Print Date : 09-Sep-2014 NEW YORK PUBLIC LIBRARY - FY 2015

Asset Name	: ANDREW HEISKELL BRAILLE & 1	: ANDREW HEISKELL BRAILLE & TALKING BOOK LIBRARY											
Address	40 WEST 20TH ST. @6TH AVENUE												
Borough	: MANHATTAN	Agency's Number	: N/A										
Program / Asset #	: NPL0011.000 / 4225	Yr Built/Renovated	: 1910 / 2003										
Area Sq Ft	: 50,838	Project Type	: NEW YORK PUBLIC LIBRARY										
Date of Survey	: 23-May-2014	Landmark Status	: NONE										
Areas Surveyed	: Floors 1,3,5												
Block	: 821 Lot : 7501	BIN	: 1076145										

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Interior Architecture	\$125,300	\$85,400
Electrical		\$37,300
Mechanical		\$726,100
Total	\$125,300	\$848,900
Priority B	\$38,400	\$801,500
Priority C	\$86,900	\$47,400
Total	\$125,300	\$848,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Interior Architecture	\$180,200		\$17,200	\$20,900
Electrical	\$2,500	\$1,400	\$1,500	\$1,300
Mechanical	\$43,700	\$9,400	\$12,800	\$8,200
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$238,300	\$22,700	\$43,400	\$42,300
Priority B	\$75,300	\$22,700	\$26.200	\$21,400
	$_{\psi 13,300}$	$\psi_{22}, 100$	Ψ20,200	$\psi_{21,+00}$
Priority C	\$163,000	\$22,700	\$17,200	\$20,900



 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.

NEW YORK PUBLIC LIBRARY - 035 ANDREW HEISKELL BRAILLE & TALKING BOOK LIBRARY

Asset # : 4225

rchitecture		Current F	Repair	Futur	e Replacement	Μ	aintenance		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod	
erior									
Floors									
Carpet	55%	0-2	\$102,700	2024	\$513,700	3	\$62,800	С	
		-	amage, Extent : Se	vere, Are	ea Affected : 20%				
	Location	: Through	out						
Cast in Place Concrete	15%	Now	\$34,200	LIFE	* *	5	\$25,000	С	
	Cracking/	Crumbling,	Extent : Severe, A	rea Affec	eted : 30%				
	Location	: Through	out						
	Water Pen	etration, E	xtent : Severe, Are	a Affecte	d : 30%				
	Location	: Through	out						
Terrazzo	5%	0-2	\$8,500	LIFE	* *	5	\$3,000	С	
	Cracking/	Crumbling,	Extent : Light, Ar		ed : 5%	-	1 - 7	-	
	-	: Through	-	00					
Vinyl Tile	1%			2030	* *	3	\$300	С	
Wood	24%			2028	* *	5	\$34,200	С	
Interior Walls									
Concrete Masonry Unit	15%			LIFE	* *	5	\$13,900	С	
Gypsum Board	68%			LIFE	* *	5-10	\$134,200	С	
Marble Panels	2%			LIFE	* *	10	\$900	С	
Plaster	15%			LIFE	* *	5-10	\$14,800	С	
Ceilings									
Exposed Concrete	15%			LIFE	* *	5-10	\$14,300	В	
Metal Panel	5%			LIFE	* *	5	\$9,500	В	
Plaster	80%	0-2	\$38,400	LIFE	* *	5	\$38,000	В	
	Loose/Del	am Surface	e, Extent : Severe, A	Area Affe	cted : 5%				

Location : Over Stacks, 2nd Floor Public Area

Electrical	Current Repair	Future	Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year H FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2045	* *	5	\$200	В
	Other Observation, Extent	Moderate, Area Affect	ed : 100%			
	Location : Electrical Roo	m				
	Explanation : 1- 3000 Am	ps Main Disconnect Sw	vitch			
Switchgear / Switchboard						
Fused Disc Sw	100%	2045	* *	5	\$200	В
Raceway						
Conduit	50%	2035	* *	1		В
Conduit	50%	2045	* *	1		В
Panelboards						
Fused Disc Sw	10%	2033	* *	5	\$100	В
Molded Case Bkrs	70%	2041	* *	5	\$900	В
Molded Case Bkrs	20%	2033	* *	5	\$300	В

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.

NEW YORK PUBLIC LIBRARY - 035 ANDREW HEISKELL BRAILLE & TALKING BOOK LIBRARY

Asset # : 4225

		Asset # : 4/	223				
Electrical	Cu	rrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Wiring							
Thermoplastic	50%		2045	* *	1		В
Thermoplastic	50%		2035	* *	1		В
Motor Controllers							
Locally Mounted	60%		2030	* *	5	\$200	В
Locally Mounted	40%		2042	* *	5	\$100	В
Ground							
Grounding Devices	1000/		LICE	* *	F	¢1.500	л
Generic	100%		LIFE		5	\$1,500	В
Lighting Interior Lighting							
Fluorescent	80%		2030	* *	10	\$37,300	В
Thoreseent		tent : Moderate, Area Affe		00%	10	\$57,500	D
	-	hroughout The Building		,0,0			
Fluorescent	20%		2035	* *	10	\$9,300	В
Thorescent		tent : Moderate, Area Affe			10	\$9,300	D
	-	nroughout The Building		5070			
Egress Lighting	200000011						
Exit, Service	50%		2033	* *	1		В
Exit, Battery	50%		2033	* *	10	\$1,700	B
Exterior Lighting	0070		2000		10	<i><i>q</i>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i>	2
HID	100%		2030	* *	10	\$200	В
Alarm							
Security System							
No Component	30%						D
Generic	70%		2033	* *	1	\$13,300	В
Fire/Smoke Detection							
Generic, Digital	100%		2030	* *			В
Mechanical	Cu	rrent Repair	Futur	e Replacement	M	aintenance	
System Component		Date Estimated Cost		Estimated Cost		Estimated Cost	-
Туре	Total (Y	ears)	FY		(Yrs)		Code
Heating							
Energy Source							
Natural Gas	100%		2045	* *	1		В
Conversion Equipment							
Hot Water Boiler	100%		2038	* *	1	\$25,100	В
		tion, Extent : Light, Area	Affected	: 100%			
		asement Boiler Room					
	Explanation .	: 5 Small Units					
Distribution	1000		0000			** • • • •	F
Hot Wtr Piping/Pump	100%		2033	* *	4	\$3,800	В
Terminal Devices	F 00/		0007	#121 000		44 - - - - - - - - - -	F
Air Handler	50%		2025	\$131,800	1	\$15,700	B
Convector/Radiator	45%		2030	* *	1	\$7,400	B
Fan Coil Unit/Heat	5%		2025	\$36,600	1	\$800	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.

NEW YORK PUBLIC LIBRARY - 035 ANDREW HEISKELL BRAILLE & TALKING BOOK LIBRARY

Asset # : 4225

			ASSet # : 4/					
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 Cod
Air Conditioning								
Energy Source								_
Electricity	100%			2041	* *	1		В
Conversion Equipment	80%	Now	¢10,100	2022	\$502 700	2	¢2,000	В
Int Pkg Unit - Cooling			\$10,100 evere, Area Affected	2023 1 · 1%	\$503,700	2	\$2,000	D
	0		Control Cylinder,		t Fan Room			
Int Pkg Unit - Cooling	20%	- Dumper		2029	* *	2	\$600	В
Ventilation	2070			2029		2	φ000	D
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$44,900	В
Exhaust Fans							-	
Interior	100%	Now	\$2,700	2025	\$54,000	2	\$1,200	В
			t : Severe, Area Aff					
	Location	ı : 1st Floo	r Toilets Lack Adeq	uate Vet	ilation			
lumbing								
H/C Water Piping	1000/			2025	* *	4		Б
Brass/Copper	100%			2035	* *	1		В
Water Heater Not Accessible	100%							D
Sanitary Piping	100%							D
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)	100/0			22		-		2
Submersible	100%			2016	\$6,400	4	\$2,500	В
Backflow Preventer								
Generic	100%			2030	* *	1	\$3,100	В
Fixtures								
Generic	100%							В
			tent : Severe, Area	Affectea	! : 100%			
	Location	1 : Through	out					
Vertical Transport								
Elevators Geared Traction	60%			LIFE	* *			С
Geared Traction		ervation F	Extent : Light, Area		: 60%			C
	Location		21811, 11 00	11,550000				
	Explana	tion : 1 Uni	t					
Hydraulic	40%			LIFE	* *			С
2	Other Obs	ervation, E	Extent : Light, Area		: 40%			
	Location	n : C-2						
	Explana	tion : 1 Uni	it					
ire Suppression								
Standpipe	100-			a o : -			***	
Generic	100%			2045	* *	1-5	\$25,600	В
Sprinkler	1000/			2025	* *	1.0	¢14.000	р
Generic Fire Demon	100%			2035	~ ~	1-2	\$14,200	В
Fire Pump	1000/							р
Not Accessible	100%							D

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

NEW YORK PUBLIC LIBRARY - FY 2015 Print Date: 09-Sep-2014

Asset Name	: BELMONT/ENRICO FERMI BRANC	: BELMONT/ENRICO FERMI BRANCH LIBRARY											
Address	610 EAST 186TH ST. @HUGHES AVE.												
Borough	: BRONX	Agency's Number : N/A											
Program / Asset #	: NPL0005.000 / 4219	Yr Built/Renovated	: 1981 / 2000										
Area Sq Ft	: 21,267	Project Type	: NEW YORK PUBLIC LIBRARY										
Date of Survey	: 30-Jul-2012	Landmark Status	: NONE										
Areas Surveyed	: Roof, Floors 1,2												
Block	: 3073 Lot : 20	BIN	: 2012129										

\$407,400 \$533,900
\$407,400
\$46,100
\$80,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$31,000		\$1,300	
Interior Architecture	\$104,900	\$5,800		\$28,300
Electrical	\$1,600	\$700	\$21,300	\$600
Mechanical	\$2,400	\$5,200	\$11,100	\$5,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$143,900	\$15,700	\$37,600	\$38,500
Priority A	\$31,000		\$1,300	
Priority B	\$60,200	\$9,900	\$36,300	\$10,200
Priority C	\$52,700	\$5,800		\$28,300
Total	\$143,900	\$15,700	\$37,600	\$38,500



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

Asset # : 4219

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
xterior								
Exterior Walls	150/			LIDE	* *	5	¢4 100	٨
Concrete Masonry Unit Metal Panel	15% 10%	0-2	\$1,500	LIFE 2043	* *	5 5	\$4,100 \$8,300	A A
Wietar Faller			xtent : Light, Area		: 5%	5	ψ0,500	11
		0	out Bulkhead	55				
	Deformed	Dented, Ex	ctent : Moderate, A	rea Affec	cted : 10%			
	Location	: Through	out Bulkhead					
Granite Panels	75%			LIFE	* *	5	\$24,800	Α
Parapets						_		
Concrete Masonry Unit	85%			LIFE	* *	5	\$5,500	A
Metal: Cage/Fence	5%	0.2	\$2.000	2028 LIFE	* * *	5-10	\$2,200 \$2,600	A
Pre-Cast Concrete	10% Int Morta	0-2 r Miss/Frod	\$2,000 l, Extent : Moderat			5	\$3,600	А
			out Coping	e, 11/eu 1	<i>IJJeelea</i> . 1070			
Roof		0	10					
Single Ply Membrane	80%	Now	\$27,500	2028	* *			А
	Blisters, E	xtent : Mod	lerate, Area Affecte	ed : 10%				
		-	arapet Walls					
			ent : Light, Area Af		2%			
			Floor Next To Eleve		(. 1 . 100/			
	-		tent : Moderate, Ar out Main Roof	еа Ајјес	tea : 10%			
		-	derate, Area Affect	ted : 5%				
	-		Floor Next To Eleve					
Skylight, Metal/Glass	20%	Now	\$150,900	2043	* *			А
			xtent : Light, Area		: 20%			
			nels Top Of Skylig					
			xtent : Moderate, A	rea Affe	cted : 5%			
	Location	: Over Sec	ond Floor					
nterior								
Floors Carpet	75%	4+	\$30,200	2022	\$603,800	3	\$73,800	С
Carper			Extent : Light, Are			5	\$75,800	C
	-	-	l Second Floor	5001299000				
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 10%			
	Location	: First Flo	or					
Ceramic Tile	5%			2032	* *	5	\$3,300	С
Panel/Paver: Cer/Brk	5%			2039	* *	5	\$7,400	С
			: Light, Area Affec	eted : 10%	%			
	Location	: Atrium A	rea					
Vinyl Tile	15%			2023	\$80,400	3	\$3,700	С

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.

