	\$3,700	В	
	Other Observation, Extent : M Location : Hallways	Moderate, Area Affec	eted : 100%				
	Explanation : CCTV Survei	llance Camera Susta	m And Intrusion	larm Su	stam		

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

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

Asset # : 4201

		ASSEL # . 4	201				
Electrical		Current Repair Future Replacement Maintenance					
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm Fire/Smoke Detection Generic	Location	servation, Extent : Moderate, A 1 : Throughout The Building			1-3	\$12,200	В
	Explana	tion : Strobe Lights, Manual F	ull Stati	on, Smoke Detecto	rs		
Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							•
Energy Source Natural Gas	100%		2032	* *	1		В
Conversion Equipment Hot Water Boiler	Location	servation, Extent : Light, Area 1 : Boiler Room	2027 Affected	* * ! : 100%	1	\$9,800	В
<u></u>	Explana	tion : 1 Boiler					
Distribution	1000/		2020	* *	4	¢1 500	р
Hot Wtr Piping/Pump Terminal Devices Convector/Radiator	100%		2030 2027	* *	4	\$1,500 \$6,400	B
Air Conditioning	100%		2027		1	φ 0 ,400	D
Energy Source							
Electricity	100%		2030	* *	1		В
Conversion Equipment							
Reciprocating Compr/Chiller	25%		2027	* *	1	\$2,300	В
Ext Pkg Unit - Cooling	75%		2027	* *	2	\$900	В
Terminal Devices Direct Expansion No Component	25% 75%		2022	\$18,700	1		B D
Heat Rejection							_
Air Condenser Unit No Component	25% 75%		2027	* *	2	\$3,400	B D
Ventilation	10/10						D
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,000	В
Exhaust Fans				<i>* • • • •</i>	~	* = ~ -	
Interior	50%		2022	\$13,300 * *	2	\$300	B
Roof	50%		2027	т т	2	\$300	В
Plumbing H/C Water Piping							
Brass/Copper	100%		2032	* *	1		В
Water Heater	10070				-		
Gas Fired	100%		2020	\$5,600	2	\$300	В
Sanitary Piping				* *			р
Cast Iron	100%		LIFE	<u>ጥ</u> ጥ	1		В

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

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

Asset # : 4201

Mechanical	Current Rep	oair Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Sump Pump(s)						
Rigid Piping	100%	2017	\$11,100	4	\$1,300	В
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			С
-	Other Observation, Exte	ent : Light, Area Affected	: 100%			
	Location : B, E, 1, 2					
	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.

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

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