Asset # : 4219

rchitecture		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	Priority Code
terior								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	\$5,900	С
Concrete Masonry Unit	70%			LIFE	* *	5	\$33,000	С
Folding Partition	5%	Now	\$22,500	2031	* *	5	\$7,400	С
	-		nt : Light, Area Afj r, Adjacent To Ele					
Gypsum Board	15%			LIFE	* *	5	\$10,600	С
Metal Panel	5%			LIFE	* *			С
Ceilings	200/	4.	¢ 2 0, 100	2026	* *	F	¢0.100	р
AcousTileConcealSpLn	20%	4+	\$20,100	2036		5	\$8,100	В
		ssing Elem : Auditorii	ents, Extent : Mode um	erate, Ar	ea Affectea : 10%			
		Crumbling, : Auditorii	Extent : Light, Are um	ea Affecte	ed : 5%			
		oiscoloring, : Through	Extent : Light, Are out	ea Affect	ed : 15%			
Exposed Concrete		etration, E	\$32,100 xtent : Moderate, A Floor Children Are	00	* * cted : 5%	5	\$8,100	В

lectrical	Current Repair	Future	e Replacement	M	aintenance	
rstem Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
der 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2023	\$3,100	5	\$600	В
	Other Observation, Extent :	Moderate, Area Affe	cted : 100%			
	Location : Electrical Room	First Floor				
	Explanation : One 1000 Ar	nps				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2023	\$46,100	5	\$600	В
Raceway						
Conduit	90%	2023	\$22,600	1		В
Conduit	10%	2033	* *	1		В
Panelboards						
Fused Disc Sw	10%	2022	\$2,300	5		В
Molded Case Bkrs	60%	2022	\$14,000	5	\$300	В
Molded Case Bkrs	30%	2031	* *	5	\$200	В
Wiring						
Thermoplastic	50%	2033	* *	1		В
Thermoplastic	50%	2023	\$13,500	1		В
Motor Controllers						
Locally Mounted	80%	2021	\$12,800	5	\$100	В
Locally Mounted	20%	2028	* *	5		В

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 # : 4219

		Asset # : 4	219				
Electrical	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 Cod
round							
Grounding Devices Generic	100% 2-4 Other Observation, Location : Water l Explanation : Cort	Main	LIFE Area Affe	* * ccted : 100%	5	\$300	В
ighting							
Interior Lighting Fluorescent	60% Other Observation, Location : Throug Explanation : T-8	hout	2028 Area Affe	* * ccted : 100%	10	\$11,700	В
Fluorescent	40%	1	2031	* *	10	\$7,800	В
	Other Observation, Location : Throug Explanation : T-5	hout	Area Affe	ected : 100%			
Egress Lighting							_
Emergency, Service	40%		2028	* *	1		В
Emergency, Service	10%		2031	* * *	1		B
Exit, Service	20%		2028		1		B
Exit, Service	30%		2018	\$900	1		В
Exterior Lighting HID	100%		2018	\$7,500	10	\$100	В
larm							
Security System							
No Component	30%						D
Generic	70%		2031	* *	1	\$5,600	В
Fire/Smoke Detection Under Construction	100%						D
lechanical	Current	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Coo
eating							
Energy Source Natural Gas	100%		2033	* *	1		В
Conversion Equipment Hot Water Boiler	100% Other Observation, Location : 2nd Flo Explanation : One	oor Mechanical Roo		* *	1	\$10,500	В
Distribution Hot Wtr Piping/Pump	100%		2031	* *	4	\$1,000	В
Terminal Devices	10070		2001			φ1,000	D
Air Handler	80%		2018	\$88,200	1	\$10,500	В
Convector/Radiator	20%		2028	* *	1	\$1,400	В
ir Conditioning			-			. , - •	

Air Conditioning

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

Asset # : 4219

Mechanical	Curre	ent Repair	Futur	e Replacement	М	aintenance	
System Component Type		ate Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		В
Conversion Equipment							
Int Pkg Unit - Heating/Cooling	100% 0-2	\$122,200	2024	\$407,400	2	\$1,000	В
6 6	R-22 Refrigerant,	Extent : Light, Area A	ffected :	100%			
	Location : Ac U	nits 2nd Floor Mechar	nical Rod	om			
	Other Observatio	n, Extent : Severe, Are	a Affecte	ed : 100%			
	Location : 2nd	Floor Boiler Room					
	Explanation : C	bsolete					
Heat Rejection							
Air Condenser Unit	100%		2031	* *	2	\$14,800	В
/entilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,900	В
Exhaust Fans							
Interior	30%		2018	\$6,800	2	\$200	В
Roof	70%		2028	* *	2	\$500	В
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%		2028	* *	1		В
Water Heater							
Gas Fired	100%		2022	\$4,800	2	\$300	В
Sanitary Piping	1000						-
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping	1000/			ate ate			P
Cast Iron	100%		LIFE	* *	1		В
Fixtures	100-1						-
Generic	100%						В
Vertical Transport							
Elevators	1000/		LIPP	* *			C
Hydraulic	100%	n Future C t	LIFE				С
		n, Extent : Severe, Are	a Affecte	a : 100%			
	Location : 1-3 I						
	Explanation : 1	Unit					

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

NEW YORK PUBLIC LIBRARY - FY 2015 Print Date: 09-Sep-2014

Asset Name	: BLOOMINGDALE BRANCH LIBRARY							
Address	: 150 WEST 100TH ST. @ AMSTERDA	M AVE.						
Borough	: MANHATTAN	Agency's Number	: N/A					
Program / Asset #	: NPL0006.000 / 4220	Yr Built/Renovated	: 1964 / 2003					
Area Sq Ft	: 20,986	Project Type	: NEW YORK PUBLIC LIBRARY					
Date of Survey	: 27-Jul-2012	Landmark Status	: NONE					
Areas Surveyed	: Basement, Roof, Floors 1,2							
Block	: 1852 Lot : 49	BIN	: 1055906					

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture		\$84,700
Interior Architecture		\$51,400
Electrical	\$42,000	\$52,500
Mechanical		\$344,100
Total	\$42,000	\$532,600
Priority A		\$84,700
Priority B	\$42,000	\$396,600
Priority C		\$51,400
Total	\$42,000	\$532,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$35,600			
Interior Architecture	\$9,100	\$800	\$7,900	\$81,000
Electrical	\$800	\$900	\$26,800	\$700
Mechanical	\$2,800	\$3,700	\$11,200	\$3,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$52,200	\$9,300	\$49,800	\$88,800
Priority A	\$35,600			
Priority B	\$11,500	\$8,500	\$46,600	\$7,800
Priority C	\$5,100	\$800	\$3,100	\$81,000
Total	\$52,200	\$9,300	\$49,800	\$88,800



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.

Asset # : 4220

Architecture		Current Repa	ir	Futur	e Replacement	M	aintenance	
ystem Component Type		Tail Date Est (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
xterior								
Exterior Walls	50/				* *	-	¢ < 100	
Glazed Ceramic Panel	5%			LIFE	* *	5	\$6,400	A
Masonry: Brick	Location : Other Obser Location :	Throughout rvation, Exten Throughout	t : Light, Area	ı Affected	Affected : 25%	5	\$26,100	A
	Explanatio	n : In Contra	ct For Repoin	ting				
Windows Aluminum	Location : Other Obser Location :	2nd Floor O <u>f</u> rvation, Exten Throughout	t : Light, Area	ı Affected		5	\$2,600	А
D	Explanatio	n : In Contra	ect For Replac	ement				
Parapets Masonry: Brick		0-2 Miss/Erod, Ex Throughout I		LIFE te, Area A	* * Affected : 15%	5	\$2,700	А
Pre-Cast Concrete	10%			LIFE	* *	5	\$1,900	А
Roof Copper/Terne		Now tration Exten	\$1,500 t : Moderate, 1	2038 Area Affe	* * cted · 20%			A
		Over Emerge		irea rijje	cica : 2070			
Roll Roofing	95% Blisters, Ext	Now	\$8,500 rea Affected :	2022 15%	\$84,700	5	\$17,800	А
erior								
Floors	2004			2024	477 100	2	\$6.400	G
Carpet	-	ace Evident, 1 1st Floor, 20	Extent : Light, 911	2024 Area Affe	\$77,100 ected : 100%	3	\$9,400	C
Carpet	20%			2019	\$77,100	3	\$12,600	С
Cast in Place Concrete	5%			LIFE	* *	5	\$3,400	С
Ceramic Tile	5%			2026	* *	5	\$1,600	С
Terrazzo	10%			LIFE	* *	5	\$2,500	С
Vinyl Tile	-	ace Evident, 1 1st Floor, 20	Extent : Light,)11	2031 Area Affe	* * ected : 100%	3	\$3,100	C
Vinyl Tile	20%			2023	\$51,400	3	\$2,400	С
Interior Walls								
Ceramic Tile	5%			2026	* *	5	\$900	С
Gypsum Board	35%			LIFE	* *	5	\$3,600	С
Plaster	50%			LIFE	* *	5	\$2,600	С
SGFT/Glazed Masonry	10%			LIFE	* *			С

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 # : 4220

			ASSEL # . 4					
Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
nterior								
Ceilings								
AcousTileConcealSpLn	20%			2028	* *	5	\$7,900	В
AcousTileSusp.Lay-In	5%			2028	* *	5	\$1,600	В
Exposed Concrete	60%			LIFE	* *	5	\$2,900	В
Plaster	10%		\$4,000	LIFE	* *	5	\$2,000	В
	-	-	Extent : Severe, A	rea Affec	rted : 10%			
			ergency Stairwell	A (C	. 50/			
		-	: Moderate, Area . ergency Stairwell	Affectea	: 5%			
Wood	5%		ergency stattwett	LIFE	* *	5	\$12,700	В
wood	5%			LIFE	• •	3	\$13,700	В
Electrical		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 Cod
Under 600 Volts	•							
Raceway								
Conduit	50%			2033	* *	1		В
Conduit	50%			2023	\$12,500	1		В
Panelboards						_		_
Molded Case Bkrs	50%			2022	\$11,600	5	\$300	В
Molded Case Bkrs	50%			2022	\$11,600	5	\$300	В
Wiring	200/			2022	¢0.100	1		р
Thermoplastic Thermoplastic	30% 70%			2023 2033	\$8,100 * *	1		B B
Motor Controllers	70%			2033		1		D
Locally Mounted	100%			2021	\$16,000	5	\$100	В
bround	10070			2021	\$10,000	5	φ100	D
Grounding Devices								
Not Accessible	100%							D
ighting								
Interior Lighting								
Fluorescent	50%			2023	\$52,500	10	\$9,600	В
	Other Obs	servation, E	xtent : Moderate, A	Area Affe	cted : 100%			
	Location	ı : Through	out					
	Explana	tion : Using	g T-12 Lamps					
Fluorescent	40%			2018	\$42,000	10	\$7,700	В
			Extent : Moderate, A	Area Affe	cted : 100%			
		1 : Through						
	Explana	tion : Using	g T-12 Lamps					
HID	5%			2018	\$3,700	10		В
Incandescent	5%			2018	\$5,300	2		В
Egress Lighting								
Emergency, Service	30%			2023	\$900	1		В
Exit, Service	70%			2018	\$2,100	1		В
Exterior 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 # : 4220

			Asset # : 4/	220				
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
larm								
Security System								_
No Component	70%			2022	¢10.200	1	¢ 2 400	D
Generic Fire/Smoke Detection	30%			2023	\$18,300	1	\$2,400	В
No Component	70%							D
Generic	30%			2028	* *	1-3	\$4,000	B
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 Cod
leating								
Energy Source	1000/			20.42	* *	1		л
Campus Steam	100% Other Ob		Extent : Severe, Are	2043 a Affecte		1		В
		n : Basemer		ungeene	<i>a</i> . 10070			
	Explana	tion : Heat	Supplied From Adj	ioining E	Iealth Building			
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	\$20,800	В
			Extent : Severe, Are	a Affecte	ed : 100%			
		n : Basemer tion : One	u Boiler Located In A	diacont	Health Building			
Distribution	Елриана	uion . One .	Doner Locaica In A	щисет	IIeann Danaing			
Steam Piping/Pump	100%			2033	* *	4	\$1,600	В
Terminal Devices								
Convector/Radiator	100%			2021	\$190,600	1	\$6,800	В
ir Conditioning								
Energy Source	100%			2039	* *	1		В
Electricity Conversion Equipment	100%			2039		1		D
Ext Pkg Unit - Cooling	100%			2023	\$93,200	2	\$1,300	В
6 6			tent : Light, Area A				, ,	
	Location	n : Roof						
Distribution	1000					•	*27 2 00	P
Ductwork/Diffusers	100%			LIFE	* *	2	\$27,300	В
entilation Distribution								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,700	В
Exhaust Fans	10070						<i>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i>	-
Roof	100%			2023	\$16,000	2	\$600	В
lumbing								
H/C Water Piping					±			_
Brass/Copper	100%			2023	\$60,300	1		В
Sanitary Piping	100%			LIEE	* *	1		В
Cast Iron Storm Drain Piping	100%			LIFE	-11- -1-	1		В
Cast Iron	100%			LIFE	* *	1		В
	100/0					1		Ъ

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 # : 4220

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	st Cycle Estimated Cost (Yrs)	Priority Code
Plumbing				
Fixtures				
Generic	100%			В
Vertical Transport				
Elevators				
Hydraulic	100%	LIFE *	*	С
-	Other Observation, Extent : Light, Arec	a Affected : 100%		
	Location : B- 2nd Floor			
	Explanation : One Unit			

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

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

Print Date : 09-Sep-2014 NEW YORK PUBLIC LIBRARY - FY 2015

Asset Name Address	: BRONX LIBRARY CENTER REFERENCE CENTER : 310 EAST KINGSBRIDGE ROAD @ BRIGGS AVE								
Borough	: BRONX	Agency's Number	: N/A						
Program / Asset #	: NPL0017.000 / 13852	Yr Built/Renovated	: 2006 /						
Area Sq Ft	: 74,476	Project Type	: NEW YORK PUBLIC LIBRARY						
Date of Survey	: 23-Jul-2013	Landmark Status	: NONE						
Areas Surveyed	: Basement, Roof, Floors 1,2,3,4m,4,5								
Block	: 3154 Lot : 83	BIN	: 2827656						

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture		\$122,700
Interior Architecture		\$113,100
Electrical	\$68,300	
Total	\$68,300	\$235,800
Priority A		\$122,700
Priority B	\$68,300	
Priority C		\$113,100
Total	\$68,300	\$235,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$31,300			
Interior Architecture	\$47,400	\$37,600		\$16,700
Electrical	\$12,100	\$16,100	\$14,200	\$12,600
Mechanical	\$24,100	\$31,600	\$29,200	\$30,000
Elevators/Escalators	\$17,800	\$17,800	\$17,800	\$17,800
Total	\$132,700	\$103,100	\$61,200	\$77,100
Priority A	\$31,300			
Priority B	\$84,600	\$65,400	\$61,200	\$60,400
Priority C	\$16,700	\$37,600		\$16,700
Total	\$132,700	\$103,100	\$61,200	\$77,100



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

Asset # : 13852

rchitecture		Current F	kepair	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
terior								
Exterior Walls								
Concrete Masonry Unit	43%			LIFE	* *	5	\$23,200	А
Concrete Masonry Unit	5%	Now	\$17,100	LIFE	* *	5	\$2,700	А
	Diagonal	Cracks, Ext	tent : Moderate, Ar	ea Affec	ted : 10%			
	Location	ı : West Fac	cade At Base					
	Jnt Morta	r Miss/Eroc	l, Extent : Moderat	e, Area I	Affected : 10%			
	Location	ı : West Fac	cade At Base					
Metal Panel	5%			2050	* *	5-10	\$29,700	А
Metal Sect. OHD	2%			2041	* *	5	\$5,400	A
Granite Panels	20%			LIFE	* *	5	\$12,900	A
Window Wall	25%			2050	* *	5	\$80,900	A
Windows						-	+ • • • • • •	
Aluminum	100%			2046	* *	5	\$5,000	А
Parapets						-	+0,000	
Concrete Masonry Unit	35%			LIFE	* *	5	\$3,200	А
Metal/Glass Curt Wall	10%			2050	* *	5	\$3,100	A
Metal Panel	5%			2050	* *	5	\$1,600	A
Metal Rail	5%			2030	* *	5-10	\$7,200	A
Metal: Cage/Fence	10%			2041	* *	5-10	\$6,200	A
Stucco Cement	35%			2041	* *	5	\$7,200	A
Roof	5570			2011		5	\$7,200	11
Metal Panel	60%			2041	* *	10	\$41,800	А
Modified Bitumen	30%			2032	* *	10	\$11,400	A
Skylight, Metal/Glass	10%			2052	* *	10	\$12,700	A
terior	1070			2050		10	\$12,700	11
Floors								
Carpet	30%			2025	\$410,500	3	\$66,900	С
Cast in Place Concrete	15%			LIFE	**	5	\$36,600	C
Ceramic Tile	5%			2037	* *	5	\$5,600	C
Sheet Vinyl/Rubber	40%			2032	* *	5	\$66,900	C
Terrazzo	10%			LIFE	* *	5	\$8,700	C
Interior Walls	1070			En E		5	\$0,700	C
Ceramic Tile	3%			2037	* *	5	\$2,800	С
Glass: Single Pane	5%			LIFE	* *	5	\$3,500	C
Gass. Single Falle Gypsum Board	70%			LIFE	* *	5	\$39,200	C C
Metal Panel	10%			LIFE	* *	5	ψ39,200	C C
Granite Panels	2%			LIFE	* *			C C
Wood	10%			LIFE	* *	5	\$37,300	C
	10%			LILE		5	ψ57,500	C
Ceilings AcousTileSusp.Lay-In	55%			2041	* *	5	\$61,300	В
1 2	5% 5%			LIFE	* *	5	φ01,300	Б В
Exposed Struc: Steel	5% 20%			LIFE	* *	5	¢27 000	B
Gypsum Board					* *	5	\$27,900	
Plywood/Hardboard	20%			2050	* *	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.

Asset # : 13852

Electrical	Cur	rent Repair	Futur	e Replacement	Μ	aintenance	
bystem Component Type		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2044	* *	5	\$300	В
		ion, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Ele	ctrical Room					
	Explanation :	Main Service Switch Ra	ted @ 40	000 Amperes			
Transformers							
Dry Type	100%		2037	* *	5	\$300	В
		ion, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Ele						
	Explanation :	45 Kva, 208/120v					
Switchgear / Switchboard							
Fused Disc Sw	100%		2044	* *	5	\$300	В
Raceway							_
Conduit	100%		2044	* *	1		В
Panelboards					_		_
Fused Disc Sw	10%		2040	* *	5	\$200	В
Molded Case Bkrs	90%		2040	* *	5	\$1,800	В
Wiring							_
Thermoplastic	100%		2044	* *	1		В
Motor Controllers							
Locally Mounted	100%		2037	* *	5	\$500	В
round							
Grounding Devices	1000			de de	_	\$1.100	P
Generic	100%		LIFE	* *	5	\$1,100	В
and-by Power							
Transfer Switches	1000/		2027	* *	1	\$22 000	р
Automatic	100%		2037	* *	1	\$22,900	В
Generators	1000/		2022	* *	1	¢ 2 0.000	ъ
Diesel	100%	Madamata	2033		1	\$28,800	В
	Location : Ele	ion, Extent : Moderate, A	Area Ађе	ectea : 100%			
				560 V			
Detterior	Explanation :	Emergency Generator H	atea @ .	509 Kva			
Batteries Lead/Acid	100%		2018	\$700	5	\$2,800	В
	100%		2018	\$700	5	\$2,800	D
Fuel Storage Main Tank	100%		2052	* *	5	\$2.200	В
		ion, Extent : Moderate, A			3	\$2,200	D
	Location : Ba		neu Ajje	<i>cica</i> . 100/0			
		250 Gallons Capacity					
	ълрининоп.	250 Guions Cupucity					

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 # : 13852

	Asset # : 1	3852		
Electrical	Current Repair	Future Replacement	Maintenance	
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Cod
ghting				
Interior Lighting				
Fluorescent	70%	2029 **	10 \$47,800	В
	T-8 Lamps, Extent : Moderate, Area A			
	Location : Throughout The Building			
Fluorescent	30%	2029 **	10 \$20,500	В
	Other Observation, Extent : Moderate			
	Location : Throughout The Building			
Egrace Lighting	Explanation : Compact Fluorescent	Lamps		
Egress Lighting Emergency, Service	50%	2029 **	1	В
Exit, LED	50%	2029		B
Exterior Lighting	50%	2032	1	D
HID	50%	2029 **	10 \$100	В
Incandescent	50%	2029 **		B
ightning Protection			- +100	2
Arresters/Cabling				
Generic	100%	2052 **	5 \$2,200	В
larm			. ,	
Security System				
Generic	100%	2029 * *	1 \$27,800	В
	Other Observation, Extent : Moderate			
	Location : Throughout The Building			
	Explanation : C C T V Surveillance	Cameras		
Fire/Smoke Detection				-
Generic	100%	2029 **	1-3 \$45,900	В
	Other Observation, Extent : Moderate	, Area Affected : 100%		
	Location : Throughout The Building Explanation : Strobe Lights, Manual	Dull Station Home And Sm	aka Dataatans	
	Explanation : Strobe Lights, Manual	i Fuii Siaiion, Horns Ana Sm	oke Delectors	
lechanical	Current Repair	Future Replacement	Maintenance	
bystem	% of Fail Date Estimated Cos	t Year Estimated Cost	Cycle Estimated Cost	Priority
Component Type	Total (Years)	FY	(Yrs)	Cod
eating Energy Source				
Natural Gas	100%	2050 **	1	В
Conversion Equipment	10070	2030	1	D
Hot Water Boiler	100%	2037 **	1 \$36,800	В
	Other Observation, Extent : Light, Are		1 \$50,000	Ъ
	Location : Basement Boiler Room	55		
	Explanation : 9 Small Units			
Distribution				
Hot Wtr Piping/Pump	100%	2046 * *	4 \$3,700	В
Terminal Devices				
A ' II	700/	2022 **	1 \$22,200	р

* *

* *

1

1

\$32,200

\$7,200

В

В

2032

2037

Air Conditioning

Air Handler

Convector/Radiator

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.

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

70%

30%

Asset # : 13852

		.#.13032				
Mechanical	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
Air Conditioning						
Energy Source	1000/	0046	de de			P
Electricity	100%	2046	* *	1		В
Conversion Equipment Reciprocating Compr/Chiller	100%	2029	* *	1	\$34,500	В
compi/ chinici	R-22 Refrigerant, Extent : Ligh Location : Roof	nt, Area Affected :	100%			
	Other Observation, Extent : Li Location : Roof	ght, Area Affected	: 100%			
	Explanation : 12 Units					
Distribution	1000/	2 011	ste -1-		<i>★ = = ∧ ∧</i>	
Chilled Wtr Pipe/Pump	100%	2044	* *	4	\$5,500	В
Terminal Devices Air Handler/Cool/Ht	100%	2032	* *	1	\$46,100	В
Heat Rejection Air Condenser Unit	100%	2029	* *	2	\$51,900	В
Ventilation	100%	2029		2	\$31,900	D
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$41,500	В
Exhaust Fans				_	, ,	
Interior	90%	2032	* *	2	\$2,100	В
Roof	10%	2029	* *	2	\$200	В
lumbing						
H/C Water Piping						
Brass/Copper	100%	2050	* *	1		В
Water Heater	1000/	2022	\$11.100		.	Ð
Electric	100%	2022	\$11,100	4	\$400	В
	Other Observation, Extent : Li Location : Various Areas	ght, Area Affectea	: 100%			
	Explanation : Units Installed	Above Ceiling Pa	nals			
Sanitary Piping	Explanation . Onlis Installed	Above Cening I u	neis			
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping	100/0			1		D
Cast Iron	100%	LIFE	* *	1		В
Sump Pump(s)						
Rigid Piping	100%	2029	* *	4	\$2,500	В
Sewage Ejector(s)					, ,- ,- ,-	
Electric	100%	2032	* *	4	\$2,500	В
Backflow Preventer						
Generic	100%	2032	* *	1	\$4,600	В
Fixtures						
Generic	100%					В
Vertical Transport						

Vertical Transport

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

Asset # : 13852

Mechanical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			С
	Other Observation, Extent :	Light, Area Affected	: 100%			
	Location : $(2) C-5$ $(1) C-5$	4				
	Explanation : 3 Units, 2 Pt	ıblic, 1 Staff				
Fire Suppression						
Standpipe						
No Component	50%					D
Generic	50%	2050	* *	1-5	\$18,800	В
	Other Observation, Extent :	Light, Area Affected	: 50%			
	Location : Emergency Stat	rways				
	Explanation : Emergency	Stairways Only				
Sprinkler						
Generic	100%	2050	* *	1-2	\$20,900	В
Fire Pump						
Generic	100%	2033	* *	1	\$13,900	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.

NEW YORK PUBLIC LIBRARY - FY 2015 Print Date: 09-Sep-2014

Asset Name	: CENTRAL RESEARCH LIBRARY ST	FEPHEN A. SCHW	ARZMAN BUILDING
Address	: 42 ST. & 5TH AVE. @ BRYANT PARE	X	
Borough	: MANHATTAN	Agency's Number	: N/A
Program / Asset #	: NPL0001.000 / 1924	Yr Built/Renovated	: 1924 / 2011
Area Sq Ft	: 646,680	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 25-Jul-2012	Landmark Status	: INTERIOR & EXTERIOR LANDMARK
Areas Surveyed	: Basement, Sub Basement, Roof, Floors	1,2,3,4	
Block	: 1257 Lot : 1	BIN	: 1034194

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$856,400	\$904,000
Interior Architecture	\$904,200	\$2,987,000
Electrical	\$1,894,800	\$7,234,400
Mechanical	\$306,400	\$7,777,000
Total	\$3,961,800	\$18,902,300
Priority A	\$856,400	\$904,000
Priority B	\$2,239,000	\$15,616,000
Priority C	\$866,400	\$2,382,300
Total	\$3,961,800	\$18,902,300

Total	\$471,900	\$325,300	\$551,800	\$321,600
Priority C	\$74,700	\$30,700	\$61,900	\$45,500
Priority B	\$374,300	\$294,600	\$478,700	\$276,100
Priority A	\$23,000		\$11,200	
Total	\$471,900	\$325,300	\$551,800	\$321,600
Elevators/Escalators	\$23,700	\$23,700	\$23,700	\$23,700
Mechanical	\$252,300	\$195,900	\$341,300	\$149,200
Electrical	\$68,100	\$75,000	\$113,700	\$103,300
Interior Architecture	\$104,900	\$30,700	\$61,900	\$45,500
Exterior Architecture	\$23,000		\$11,200	
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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 # : 1924

			Asset # : 1	924					
Architecture		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	Priority Cod	
xterior									
Exterior Walls									
Masonry: Marble	98%			LIFE	* *	5	\$218,600	А	
	-		nt, Extent : Light, A	rea Affe	cted : 35%				
	Location	: Through	out						
Window Wall	2%			2043	* *	5	\$22,300	Α	
Windows									
Bronze/Brass	100%			2031	* *	5	\$492,800	Α	
Parapets						_			
Masonry: Marble	95%			LIFE	* *	5	\$84,500	А	
	-	oair Evide. : Through	nt, Extent : Light, A	rea Affe	cted : 50%				
		. Inrough	<i>со</i> ш	0000		F 10	.		
Metal Rail	5%			2028	* *	5-10	\$63,800	A	
Roof	200/			2029	* *	10	¢100.000	•	
Copper/Terne	30%	amention 1	Futant . Madanata	2038		10	\$188,000	А	
		Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout							
		-	ed With A Rubbery	Compou	nd				
Compon/Tormo	<u>- Explanal</u> 30%	ion . Seure	eu wiin A Kubbery	2038	* *	10	\$188,000	•	
Copper/Terne IRMA/Protected	5%			2038	\$105,300	10	\$188,000	A A	
Membrane	J 70			2023	\$105,500	10	\$12,300	A	
Metal Panel	5%			2036	* *	10	\$23,000	А	
Modified Bitumen	15%			2033	* *	10	\$37,600	A	
		place Evid	ent, Extent : Light, .	Area Aff	ected : 100%				
	Location	: East Sid	e						
Single Ply Membrane	5%			2023	\$44,400	10	\$12,500	А	
Skylight, Metal/Glass	5%	Now	\$195,200	2033	* *		, ,	А	
	Water Pen	etration, E	Extent : Moderate, A	rea Affe	cted : 10%				
	Location	: Bartos I	Room						
Sloped Glazing	5%			LIFE	* *	5	\$167,100	А	
erior									
Floors									
Carpet	10%			2022	\$1,223,400	3	\$181,800	С	
Cast in Place Concrete	5%			LIFE	* *	5	\$99,400	С	
Ceramic Tile	3%			2032	* *	5	\$27,300	С	
Cork Tile	7%			2033	* *	5	\$55,700	С	
Marble Panels	45%	Now	\$781,200	LIFE	* *	5	\$306,900	С	
		Crumbling : Corrido	, Extent : Moderate rs	, Area Aj	ffected : 10%				
Quarry Tile	5%			2028	* *	5	\$68,200	С	
Vinyl Tile	15%			2023	\$1,222,400	3	\$51,100	C	
Wood	10%			2038	* *	5	\$170,500	С	

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

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

		//0001//	727				
	Current R	Repair	Futur	e Replacement	M	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
							С
							С
5%			LIFE	* *			С
5%			LIFE	* *	5	\$35,000	С
5%			LIFE	* *			С
30%			LIFE	* *			С
25%			LIFE	* *	5	\$87,600	С
10%			LIFE	* *	5	\$35,000	С
10%			LIFE	* *	5	\$467,000	С
5%			2028	* *	5	\$75,600	В
5%			2036	* *	5	\$60,500	В
5%			LIFE	* *	5	\$75,600	В
5%			LIFE	* *			В
20%			LIFE	* *	1		В
5%			LIFE	* *	5	\$75,600	В
40%			LIFE	* *			В
15%			LIFE	* *	5	\$113,400	В
	Current R	lepair	Futur	e Replacement	M	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
		Estimated Cost		Estimated Cost	•	Estimated Cost	
		Estimated Cost		Estimated Cost	•	Estimated Cost	
	(Years)	Estimated Cost		Estimated Cost	•	Estimated Cost	
Total	(Years)	Estimated Cost		Estimated Cost	•	Estimated Cost	Cod
Total	(Years)	Estimated Cost		Estimated Cost	•	Estimated Cost \$4,800	Cod
Total 100%	(Years)	Estimated Cost	FY 2028	**	(Yrs)		Coc D
Total 100% 100% Other Obs	(Years)	xtent : Moderate, A	FY 2028	**	(Yrs)		Coo D
Total 100% 100% Other Obs Location	(Years) servation, E 1 : Electrica	xtent : Moderate, A	FY 2028 Area Affe	**	(Yrs)		Coo D
Total 100% 100% Other Obs Location	(Years) servation, E 1 : Electrica	xtent : Moderate, A Il Room	FY 2028 Area Affe	**	(Yrs)		Coo D
Total 100% 100% Other Obs Location	(Years) servation, E 1 : Electrica	xtent : Moderate, A Il Room	FY 2028 Area Affe	**	(Yrs)		Coc D
Total 100% 100% Other Obs Location Explana	(Years) servation, E 1 : Electrica	xtent : Moderate, A Il Room	FY 2028 Area Affe 28 Volts	* * cted : 100%	(Yrs) 3		Coo D B
	Total 5% 5% 5% 5% 30% 25% 10% 10% 5% 5% 5% 5% 5% 5% 5% 5% 5% 40%	% of Total Fail Date (Years) 5%	Signal Current Repair % of Total Fail Date (Years) Estimated Cost 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% 5% 20% 5% 40%	Current RepairFutur% of TotalFail Date (Years)Estimated Cost FYYear FY5%20265%LIFE5%LIFE5%LIFE5%LIFE5%LIFE5%LIFE5%LIFE30%LIFE10%LIFE10%LIFE5%20285%20365%LIFE	Current RepairFuture Replacement $\%$ of TotalFail Date (Years)Estimated Cost FYYear FYEstimated Cost FY 5% 2026 ** 5% $LIFE$ ** 20% $LIFE$ ** 10% $LIFE$ ** 10% $LIFE$ ** 5% 2028 ** 5% 2036 ** 5% $LIFE$ ** 10% $LIFE$ ** 10% $LIFE$ ** 10% $LIFE$ **	$\begin{tabular}{ c c c c c c } \hline Current Repair & Future Replacement & M. \\ \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c } \hline Fail Date Estimated Cost \\ \hline \begin{tabular}{ c c c } \hline \begin{tabular}{ c c c } \hline Fail Date Estimated Cost \\ \hline \begin{tabular}{ c c c } \hline \begin{tabular}{ c c } \hline tabula$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

2043

2043

Explanation : Main Service Protectors Rated @ 3000 Amps And 2500 Amps

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

Explanation : Main Service Protector Rated @ 4000 Amps

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

* *

* *

5

5

\$1.400

\$1.400

В

В

Asset # : 1924

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

Location : Electrical Room 1

Location : Electrical Room 2

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

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

50%

50%

Service Equipment Fused Disc Sw

Fused Disc Sw

Asset # : 1924

		Current	ASSEL π . Is		o Ronlocement		aintananee	
Electrical		Current	Kebsili	Futur	e Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Transformers								
Dry Type	100%			2028	* *	5	\$2,400	В
			Extent : Moderate, A	Area Affe	ected : 100%			
		1 : Electric						
	Explana	tion : 225	Kva, 112 Kva, 93 K	va, 75 K	va			
Switchgear / Switchboard Fused Disc Sw	30%			2043	* *	5	\$800	р
Fused Disc Sw Fused Disc Sw	50%			2045	* *	5 5	\$800	B B
Fused Disc Sw Fused Disc Sw	20%			2033	\$87,500	5	\$1,400	B
Raceway	2070			2023	\$67,500	5	\$000	D
Conduit	60%			2023	\$365,000	1		В
Conduit	40%			2043	**	1		B
Panelboards	,.							
Fused Disc Sw	20%			2022	\$122,500	5	\$3,000	В
Molded Case Bkrs	20%			2022	\$122,500	5	\$3,400	В
Molded Case Bkrs	60%			2039	* *	5	\$10,200	В
Wiring								
Braided Cloth	20%	2-4	\$137,600	2048	* *	1		В
			ent : Moderate, Are	a Affecte	ed : 100%			
		n : Old Sec	tions					
Thermoplastic	40%			2043	* *	1		В
Thermoplastic	40%			2023	\$275,300	1		В
Motor Controllers						_		_
Locally Mounted	10%			2028	* *	5	\$400	B
Locally Mounted	10%			2021	\$115,400 * *	5	\$400	B
Motor Control Center	70%			2028	* *	5 5	\$12,300	B
Motor Control Center Ground	10%			2040	··· ··	5	\$1,800	В
Grounding Devices								
Not Accessible	50%							D
Generic	50%			LIFE	* *	5	\$4,800	B
tand-by Power	0070			22		0	\$.,000	2
Transfer Switches								
Automatic	100%			2028	* *	1	\$199,000	В
Generators								
Diesel	100%			2026	* *	1	\$250,400	В
			Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Generat						
	Explana	tion : Eme	rgency Diesel Gene	rator Ra	ted @ 500 Kw			
Batteries	100			0010	*= ~~	-	M 1 4 4 4 6 6	
Nickel Cadmium	100%			2018	\$700	5	\$144,100	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 # : 1924

Electrical	Current Repair Future Replacement					M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
tand-by Power								
Fuel Storage	500/			2020	ste ste	-	¢ < 0, 0, 0, 0	D
Day Tank	50%		Sutant . Madauata	2039	* *	5	\$60,000	В
		i : Generat	Extent : Moderate, A	Area Ajje	cieu . 100%			
			vailable Rating Ca	nacity				
Main Tank	<u> </u>			2038	* *	5	\$9,500	В
	Other Obs Location	ı : Generat	Extent : Moderate, A or Room Gallons Capacity			5	\$7,500	D
ighting	Блрини		Sanons Capacity					
Interior Lighting								
Fluorescent	50%			2023	\$1,773,300	10	\$296,600	В
	Location	servation, E 1 : Offices tion : T-8 L	Extent : Moderate, A amps	Area Affe	cted : 100%			
Fluorescent	5%		-	2023	\$177,300	10	\$29,700	В
	Location	ı : Reading	Extent : Moderate, A Area And Auditori	um				
Fluorescent	<u>- Explana</u> 30%	non . Com	pact Fluorescent L	$\frac{2018}{2018}$	\$1,064,000	10	\$177,900	В
Fluorescent	Other Obs Location	servation, E 1 : Offices tion : T-12	Extent : Moderate, A Lamps			10	\$177,900	D
Fluorescent	5%			2028	* *	10	\$29,700	В
	Other Obs Location	servation, E 1 : Offices tion : T-5 L	Extent : Moderate, 1 amps		cted : 100%		,	
Incandescent	10%			2023	\$354,700	2	\$1,400	В
Egress Lighting								
Emergency, Battery	20%			2028	* *	10	\$31,200	В
Exit, LED	30%			2051	* *	1		В
Exit, Service	50%			2028	* *	1		В
Exterior Lighting	100-				****	10	* * • • • • •	-
Fluorescent	100%			2018	\$354,300	10	\$59,200	В
	Location	ı : Outside	Extent : Moderate, A Light Poles pact Fluorescent L		cted : 100%			
larm	Елриана	non . Com	aci riuorescent Li	mps				
Security System								
No Component	70%							D
Generic	30%			2023	\$618,700	1	\$72,500	B
	Other Obs	servation, E 1 : Hallway	Extent : Moderate, A s			-	,	_
	Explana	tion : C C Z	TV 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 # : 1924

			ASSet # : 1				aintenance	
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	Priority Cod
larm								
Fire/Smoke Detection	60%							D
No Component Generic	40%			2023	\$2,824,000	1-3	\$159,400	B
Generic		ervation. F	Extent : Moderate, A			1-5	\$159,400	D
			s And Mechanical					
	Explana	tion : Strok	e Lights, Manual F	ull Stati	ons, Horns			
Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cvcle	Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)	2500000000000	Cod
Heating								
Energy Source								
Utility Steam	90%			2033	* *	1		В
Electricity	10%			2033	* *	1		В
Conversion Equipment								
Heat Exchanger	80%			2019	\$116,200	1	\$255,800	В
Pres. Reducing Valve/LP	P 10%			2032	* *	5	\$3,800	В
Steam	1.0							-
No Component	10%							D
Distribution	500/			2021	* *	4	¢15 000	р
Hot Wtr Piping/Pump Steam Piping/Pump	50% 50%			2031 2033	* *	4 4	\$15,900 \$23,900	B B
Terminal Devices	30%			2055		4	\$23,900	D
Air Handler	45%			2023	\$1,488,500	1	\$180,000	В
Convector/Radiator	40%			2028	\$1,100,500 * *	1	\$83,500	B
Fan Coil Unit/Heat	10%			2023	\$918,600	1	\$20,900	B
Unit Heater-Stm/HW	5%			2031	* *	4	\$3,000	В
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		В
Conversion Equipment								_
Centrifugal, Elec Chiller				2026	* *	1	\$244,900	В
			Extent : Light, Area	Affected	: 35%			
		i : Basemer						
Designed		110n . K123	Refrigerant	2022	¢462 700	1	¢<0.000	Л
Reciprocating Compr/Chiller	20%			2023	\$462,700	1	\$60,000	В
-	R-22 Refr	igerant Ex	tent : Light, Area A	ffected ·	20%			
		i : Basemer						
No Component	10%	-						D
Under Construction	35%							D
Distribution	2270							
Chilled Wtr Pipe/Pump	90%			2033	* *	4	\$43,000	В
No Component	10%							D

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 # : 1924

Mechanical		Current Repair Future Re			Replacement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Terminal Devices					** * * * * * *		** **	-
Air Handler/Cool/Ht	90%			2023	\$2,345,200	1	\$359,900	В
No Component	10%							D
Heat Rejection							* = 0 = = 0 0	-
Water Cool Tower	90%			2024	\$1,584,800	2	\$585,700	В
No Component	10%							D
Ventilation								
Distribution	4000						** • • • • • •	-
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$360,600	В
Exhaust Fans								_
Interior	90%			2023	\$678,100	2	\$17,800	В
Roof	10%			2023	\$54,200	2	\$2,000	В
Plumbing								
H/C Water Piping								_
Brass/Copper	100%			2033	* *	1		В
Water Heater								
Electric	100%			2018	\$105,700	4	\$3,800	В
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	\$95,900	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)								
Rigid Piping	100%			2018	\$11,700	4	\$1,600	В
Sewage Ejector(s)								
Electric	100%			2018	\$11,700	4	\$1,600	В
Backflow Preventer								
No Component	50%							D
Generic	50%			2028	* *	1	\$19,800	В
Fixtures								
Generic	100%							В
ertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			С
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 80%			
	Location	n : (3) G, 1-	3 (1) 1-3 (1) Fr	eight 1-3	3			
	Explana	tion : 5 Un	its					
Hydraulic	20%			LIFE	* *			С
11, druune		ervation. F	Extent : Light, Area		: 20%			C
		a : C, G, 1-	-	55				
		tion : 1 Uni						
Fire Suppression	runu							
Standpipe								

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 # : 1924

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Da Total (Year	te Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression							
Sprinkler							
No Component	95%						D
Generic	5%		2043	* *	1-2	\$9,100	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.

NEW YORK PUBLIC LIBRARY - FY 2015 Print Date: 09-Sep-2014

Asset Name	: COUNTEE CULLEN BRANCH LIBE	RARY							
Address	: 104 WEST 136TH ST. NEAR MALCO	4 WEST 136TH ST. NEAR MALCOLM X BLVD.							
Borough	: MANHATTAN	Agency's Number	: N/A						
Program / Asset #	: NPL0007.000 / 4221	Yr Built/Renovated	: 1941 / 1990						
Area Sq Ft	: 23,345	Project Type	: NEW YORK PUBLIC LIBRARY						
Date of Survey	: 26-Jul-2012	Landmark Status	: NONE						
Areas Surveyed	: Basement, Roof, Floors 1,2m,2,3								
Block	: 1920 Lot : 26	BIN	: 1058275						

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$624,300	\$36,900
Interior Architecture		\$102,200
Electrical		\$11,700
Mechanical	\$109,300	
Total	\$733,600	\$150,800
Priority A	\$624,300	\$36,900
Priority B	\$109,300	\$11,700
Priority C		\$102,200
Total	\$733,600	\$150,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$29,100			
Interior Architecture	\$25,000	\$1,800	\$17,300	\$14,300
Electrical	\$700	\$700	\$19,100	\$900
Mechanical	\$24,300	\$5,200	\$5,500	\$5,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$83,000	\$11,700	\$45,900	\$24,300
Priority A	\$29,100			
Priority B	\$29,000	\$9,900	\$45,900	\$10,000
Priority C	\$25,000	\$1,800		\$14,300
Total	\$83,000	\$11,700	\$45,900	\$24,300



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 # : 4221

rchitecture	Current Repair Futu			e Replacement	M	aintenance			
ystem Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
terior									
Exterior Walls					_				
Cast in Place Concrete	2%		LIFE	* *	5	\$3,500	А		
Masonry: Brick	30%		LIFE	* *	5	\$10,600	А		
Masonry: Brick	65% Now		LIFE	* *	5	\$23,100	А		
	Diagonal Cracks, Exten	t : Moderate, Are	a Affect	ed : 5%					
	Location : Chimney								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
	Location : East Facad	·							
	Worn/Eroded, Extent : M		ffected .	25%					
	Location : West Facad	le, East Facade							
Slate Panels	3% Now	\$53,500	LIFE	* *	5	\$800	А		
		Broken/Missing Elements, Extent : Severe, Area Affected : 100% Location : Window Sills							
	Cracking/Crumbling, Extent : Severe, Area Affected : 100% Location : Window Sills								
	Spalling, Extent : Severe Location : Window Sil		50%						
Windows									
Aluminum	40% Now	\$15,900	2039	* *	5	\$2,000	А		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10% Location : 3rd Floor Windows								
	Hardware Missing, Extent : Moderate, Area Affected : 10%								
	Location : 3rd Floor Windows								
Steel	60% 0-2	\$296,400	2048	* *	5	\$36,900	А		
2.0001	Corrosion/Rusting, Exte	. ,		d : 35%	U	<i>QCCQYCCCCCCCCCCCCC</i>			
	Location : East Facade, West Facade								
	Deteriorated Finish, Extent : Severe, Area Affected : 100%								
	Location : East Facade, West Facade								
	Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
	Location : East Facade, West Facade								

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

Asset # : 4221

Architecture		Current F	Repair	Futu	re 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									
Cast Stone/Terra Cotta	3%			LIFE	* *	5	\$1,000	А	
Masonry: Brick	25%	Now	\$6,200	LIFE	* *	5	\$1,100	А	
	Loose/De	lam Surface	e, Extent : Moderat	e, Area A	Affected : 25%				
	Location	n : Interior	Face Of North Par	apet					
	Spalling,	Extent : Mo	derate, Area Affect	ed : 25%	6				
			Face Of North Par						
Masonry: Brick	65%	Now	\$48,000	LIFE	* *	5	\$2,900	А	
Wasoni y. Diek			. ,		Affected · 50%	5	ψ2,700	Α	
		Int Mortar Miss/Erod, Extent : Moderate, Area Affected : 50% Location : East And West Parapets							
			derate, Area Affect	ad . 250	4				
			l West Parapets	eu . 257	0				
				A (C	. 250/				
			: Moderate, Area	Ајјестеа	: 55%				
			l West Parapets						
Masonry: Limestone	2%		\$900	LIFE	* *	5	\$100	А	
	Jnt Morta	r Miss/Erod	d, Extent : Moderat	e, Area	Affected : 25%				
	Location : Coping At Parapet Over Mezzanine								
	Caulking	Deteriorate	ed, Extent : Modera	te, Area	Affected : 25%				
	Location	n : Coping A	At Parapet Over Me	ezzanine					
Metal Security Bars	2%	Now	\$3,100	2063	* *			А	
Ş	Corrosion	ı/Rusting, E	xtent : Severe, Are	a Affecte	ed : 50%				
		-	Over Mezzanine	00					
		0	s, Extent : Moderat	e. Area	Affected : 25%				
			Over Mezzanine	.,	55				
Metal: Cage/Fence			\$300	2028	* *	5	\$400	A	
Wietai. Cage/Tenee	- / -		xtent : Moderate, A		octed · 25%	5	\$+ 00	Л	
		n : At West		neunge	<i>cieu</i> . 2570				
			Extent : Moderate,	Area Af	Factod · 25%				
				Area Af	<i>jeciea : 237</i> 0				
	Location	n : At West	ғигиреі						

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

Asset # : 4221

Architecture	Current Re	epair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior Roof							
Modified Bitumen	93% Now Blisters, Extent : Seven Location : Over Thir Patching Evident, Exte	d Floor ent : Light, Area A		* *			A
	Location : Througho Ponding, Extent : Mod Location : Over Thir Seams Open/Split, Exto	lerate, Area Affect d Floor					
	Location : Over Thir Water Penetration, Ex. Location : Over 3rd	tent : Moderate, A	area Affe	cted : 10%			
Panel/Paver: Cer/Brk	5% Now Cracking/Crumbling, I Location : Small Sec Miss/Damaged Flashin Location : Small Sec	tion Over Mezzan 1gs, Extent : Mode	ine erate, Ar	-			A
	Worn/Eroded, Extent : Location : Small Sect	Moderate, Area A	Affected :	· 25%			
Skylight, Metal/Glass	2%		2033	* *	10	\$1,100	А
terior Floors							
Carpet	70% Recent Replace Evider Location : 1st Thru 3		2022 Area Affe	\$349,900 ected : 75%	3	\$57,000	C
	Staining/Discoloring, I Location : Basement		, Area Aj	ffected : 25%			
Cast in Place Concrete	5%		LIFE	* *	5	\$4,500	С
Ceramic Tile	5%		2032	* *	5	\$2,000	С
Terrazzo	5% 0-2 Cracking/Crumbling, I Location : Stairs	\$9,100 Extent : Moderate	LIFE , Area A <u>j</u>	* * fected : 10%	5	\$1,600	C
Vinyl Tile	15%		2023	\$49,900	3	\$2,300	С
Interior Walls	_						
Ceramic Tile	3%		2026	* *	5	\$3,200	C
Concrete Masonry Unit	5% 82%		LIFE	* *	5	\$2,100	C
Gypsum Board Plaster	82% 10%		LIFE LIFE	* *	5 5	\$52,300 \$3,200	C C
Ceilings	1070		LIFE		5	\$3,200	C
AcousTileSusp.Lay-In	85%		2028	* *	5	\$34,600	В
Gypsum Board	10%		LIFE	* *	5	\$5,100	B
Plaster	5%		LIFE	* *	5	\$1,300	B

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 # : 4221

		ASSet # : 4					
Electrical	Current Repair Future Replacement			e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2043	* *	5	\$100	В
		, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Electr						
	Explanation : Tw	vo 400 Amps Main Di	scconnec	et Switch			
Raceway Conduit	70%		2043	* *	1		В
Conduit	30%		2043	* *	1		B
Panelboards	5070		2033		1		D
Molded Case Bkrs	70%		2039	* *	5	\$400	В
Molded Case Bkrs	30%		2022	\$7,000	5	\$200	B
Wiring				4.9000		+	
Thermoplastic	70%		2043	* *	1		В
Thermoplastic	30%		2023	\$8,100	1		В
Motor Controllers							
Locally Mounted	60%		2036	* *	5	\$100	В
Locally Mounted	40%		2021	\$6,400	5	\$100	В
Ground							
Grounding Devices					_		_
Generic	100%		LIFE	* *	5	\$300	В
	Location : Basen	, Extent : Moderate, A	Area Affe	ected : 100%			
	Explanation : Wasen						
ighting	Explanation . we						
Interior Lighting							
Fluorescent	85%		2028	* *	10	\$18,200	В
Thusteseent		, Extent : Moderate, A		ected : 100%	10	<i>\</i>	D
	Location : Throu		55				
	Explanation : Us	ting T-8 Lamps					
Fluorescent	10%		2023	\$11,700	10	\$2,100	В
		, Extent : Moderate, A					
	Location : Basen	nent					
	Explanation : Us	sing T-12 Lamps					
HID	2%		2028	* *	10		В
Incandescent	3%		2028	* *	2		В
Egress Lighting			-		-		
Emergency, Service	50%		2028	* *	1		В
Exit, Service	50%		2028	* *	1		В
Exterior Lighting							
HID	100%		2028	* *	10	\$100	В
Alarm							
Security System	700/						P
No Component	70%		2022	* *	1	¢0 (00	D
Generic	30%		2033	· · · ·	1	\$2,600	В
Fire/Smoke Detection	70%						р
No Component Generic	70% 30%		2033	* *	1-3	\$4 200	D B
Generic	30%		2033		1-3	\$4,300	D

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

Asset # : 4221

Mechanical	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		В
Conversion Equipment								
Steam Boiler	Location	servation, H n : Boiler R	\$109,300 Extent : Moderate, A Coom its - Inadequate He			1	\$20,800	В
Distribution								
Steam Piping/Pump		lent, Extent	\$15,700 : Moderate, Area A nd Condensate Retu			4	\$1,200	В
Terminal Devices								
Air Handler	40%			2031	* *	1	\$5,800	В
Convector/Radiator	60%			2036	* *	1	\$4,500	В
Air Conditioning Energy Source								
Electricity	100%			2039	* *	1		В
Conversion Equipment Ext Pkg Unit - Cooling		servation, H	Extent : Light, Area	2031 Affected	* *	2	\$500	В
	Location	U U						
			gerant Type 410a					
No Component	65%							D
Terminal Devices							* * • • • •	-
Fan Coil - Cooling	35%			2031	* *	1	\$2,600	В
No Component	65%							D
Heat Rejection	250			2021	ala ala		<i>^{}</i><i>^{}</i>	P
Air Condenser Unit	35%			2031	* *	2	\$5,700	B
No Component	65%							D
Ventilation								
Distribution	1000/			LIEE	* *	25	¢12.000	р
Ductwork/Diffusers	100%			LIFE		2-5	\$13,000	В
Exhaust Fans Roof	100%			2023	\$17,800	2	\$700	В
	100%			2023	\$17,800	2	\$700	D
Plumbing H/C Water Piping								
Brass/Copper	20%			2043	* *	1		В
Galv Iron/Steel	20% 80%			2043	* *	1		B
Water Heater	0070			2030		1		U
Gas Fired	100%			2021	\$5,200	2	\$300	В
Sanitary Piping	10070			2021	45,200	-	φ500	U
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	100/0					1		D
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)	10070					-		~
Submersible	100%			2016	\$6,400	4	\$2,500	В
540110151010	100/0			2010	ψ0, + 00	т	ψ2,500	U

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 # : 4221

Mechanical	Current Repair	Future Repla	cement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			С
	Other Observation, Extent : Light, Area Affected : 100%					
	Location : B, 1, M, 2, 3					
	Explanation : One Unit					
Fire Suppression						
Sprinkler						
No Component	85%					D
Generic	15%	2043	* *	1-2	\$1,000	В

NEW YORK PUBLIC LIBRARY - FY 2015 Print Date: 09-Sep-2014

Asset Name Address	 HAMILTON GRANGE BRANCH LIBRARY 503 WEST 145TH ST. NEAR AMSTERDAM AVE. 						
Borough	: MANHATTAN	Agency's Number	: N/A				
Program / Asset #	: NPL0010.000 / 4224	Yr Built/Renovated	: 1907 / 2004				
Area Sq Ft	: 23,520	Project Type	: NEW YORK PUBLIC LIBRARY				
Date of Survey	: 15-Jul-2013	Landmark Status	: EXTERIOR LANDMARK				
Areas Surveyed	: Basement, Roof, Floors 1,2,3,4						
Block	: 2077 Lot : 26	BIN	: 1061938				

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$242,800	
Interior Architecture	\$134,600	
Electrical	\$12,900	\$50,500
Mechanical	\$103,400	\$254,400
Total	\$493,800	\$304,900
Priority A	\$242,800	
Priority B	\$116,300	\$304,900
Priority C	\$134,600	
Total	\$493,800	\$304,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$24,800			\$10,900
Interior Architecture	\$73,200	\$2,700	\$900	
Electrical	\$2,200	\$2,700	\$2,300	\$27,200
Mechanical	\$22,300	\$11,000	\$7,000	\$3,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$126,400	\$20,400	\$14,100	\$45,800
Priority A	\$24,800			\$10,900
Priority B	\$58,200	\$17,700	\$13,200	\$34,900
Priority C	\$43,400	\$2,700	\$900	
Total	\$126,400	\$20,400	\$14,100	\$45,800



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Asset # : 4224

chitecture	Current	Repair	Futur	e Replacement	Μ	aintenance			
tem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod		
erior									
Exterior Walls									
Masonry: Brick	65% Now	\$72,400	LIFE	× *	5	\$11,400	Α		
	Spalling, Extent : Mo Location : East Fa								
	Worn/Eroded, Exten								
		cade,West Facade,							
Massamu Casaita		cuae, west I acaae,		* *	5	\$200	•		
Masonry: Granite Masonry: Limestone	2% 28%		LIFE LIFE	* *	5 5	\$300 \$3,700	A A		
Metal Panel	5%		2034	* *	5-10	\$6,000	A		
Windows	570		2034		5 10	φ0,000	71		
Wood	100% Now	\$115,400	2049	* *	5	\$19,500	А		
	Air Infiltration, Exte			1 : 50%	·	,			
	Location : Through	iout							
	Dry Rot/Decay, Exte	nt : Moderate, Area	Affected	l : 25%					
	Location : North F								
	Thermally Inefficient		, Area Aj	ffected : 50%					
	Location : North F								
	Split/Cracked, Exten		Affected .	: 50%					
Demonster	Location : North F	acaae							
Parapets Masonry: Brick	65% Now	\$24,800	LIFE	* *	5	\$2,000	А		
Masoniy. Drick					5	\$2,000	A		
	Spalling, Extent : Moderate, Area Affected : 25% Location : East Facade,West Facade, North Facade								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : East Fa		55						
Masonry: Limestone	20%		LIFE	* *	5	\$800	Α		
Metal Panel	5%		2044	* *	5	\$600	A		
Pre-Cast Concrete	5%		LIFE	* *	5	\$1,000	А		
Slate	5%		LIFE	* *	5	\$200	А		
Roof									
Modified Bitumen	50%		2029	* *	10	\$9,000	А		
Modified Bitumen	50% 2-4	\$55,000	2034	* *			А		
	Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
	Location : Over Old Apartment								
	Seams Open/Split, Extent : Moderate, Area Affected : 15%								
	Location : Over Old Apartment Water Penetration, Extent : Moderate, Area Affected : 20%								
	Location : Over Ol		пси Ајје	<i></i>					
	Worn/Eroded, Exten	t : Moderate. Area /	Affected	25%					

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 # : 4224

Architecture		Current F	Repair	Futur	e Replacement	Μ		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
terior								
Floors								
Cast in Place Concrete			xtent : Moderate, A litioning Room In I			5	\$7,700	C
Ceramic Tile	5%			2033	* *	5	\$1,800	С
Vinyl Tile	50%			2029	* *	3	\$6,600	С
Wood	30%	Now	\$73,400	2039	* *	5	\$9,900	С
	Deteriora Location Staining/L	a : 3rd Floo	Extent : Severe, Ar or , Extent : Moderate	ea Affect				
X 7 1				2064	* *	5	¢1 700	
Wood	Location Split/Crac	: Old Apa	: Severe, Area Affe		50%	5	\$1,700	С
Interior Walls		1						
Ceramic Tile	3%			2037	* *	5	\$1,100	С
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,400	С
Glass: Single Pane	2%			LIFE	* *	5	\$500	С
Gypsum Board	60%			LIFE	* *	5	\$12,900	С
Masonry: Brick	-		\$14,700 tent : Moderate, Ar At Fourth Floor	LIFE ea Affect	* * ted : 3%			С
	Loose/Del Location	am Surface : Basemer	e, Extent : Moderat					
		: Basemen						
Plaster	8	6	\$13,600 Extent : Severe, A litioning Equipmen			5 Courth Flo	\$1,600	С
			Extent : Severe, Ar					
	Location	n : Air Cond	litioning Equipmen	t Room	In Basement, 3rd A	nd 4th F	loors	
	Water Per	etration, E	xtent : Severe, Area litioning Equipmen	a Affecte	d : 25%			
Plaster	5% Broken/M	Now	\$15,100 hents, Extent : Seve	LIFE	* *	5	\$500	С
		am Surface : Old Apa	e, Extent : Severe, A rtment	rea Affe	ected : 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 # : 4224

			Asset # : 42	224				
Architecture		Current F	Repair	Futu	re Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
nterior								
Ceilings								
AcousTileSusp.Lay-In	30%			2041	* *	5	\$10,600	В
Glass: Susp Panels	5%			LIFE	* *	_		В
Gypsum Board	20%			LIFE	* *	5	\$8,800	В
Plaster	40%		** • • • • •	LIFE	* *	5	\$8,800	В
Plaster	5%		\$24,400	LIFE	* *	5	\$1,100	В
		-	ents, Extent : Seve	re, Area	Affected : 50%			
		n : Old Apa		1.00	1 050/			
			xtent : Severe, Ared	a Affecte	pd:25%			
	Location	n : Old Apa	rtment					
Electrical		Current F	Repair	Futu	re Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
Jnder 600 Volts	I							1
Service Equipment								
Molded Case Bkrs	100%)		2024	\$3,400	5	\$600	В
			Extent : Moderate, A	Area Affe	ected : 100%			
		n : Electrico						
	Explana	tion : No N	ameplate Ratings A	lvailable	2			
Switchgear / Switchboard								
Molded Case Bkrs	100%)		2024	\$50,500	5	\$600	В
Raceway								_
Conduit	30%			2024	\$8,200	1		В
Conduit	70%)		2044	* *	1		В
Panelboards						_		-
Fused Disc Sw	5%			2040	* *	5	** **	В
Molded Case Bkrs	35%			2023	\$8,900	5	\$200	В
Molded Case Bkrs	60%)		2040	* *	5	\$400	В
Wiring					<i>***</i> ~ ~	~		-
Thermoplastic	40%			2024	\$11,800	1		В
Thermoplastic	60%)		2044	* *	1		В
Motor Controllers	105				*	_	. .	-
Locally Mounted	100%)		2022	\$17,600	5	\$200	В
Ground								
Grounding Devices	1000							P
Not Accessible	100%)						D

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 # : 4224

	Asset # :										
Electrical	Current Repair	Futur	e Replacement	М							
ystem Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod					
ghting											
Interior Lighting											
Fluorescent	30%	2029	* *	10	\$6,500	В					
	T-8 Lamps, Extent : Moderate, Area		00%								
	Location : Throughout The Buildin	-	*13 000	10	** * * *						
Fluorescent		2019	\$12,900	10	\$2,200	В					
	T-12 Lamps, Extent : Moderate, Area Location : Basement		100%								
Fluorescent	10%	2029	* *	10	\$2,200	В					
	T-5 Lamps, Extent : Moderate, Area Location : 3rd Floor	Affected : 1	00%								
Fluorescent	50%	2029	* *	10	\$10,800	В					
	Other Observation, Extent : Moderate, Area Affected : 100%										
	Location : Reading Areas										
	Explanation : Compact Fluorescen	t Light Fixti	ures								
Egress Lighting	500/	2020	* *	10	¢ 2 200	р					
Emergency, Battery	50% 50%	2029 2029	* *	10	\$2,800	B B					
Exit, Service Exterior Lighting	30%	2029		1		В					
Fluorescent	100%	2024	\$12,900	10	\$2,200	В					
1 Idoreseent		Other Observation, Extent : Moderate, Area Affected : 100%									
	Location : Front And Rear Only										
	Explanation : Compact Fluorescen	t Light Fixt	ures								
larm											
Security System						_					
Generic		2029	**	1	\$8,800	В					
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building										
	Explanation : C C T V Surveillanc	-									
Fire/Smoke Detection		e Cumerus									
Generic	100%	2029	* *	1-3	\$14,500	В					
	Other Observation, Extent : Moderat		ected : 100%	10	<i>\</i>	2					
	Location : Throughout The Buildin	g									
	Explanation : Strobe Lights, Smoke	e Detectors A	And Manual Pull S	tations							
lechanical	Current Repair	Futur	e Replacement	М	aintenance						
ystem	% of Fail Date Estimated Co	st Year	Estimated Cost	Cycle	Estimated Cost	Priorit					
Component Type	Total (Years)	FY		(Yrs)		Cod					
eating											
Energy Source											
Natural Gas	100%	2044	* *	1		В					
Conversion Equipment											
Hot Water Boiler	100%	2022	\$55,800	1	\$11,600	В					
	Other Observation, Extent : Light, A	rea Affected	: 100%								
	Location : Basement Boiler Room										
	Explanation : 1 Unit										

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Asset # : 4224

Mechanical		Current	Tepan	Futur	e Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
leating								
Distribution								
Hot Wtr Piping/Pump	100%			2023	\$124,500	4	\$1,200	В
Terminal Devices								
Air Handler	80%			2032	* *	1	\$11,600	В
Convector/Radiator	20%			2029	* *	1	\$1,500	В
Air Conditioning								
Energy Source	100%			2032	* *	1		D
Electricity Conversion Equipment	100%			2052		1		В
Reciprocating	50%			2019	\$42,100	1	\$5,500	В
Compr/Chiller	D 00 D ()			<i>cc</i> 1	500/			
	-	-	tent : Light, Area A 1t & 3rd Floor	ffected :	50%			
Ext Pkg Unit - Cooling	20%			2019	\$22,900	2	\$300	В
с с		gerant, Ex 1 : Lower Ro	tent : Light, Area A oof	ffected :	20%			
Ext Pkg Unit - Cooling	30%			2032	* *	2	\$400	В
			Extent : Light, Area		d : 30%		÷	
Terminal Devices		5						
Direct Expansion	50%			2019	\$38,500	1		В
No Component	50%							D
Heat Rejection								
Remote Air Cond	50%	Now	\$14,800	2024	\$74,100	2	\$6,600	В
			ere, Area Affected :	20%				
	Location	:Roof						
No Component	50%							D
entilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,100	В
Exhaust Fans								
Interior	60%			2024	\$16,400	2	\$400	В
Roof	40%	Now	\$2,400	2024	\$7,900	2	\$200	В
			ere, Area Affected :	20%				
	Location	: Roof						
lumbing								
H/C Water Piping	1000/			2044	* *	1		л
Brass/Copper	100%			2044		1		В
Water Heater Gas Fired	100%			2022	\$5,800	n	\$300	В
	100%			2022	\$ 3 ,800	2	\$300	D
Sanitary Piping Cast Iron	100%			LIFE	* *	1		В
	100%			LIFE		1		D
Storm Drain Piping Cast Iron	100%	Now	\$1,700	LIFE	* *	1		В
Cast IIOII			Moderate, Area A			1		D
			nside West Wall M					

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

Asset # : 4224

Mechanical	Current Repair	Future Rep	lacement	M	Maintenance					
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code				
Plumbing										
Sump Pump(s)										
Submersible	100%	2017	\$7,100	4	\$2,500	В				
	Other Observation, Extent : Ligh	t, Area Affected : 1009	%							
	Location : Basement Fan Roon	1								
	Explanation : 1 Unit									
Fixtures										
Generic	100%					В				
Vertical Transport										
Elevators										
Hydraulic	100%	LIFE	* *			С				
-	Other Observation, Extent : Light, Area Affected : 100%									
	Location : B-3									
	Explanation : One Unit									
Fire Suppression										
Sprinkler										
No Component	80%					D				
Generic	20%	2044	* *	1-2	\$1,300	В				

NEW YORK PUBLIC LIBRARY - FY 2015 Print Date: 09-Sep-2014

Asset Name	: JEFFERSON MARKET BRANCH LII	BRARY	
Address	: 425 AVENUE OF THE AMERICAS AT	T WEST 10TH ST.	
Borough	: MANHATTAN	Agency's Number	: J01
Program / Asset #	: NPL0J01.000 / 13343	Yr Built/Renovated	: 1877 / 2013
Area Sq Ft	: 20,735	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 08-Jul-2013	Landmark Status	: EXTERIOR, HISTORICAL DISTRICT
Areas Surveyed	: Basement, Roof, Floors 1,3		
Block	: 606 Lot : 1	BIN	: 1082668

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture		\$75,900
Interior Architecture		\$250,300
Electrical	\$67,900	\$120,500
Mechanical	\$58,900	
Total	\$126,800	\$446,800
Priority A		\$75,900
Priority B	\$126,800	\$120,500
Priority C		\$250,300
Total	\$126,800	\$446,800

Total	\$179,800	\$19,000	\$13,900	\$34,900
Priority C	\$76,700			\$3,500
Priority B	\$88,400	\$16,000	\$13,900	\$19,300
Priority A	\$14,800	\$3,100		\$12,100
Total	\$179,800	\$19,000	\$13,900	\$34,900
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Mechanical	\$35,000	\$7,500	\$5,200	\$7,500
Electrical	\$12,000	\$600	\$800	\$3,900
Interior Architecture	\$110,100			\$3,500
Exterior Architecture	\$14,800	\$3,100		\$12,100
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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 # : 13343

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								
Exterior Walls								
Cast Iron	5%			LIFE	* *	_	** *	A
Masonry: Brick	75%			LIFE	**	5	\$39,700	А
	Location	pair Evider : Through	ıt, Extent : Light, A out	rea Affec	cted : 00%			
Masonry: Granite	5%			LIFE	* *	5	\$2,000	А
		pair Evider : Through	ıt, Extent : Light, A out	rea Affeo	cted : 66%			
Masonry: Sandstone	15%			LIFE	* *	5	\$6,000	А
		cent Repair Evident, Extent : Light, Area Affected : 66% Location : Throughout						
Windows								
Aluminum	75%			2032	* *	5	\$6,200	А
Aluminum	10%	Now	\$1,800	2023	\$36,200	5	\$400	А
			nt : Moderate, Area	ı Affectea	l : 40%			
		: Basemer						
	-		tent : Moderate, Ar	ea Affect	ted : 40%			
	Location	: Basemer	nt					
Aluminum	15%	2-4	\$3,100	2032	* *	5	\$600	А
			Extent : Moderate, A	Area Affe	cted : 20%			
			Floor And Above					
	Explana	tion : Thes	e Are Stained Glas.	s Window	28			
Roof	1.50/				de de	10	*12 100	
Copper/Terne	15%			2039	* *	10	\$12,100	Α
			ent, Extent : Light,	Area Affe	ected : 100%			
		: Through						
Slate	85%	Now	\$9,800	LIFE	**			А
	-	-	Extent : Moderate	r, Area Aj	ffected : 5%			
			us Locations		1 100/			
			xtent : Moderate, A	Area Affe	cted : 10%			
	Location	: Through	out					
Iterior								
Floors Cast in Place Concrete	5%			LIFE	* *	5	\$3,400	С
Terrazzo	5%			LIFE	* *	5		
Vinyl Tile	5% 40%	2-4	\$11,100	2024		5 3	\$1,200 \$4,700	C C
v myr i ne			\$11,100 Extent : Light, Ar		\$111,300 ad · 20%	3	\$4,700	C
			out 9x9 Tiles	л дуеси	zu . 2070			
Vinyl Tile	50%	2-4	\$13,900	2024	\$139,100	3	\$5,800	С
	-	-	Extent : Light, Are	ea Affecte	ed : 20%			
	Location	: Through	out					

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

Asset # : 13343

			Asset # : 13	5343				
Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Interior Walls								
Gypsum Board	10%			LIFE	* *	5	\$3,300	С
Masonry: Brick	20%	4+	\$22,800	LIFE	* *			С
2	Effloresce	ence, Exten	t : Severe, Area Affe	ected : 3	0%			
		n : Basemer						
Masonry: Fieldstone	2%	4+	\$3,900	LIFE	* *			С
			Extent : Severe, Are		ed : 10%			C
		ı : Basemer		55				
			resence, Water Pen	netration				
Masonry: Limestone	10%			LIFE	* *			С
Plaster	53%		\$24,900	LIFE	* *	5	\$8,800	C C
riaster			s24,900 ients, Extent : Mod			5	\$8,800	C
		-	Floor Toilet	eruie, Ar	eu Ajjecieu . 1070			
			, Extent : Moderate	Area A	ffacted · 10%			
	-	-	, Extent : Moderate Floor Toilet And Fi	-	<i>Jecieu</i> . 1078			
					1.200/			
			Extent : Severe, Are			I Eine Ca		
			nt Storage Room, 1					
Wood	5%			LIFE	* *	5	\$11,100	С
Ceilings			*-					-
Masonry: Infill Arch	10%		\$7,900	LIFE	**			В
			d, Extent : Moderat	te, Area 1	Affected : 20%			
		1 : Through	out					
Plaster	60%			LIFE	* *	5	\$12,300	В
			Extent : Moderate, A					
	Location	n : 2nd Floo	or Auditorium, 1st I	Floor Re	ading Room And 3	rd Floor	Men's Staff Toilet	
Plaster	25%	Now	\$25,500	LIFE	* *	5	\$5,100	В
	Cracking/	Crumbling	, Extent : Moderate	e, Area A	ffected : 30%			
	Location	n : Rotunda	Ceiling And Walky	way Abo	ve Mezzanine, Aud	itorium		
Wood	5%			LIFE	* *	5	\$14,400	В
Electrical		Current	Renair	Futur	e Replacement	м	aintenance	
System	a (0							
Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	-	Estimated Cost	Priority Code
Туре	Total	(Tears)		гі		(Yrs)		Cour
Jnder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	\$100	В
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	n : Electric	al Room					
	Explana	tion : No R	ating Available					
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$84,200	5	\$500	В
Raceway								
Conduit	100%			2024	\$20,200	1		В

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 # : 13343

		C	ASSet # : 13					
Electrical		Current F	kepair	Futur	e Replacement		aintenance	
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Panelboards	050/			2022	¢26 400	_	¢500	р
Molded Case Bkrs Molded Case Bkrs	95% 5%			2023 2032	\$36,400 * *	5 5	\$500	B B
Wiring	5%			2032		5		D
Braided Cloth	70%	2-4	\$11,400	2049	* *	1		В
			ent : Moderate, Are		ed : 100%			
	Location	: Through	out					
Rubber	10%			2023	\$1,600	1		В
Thermoplastic	20%			2024	\$3,300	1		В
Motor Controllers								
Locally Mounted	100%			2022	\$6,900	5	\$100	В
Ground								
Grounding Devices Generic	100%			LIFE	* *	5	\$300	В
Generie		ervation. E	xtent : Moderate, A		cted : 100%	5	φ300	Б
		: Boiler R						
	Explanati	ion : Conn	ected With Main W	ater Pip	е			
ighting								
Interior Lighting								
Fluorescent	90%	· •		2024	\$26,400	10	\$17,100	В
		rvation, E : Through	xtent : Moderate, A	Area Affe	cted : 100%			
		on : T-12						
Incandescent	10%	0.0.1.12	Lamps	2019	\$2,900	2		В
Egress Lighting	1070			2017	<i>42,900</i>	2		D
Exit, Service	50%			2024	\$1,600	1		В
Exit, Battery	50%			2024	\$7,900	10	\$700	В
Exterior Lighting								
HID	100%			2024	\$3,800	10	\$100	В
larm								
Security System	0.004							D
No Component Generic	80% 20%			2029	* *	1	¢1 600	D B
Fire/Smoke Detection	20%			2029		1	\$1,600	В
No Component	70%							D
Generic	30%			2019	\$67,900	1-3	\$3,900	B
					+ • • • • • • •		+=;; = =	
Mechanical		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)		Cod
Ieating				I				<u> </u>
Energy Source								
Under Construction	100%							D
Conversion Equipment								
Under Construction	100%							D

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 # : 13343

lechanical	Currer	nt Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Fail Da Total (Years	te Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
eating							
Distribution							
Hot Wtr Piping/Pump	60%		2032	* *	4	\$900	В
Steam Piping/Pump	40%		2034	* *	4	\$400	В
Terminal Devices	1.00/		2027	* *	1	¢700	р
Convector/Radiator	10% 40%		2037		1	\$700	B
No Component		, Extent : Light, Area	Affected	· 0%			D
	Location : Basen		пуссией	. 070			
		r Handlers Are Cover	ed Under	r A C Section, 2 U	nits Out	Of 3 Are Out	
No Component	50%						D
rio component		, Extent : Light, Area	Affected	: 0%			D
		n Coil Units Are Cov					
r Conditioning	•						
Energy Source							
Electricity	100%		2040	* *	1		В
Conversion Equipment							
Centrifugal, Elec Chiller		\$58,900	2039	* *	1	\$20,200	В
		Extent : Light, Area A	ffected :	100%			
	Location : 2 Unit			1 1000/			
		, Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Basen Explanation : Ob						
Distribution	Explanation . Of	solele Chillers					
Chilled Wtr Pipe/Pump	100%		2044	* *	4	\$1,500	В
Terminal Devices	100/0		2011			φ1,500	D
Air Handler/Cool/Ht	50% Now	\$27,900	2029	* *	1	\$5,800	В
		Extent : Severe, Area A		20%	-	+-,	_
	-	of 3 In Basement Chi			y Ceiling	3	
Fan Coil - Cool/Heat	50%		2029	* *	1	\$3,400	В
Heat Rejection						1-7	
Water Cool Tower	100%		2029	* *	2	\$20,900	В
entilation						·	
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,600	В
Exhaust Fans							
Roof	10% Now	\$300	2024	\$1,700	2	\$100	В
		tent : Severe, Area Afj	ected : 1	0%			
	Location : Roof						
No Component	90%						D
umbing							
H/C Water Piping	1000/		2020	ф	1		л
Galv Iron/Steel	100%		2029	* *	1		В
Water Heater	100%		2022	\$3,400	А	¢100	п
	100%		71177	55.400	4	\$100	В
Electric		Frient · Light Anga					
Electric	Other Observation	e, Extent : Light, Area nent Boiler 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.

Asset # : 13343

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Sanitary Piping						
Cast Iron		54,700 LIFE	* *	1		В
	On Extended Life, Extent : Mod	lerate, Area Affecte	ed : 15%			
	Location : Drainage, Especia	lly In Kitchen				
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Sump Pump(s)						
Rigid Piping	100%	2024	\$11,700	4	\$2,500	В
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			С
	Other Observation, Extent : Lig	ght, Area Affected :	100%			
	Location : B-3					
	Explanation : 2 Units					
Fire Suppression						
Sprinkler						
No Component	95%					D
Generic	5%	2034	* *	1-2	\$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.

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

NEW YORK PUBLIC LIBRARY - FY 2015 Print Date: 09-Sep-2014

Asset Name Address	 KINGSBRIDGE BRANCH LIBRARY 291 WEST 231 STREET @ CORLEAR AVE 							
Borough	: BRONX	Agency's Number	: N/A					
Program / Asset #	: NPL0018.000 / 14728	Yr Built/Renovated	: 2011 /					
Area Sq Ft	: 12,500	Project Type	: NEW YORK PUBLIC LIBRARY					
Date of Survey	: 08-Jan-2013	Landmark Status	: NONE					
Areas Surveyed	: Basement, Roof, Floors 1,mez							
Block	: 5713 Lot : 123	BIN	: 2119474					

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Interior Architecture		\$43,700
Total		\$43,700
Priority C		\$43,700
Total		\$43,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture				
Interior Architecture	\$700	\$1,700		\$700
Electrical	\$1,400	\$1,400	\$1,200	\$1,200
Mechanical	\$2,900	\$1,500	\$2,300	\$1,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$8,900	\$8,500	\$7,400	\$6,900
Priority A				
Priority B	\$8,300	\$6,900	\$7,400	\$6,200
Priority C	\$700	\$1,700		\$700
Total	\$8,900	\$8,500	\$7,400	\$6,900



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 # : 14728

Architecture	Cur	Current Repair Future Replacement		М			
System Component Type	% of Fail Total (Ye	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls							
Cast in Place Concrete	20%		LIFE	* *	5	\$8,300	А
Masonry: Brick	25%		LIFE	* *	5	\$2,100	А
Metal Panel	20%		2050	* *	5-10	\$11,400	А
Window Wall	35%		2050	* *	5	\$10,800	А
Parapets							
Masonry: Brick	30%		LIFE	* *	5		А
Metal Panel	20%		2050	* *	5		A
Metal Rail	50%		2041	* *	5-10		A
Roof	2004		2022	* *	10		
IRMA/Protected Membrane	20%		2032	* *	10		А
	Water Penetrati	on, Extent : Light, Area	Affected	: 5%			
	Location : Fir	st Floor Near Emergenc	y Exit At	East Side			
IRMA/Protected Membrane	65%		2032	* *	10		А
Memorane	Other Observati	on, Extent : Moderate, A	Area Affe	cted · 100%			
	Location : Thr						
		" Green " Roof Is Cover	ed With	Planting			
Sloped Glazing	15%		LIFE	* *	5		Α
Interior							
Floors							
Carpet	5%		2025	\$16,300	3	\$2,700	С
Cast in Place Concrete	35%		LIFE	* *	5	\$20,400	С
	Cracking/Crum	oling, Extent : Light, Are	ea Affect	ed : 10%			
	Location : Fir	st Floor At Column June	ctions				
		on, Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Thr	-					
	Explanation :	Polished Concrete					
Cast in Place Concrete	40%		LIFE	* *	5	\$23,300	С
Ceramic Tile	5%		2037	* *	5	\$1,300	С
Vinyl Tile	15%		2032	* *	3	\$1,500	С
Interior Walls							
Cast in Place Concrete	50%		LIFE	* *	_	.	C
Ceramic Tile	5%		2037	* *	5	\$1,000	C
Concrete Masonry Unit	10%		LIFE	* *	5	\$800	C
Glass: Single Pane	5%		LIFE	* *	5	\$800	C
Gypsum Board	15%		LIFE	* *	5	\$1,800	C C C
Metal Panel	10%		LIFE	* *	~	* 4 000	
Wood	5%		LIFE	* *	5	\$4,000	С

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 # : 14728

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Ceilings	5 0/					_	***	Ð
Exposed Concrete	5%			LIFE	* * *	5	\$200	B
Gypsum Board	10% Water Per	natration E	xtent : Light, Area	LIFE		5	\$3,300	В
			oor Near East Emer					
Metal Panel	75%			LIFE	* *	5	\$24,900	В
Wood	Location	ı : Commur	Extent : Moderate, A nity Room, Childrer ended Wood Slat Co	is Story I		5	\$23,300	В
Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority Code
Inder 600 Volts Service Equipment								
Fused Disc Sw		servation, E 1 : Electrico	Extent : Moderate, A ul Room	2050 Area Affe	* * cted : 100%	5	\$100	В
	Explana	tion : Main	Service Switch Rai	ted @ 80	0 Amperes			
Switchgear / Switchboard Fused Disc Sw	100%			2050	* *	5	\$100	В
Raceway Conduit	100%			2050	* *	1		В
Panelboards Molded Case Bkrs	100%			2046	* *	5	\$300	В
Wiring								
Thermoplastic	100%			2050	* *	1		В
Motor Controllers Locally Mounted	100%			2041	* *	5	\$100	В
				-		-		
Ground								
Ground Grounding Devices								
	100%			LIFE	* *	5	\$200	В
Grounding Devices Generic .ighting	100%			LIFE	* *	5	\$200	В
Grounding Devices Generic Jughting Interior Lighting								
Grounding Devices Generic .ighting	70%	- Esterio		2032	* *	5	\$200 \$8,000	B
Grounding Devices Generic Jughting Interior Lighting	70% T-8 Lamps		Aoderate, Area Affa out The Building	2032	* *			
Grounding Devices Generic Lighting Interior Lighting Fluorescent	70% T-8 Lamp Location			2032 fected : 10	* *	10	\$8,000	В
Grounding Devices Generic Lighting Interior Lighting	70% T-8 Lamps Location 30%	ı : Through		2032 ected : 10 2032	* * 00% * *			
Grounding Devices Generic Lighting Interior Lighting Fluorescent	70% T-8 Lamps Location 30% Other Obs	ı : Through servation, E	out The Building	2032 ected : 10 2032	* * 00% * *	10	\$8,000	В
Grounding Devices Generic Lighting Interior Lighting Fluorescent	70% T-8 Lamps Location 30% Other Obs Location	a : Through servation, E a : Through	out The Building	2032 ected : 10 2032 Area Affe	* * 00% * * cted : 100%	10	\$8,000	В
Grounding Devices Generic Lighting Interior Lighting Fluorescent Fluorescent Egress Lighting	70% T-8 Lamps Location 30% Other Obs Location Explana	a : Through servation, E a : Through	out The Building Extent : Moderate, A out The Building	2032 ected : 10 2032 Area Affe ight Fixtu	* * 20% * * cted : 100%	10	\$8,000	B
Generic Lighting Interior Lighting Fluorescent Fluorescent	70% T-8 Lamps Location 30% Other Obs Location	a : Through servation, E a : Through	out The Building Extent : Moderate, A out The Building	2032 ected : 10 2032 Area Affe	* * 00% * * cted : 100%	10	\$8,000	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.

Asset # : 14728

Electrical	(Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type		ail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
ighting							
Exterior Lighting							_
Fluorescent	50%		2032	**	10	\$600	В
		vation, Extent : Moderate, A Main Entrance	Area Affe	ected : 100%			
			aht Firt	1900			
		n : Compact Fluorescent Li		res **	10		
HID	50%		2032	Υ Ύ	10		В
Alarm Socurity System							
Security System Generic	100%		2032	* *	1	\$4,700	В
Generie		vation, Extent : Moderate, A		ected : 100%	1	ψ - ,700	D
		Inside And Outside The Bui					
		n : C C T V Surveillance C					
Fire/Smoke Detection	1						
Generic	100%		2032	* *	1-3	\$7,700	В
	Other Obser	vation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location :	Throughout The Building					
	Explanatic	n : Strobe Lights, Manual F	Pull Stati	on, Alarm Bells An	d Smoke	Detectors	
Mechanical		Current Repair	Futur	e Replacement	м	aintenance	
System							D • • 4
Component		ail Date Estimated Cost (Years)	Year FY	Estimated Cost	(Yrs)	Estimated Cost	Priority Cod
Туре	Total	(Tears)			(115)		Cou
leating							
Energy Source	100-						-
Natural Gas	100%		2050	* *	1		
							В
Conversion Equipment	1000/					* < 2 00	
Conversion Equipment Furnace	100%		2032	* *	1	\$6,200	В
	Other Obser	vation, Extent : Light, Area			1	\$6,200	
	Other Obser Location :	Part Of Roof Top Units			1	\$6,200	
Furnace	Other Obser	Part Of Roof Top Units			1	\$6,200	
Furnace	Other Obser Location :	Part Of Roof Top Units			1	\$6,200	
Furnace ir Conditioning Energy Source	Other Obser Location : Explanatio	Part Of Roof Top Units	Affected		1	\$6,200	В
Furnace ir Conditioning Energy Source Electricity	Other Obser Location :	Part Of Roof Top Units		: 100%	1	\$6,200	
Furnace Furnace Furnace Energy Source Electricity Conversion Equipment	Other Obser Location : Explanatio 100%	Part Of Roof Top Units	Affected	: 100%	1		B
Furnace Furnace ir Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Other Obser Location : Explanatio	Part Of Roof Top Units	Affected	* *	1 1 2	\$6,200 \$800	В
Furnace Furnace Furnace Energy Source Electricity Conversion Equipment	Other Obser Location : Explanatio 100%	Part Of Roof Top Units n : 2 Units	Affected 2046 2032	**	1		B
Furnace Furnace ir Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Other Obser Location : Explanatio 100%	Part Of Roof Top Units n : 2 Units rant, Extent : Light, Area A	Affected 2046 2032	**	1		B
Furnace Furnace Furnace Energy Source Electricity Conversion Equipment Ext Pkg Unit -	Other Obser Location : Explanatio 100% 100% R-22 Refrige	Part Of Roof Top Units n : 2 Units rant, Extent : Light, Area A	Affected 2046 2032	**	1		B
Furnace Fur	Other Obser Location : Explanatio 100% 100% R-22 Refrige	Part Of Roof Top Units n : 2 Units rant, Extent : Light, Area A	Affected 2046 2032	**	1		B
Furnace Fur	Other Obser Location : Explanatio 100% 100% R-22 Refrige	Part Of Roof Top Units n : 2 Units rant, Extent : Light, Area A	Affected 2046 2032	**	1		B
Furnace Fur	Other Obser Location : Explanatio 100% 100% R-22 Refrige Location :	Part Of Roof Top Units n : 2 Units rant, Extent : Light, Area A	Affected 2046 2032 ffected :	** ** 100%	1 2	\$800	B B B
Furnace Furnac Furnac Furnac Furnac Furnac Furnace Furnace Furnace Fur	Other Obser Location : Explanatio 100% 100% R-22 Refrige Location :	Part Of Roof Top Units n : 2 Units rant, Extent : Light, Area A	Affected 2046 2032 ffected :	** ** 100%	1 2	\$800	B B B
Furnace Fur	Other Obser Location : Explanatio 100% R-22 Refrige Location : 100%	Part Of Roof Top Units n : 2 Units rant, Extent : Light, Area A	Affected 2046 2032 ffected : LIFE	** ** 100% **	1 2 2-5	\$800	B B B
Furnace Furnac Furnac Furnac Furnac Furnac Furnace Fur	Other Obser Location : Explanatio 100% R-22 Refrige Location : 100%	Part Of Roof Top Units n : 2 Units rant, Extent : Light, Area A	Affected 2046 2032 ffected : LIFE	** ** 100% **	1 2 2-5	\$800	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 # : 14728

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year H FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Water Heater						
Electric	100%	2023	\$1,900	4	\$100	В
	Other Observation, Extent : Light, Ar	ea Affected :	100%			
	Location : Mechanical Room					
	Explanation : One Tank					
Sanitary Piping	1000/		* *	1		р
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping	1000/		* *	1		В
Cast Iron	100%	LIFE	-11-	1		В
Sump Pump(s)	1000/	2022	* *	4	¢2 500	р
Rigid Piping	100%	2032	• •	4	\$2,500	В
Sewage Ejector(s) Electric	100%	2032	* *	4	\$2.500	р
Backflow Preventer	100%	2052		4	\$2,500	В
Generic	100%	2032	* *	1	\$800	В
Fixtures	10070	2032		1	φ000	D
Generic	100%					В
Vertical Transport	10070					D
Elevators						
Hydraulic	100%	LIFE	* *			С
	Other Observation, Extent : Light, Ar		100%			C
	Location : At All Levels	55				
	Explanation : One Unit					
Fire Suppression	A					
Chemical System						
No Component	90%					D
Generic	10%	2023	\$2,500	1-3	\$5,100	В
	Other Observation, Extent : Light, Ar	ea 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 : 09-Sep-2014 NEW YORK PUBLIC LIBRARY - FY 2015

Asset Name	: LIBRARY FOR THE PERFORMING ARTS LINCOLN CENTER								
Address	40 LINCOLN CENTER PLAZA 111 AMSTERDAM AVE.								
Borough	: MANHATTAN	Agency's Number	: N/A						
Program / Asset #	: NPL0003.000 / 1926	Yr Built/Renovated	: 1964 / 2002						
Area Sq Ft	: 138,384	Project Type	: NEW YORK PUBLIC LIBRARY						
Date of Survey	: 27-Jul-2012	Landmark Status	: NONE						
Areas Surveyed	: Basement, Roof, Floors 1,2,3,4								
Block	: 1134 Lot : 25	BIN	: 1028832						

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$598,000	\$380,600
Interior Architecture	\$262,700	\$124,400
Electrical	\$102,400	\$186,100
Total	\$963,100	\$691,100
Priority A	\$598,000	\$380,600
Priority B	\$145,400	\$272,100
Priority C	\$219,700	\$38,400
Total	\$963,100	\$691,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture				\$2,000
Interior Architecture	\$234,400	\$4,900	\$9,800	\$44,200
Electrical	\$1,500		\$1,000	\$900
Mechanical	\$21,800	\$22,000	\$46,700	\$29,800
Elevators/Escalators	\$19,700	\$19,700	\$19,700	\$19,700
Total	\$277,500	\$46,600	\$77,300	\$96,700
Priority A				\$2,000
Priority B	\$43,100	\$41,700	\$77,300	\$50,400
Priority C	\$234,400	\$4,900		\$44,200
Total	\$277,500	\$46,600	\$77,300	\$96,700



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 # : 1926

		ASSEL #					
Architecture		Current Repair	Future	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Co (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
xterior							
Exterior Walls Masonry: Travertine	Location	Miss/Erod, Extent : Mod : Throughout hed in Use, Extent : Mod					А
	Location	: Facade Along Amsterda	am				
Pre-Cast Concrete		Now \$81,50 acks, Extent : Moderate, : Throughout Bulkhead		* * d : 10%	5	\$83,300	A
Window Wall	35%		2043	* *	5	\$336,300	А
Windows Aluminum	100%		2039	* *	5	\$4,000	А
Parapets Metal Rail	100%		2036	* *	5-10	\$237,500	А
Roof	20070		2000				
Single Ply Membrane		ctent : Moderate, Area Af : Around Bulkhead	2028 fected : 10%	* *	10	\$204,100	А
	Location Ponding, E	d/Misposn, Extent : Mode : Around Auditorium xtent : Moderate, Area A : Below Deck, Throughou	ffected : 20%	-			
Skylight, Metal/Glass	5%		2043	* *	10	\$35,800	А
terior							
Floors Carpet		4+ \$193,00 led, Extent : Light, Area A : Throughout All Floors		\$965,200	3	\$117,900	C
Cast in Place Concrete	5%		LIFE	* *	5	\$21,500	С
Ceramic Tile	5%		2032	* *	5	\$9,800	С
Terrazzo	-	0-2 \$219,7(Crumbling, Extent : Mode : Main Stairs		* * fected : 10%	5	\$38,400	С
		Cracks, Extent : Modera : 3rd Floor Corridor	te, Area Affeo	eted : 5%			
Vinyl Tile	Location	Now \$32,10 ervation, Extent : Modera : 3rd Floor Backstacks ion : 9x9 Tiles		* * cted : 25%	3	\$14,700	С
Wood	5%		2051	* *	5	\$18,400	С
Interior Walls	0,0				-	+ - 3, 0	-
Cast in Place Concrete	10%		LIFE	* *			С
Concrete Masonry Unit			LIFE	* *	5	\$4,200	С
Gypsum Board	15%		LIFE	* *	5	\$9,400	С
Travertine Panels	15%		LIFE	* *			С
Plaster	50%		LIFE	* *	5	\$15,700	С

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 # : 1926

Architecture		Current F	Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileConcealSpLn	35%			2028	* *	5	\$86,000	В
AcousTileSusp.Lay-In	10%			2028	* *	5	\$19,700	В
Exposed Concrete	15%			LIFE	* *	5	\$4,600	В
Gypsum Board	5%			LIFE	* *	5	\$12,300	В
Plaster	35%			LIFE	* *	5	\$43,000	В
Electrical		Current F	Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								

Service Equipment									
Fused Disc Sw	100%	2023	\$31,500	5	\$600	В			
	Other Observation, Extent	: Moderate, Area Affected	: 100%						
	Location : Basement								
	Explanation : One 5000 A	Amp Main Service							
Transformers									
Dry Type	100%	2036	* *	5	\$500	В			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Basement								
	Explanation : 2- 300 Kva	277/480v							
Switchgear / Switchboard									
Fused Disc Sw	90%	2023	\$82,900	5	\$500	В			
	Other Observation, Extent	: Moderate, Area Affected	: 100%						
	Location : Basement								
	Explanation : Located In	The Mechanical Room							
Fused Disc Sw	10%	2043	* *	5	\$100	В			
	Other Observation, Extent	: Moderate, Area Affected	: 100%						
	Location : First Floor A l	Level							
	Explanation : Located At	The First Floor							
Raceway									
Conduit	30%	2033	* *	1		В			
Conduit	50%	2043	* *	1		В			
Conduit	20%	2023	\$21,600	1		В			
Panelboards									
Molded Case Bkrs	50%	2031	* *	5	\$1,800	В			
Molded Case Bkrs	50%	2039	* *	5	\$1,800	В			
Wiring									
Thermoplastic	30%	2043	* *	1		В			
Thermoplastic	70%	2033	* *	1		В			
Motor Controllers									
Locally Mounted	50%	2036	* *	5	\$500	В			
Locally Mounted	30%	2028	* *	5	\$300	В			
Locally Mounted	20%	2021	\$32,900	5	\$200	В			
ind									

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

Asset # : 1926

ectrical	Cur	rent Repair	Futur	e Replacement	M	aintenance	
stem Component Type		Date Estimated Cos ears)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Coo
ound							
Grounding Devices	1000/			* *	~	¢ 2 000	л
Generic	100% Other Observat Location : Ba Explanation :		LIFE , Area Affe	* * ected : 100%	5	\$2,000	В
ghting							
Interior Lighting	950/		2029	* *	10	¢102 400	л
Fluorescent	Location : Th	0		ected : 100%	10	\$102,400	В
		Using T-5 And T-8 La					
HID Incandescent	5% 10%		2028 2028	* *	10 2	\$200 \$300	B B
incandescent		tion, Extent : Moderate			Z	\$200	В
		illery And Auditorium	,				
	Explanation : Dimmers Pan	All Incandescent Light el Switch	ting At Auc	litorium And Galle	ry Conto	lled By Lutron	
Egress Lighting							
Emergency, Service	70%		2028	* *	1		В
Exit, LED	30%		2051	* *	1		В
Exterior Lighting HID	100%		2023	\$48,700	10	\$400	В
arm Security System Not Accessible	100%						D
Fire/Smoke Detection Not Accessible	100%						D
Not Accessible	10070						D
echanical	Cur	rent Repair	Futur	e Replacement	M	aintenance	
stem Component Type		Date Estimated Cos ears)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori Co
ating							
Energy Source							
Utility Steam	100%		2043	* *	1		В
Conversion Equipment						***	-
Heat Exchanger	50%	in Francis Links An	2032	* *	1	\$32,500	В
	Location : Li	tion, Extent : Light, Are	га Ајјестеа	: 100%			
		Equipment Is Located	Outside T	he Library			
Dues Deducine Value/L		Equipment is Elocated	2032	**	5	\$3,900	В
Pres. Reducing Valve/LI			A.CC . 1	• 100%			
Steam	Other Observat	tion. Extent : Light Ard	ea Attecter				
•	Other Observat Location : Lit	tion, Extent : Light, Are 1001 Center	ea Affectea	. 100/0			
•	Location : Lir	-					
•	Location : Lir	icoln Center					
Steam	Location : Lir	icoln Center			4	\$1,900	В

Estimates are rounded to the nearest hundred dollars.

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

Asset # : 1926

Mechanical	Current Repair Future Replacement				Maintenance		
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Air Conditioning							
Energy Source						_	
District C.W.	100%	2043	* *	1		В	
Distribution	1000/	20.42	* *	4	¢ < 700	D	
Chilled Wtr Pipe/Pump	100%	2043	* *	4	\$6,500	В	
Terminal Devices Air Handler/Cool/Ht	100%	2031	* *	1	\$81,200	В	
Yentilation	10070	2031		1	\$81,200	D	
Distribution							
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$73,200	В	
Exhaust Fans	10070			23	\$75,200	D	
Interior	100%	2028	* *	2	\$4,000	В	
lumbing					1)		
H/C Water Piping							
Galv Iron/Steel	100%	2028	* *	1		В	
HW Heat Exchanger							
HTHW/HW	100%	2043	* *			В	
	Other Observation, Extent : Lig	ght, Area Affected	: 100%				
	Location : Lincoln Center						
	Explanation : Equipment Is I	ocated Outside Th	e Library				
Sanitary Piping							
Cast Iron	100%	LIFE	* *	1		В	
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1		В	
Sewage Ejector(s)	1000				* 4 4 9 9	-	
Compressed Air	100%	2043	* *	4	\$1,600	В	
Backflow Preventer	1000/	2020	de de		\$0.000	P	
Generic	100%	2028	* *	1	\$8,000	В	
Fixtures	1000/					р	
Generic	100%					В	
Vertical Transport							
Elevators Hydraulic	100%	LIFE	* *			С	
Hydraulic	Other Observation, Extent : Li					C	
	Location : Basement : 3rd Fl		. 10070				
	Explanation : 4 Units	001					
ire Suppression	Expression . + Onus						
Standpipe							
Generic	100%	2043	* *	1-5	\$68,700	В	
Sprinkler		-0.0			÷00,700	-	
No Component	40%					D	
Generic	60%	2043	* *	1-2	\$22,100	B	
Fire Pump					,,_ 30	_	
Generic	100%	2032	* *	1	\$24,500	В	
	Other Observation, Extent : Lig		: 100%				
	Location : Lincoln Center						
	Explanation : Equipment Is L	ocated Outside Th	e Library				

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

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

NEW YORK PUBLIC LIBRARY - FY 2015 Print Date: 09-Sep-2014

Asset Name	: MID-MANHATTAN BRANCH LIBR	MID-MANHATTAN BRANCH LIBRARY							
Address	: 455 FIFTH AVE. @ E. 40TH ST.								
Borough	: MANHATTAN	Agency's Number	: N/A						
Program / Asset #	: NPL0012.000 / 4226	Yr Built/Renovated	: 1916 / 2003						
Area Sq Ft	: 159,880	Project Type	: NEW YORK PUBLIC LIBRARY						
Date of Survey	: 22-May-2014	Landmark Status	: NONE						
Areas Surveyed	: Basement, Roof, Floors 1,3,5,7	Basement, Roof, Floors 1,3,5,7							
Block	: 869 Lot : 74	BIN	: 1017602						

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$113,400	\$307,300
Interior Architecture	\$698,000	\$493,000
Electrical	\$148,800	\$1,201,800
Mechanical	\$87,300	\$6,520,400
Total	\$1,047,400	\$8,522,500
Priority A	\$113,400	\$307,300
Priority B	\$301,300	\$7,805,900
Priority C	\$632,800	\$409,300
Total	\$1,047,400	\$8,522,500

Total	\$709,600	\$118,600	\$94,500	\$180,100
Priority C	\$492,000			\$69,200
Priority B	\$164,800	\$118,600	\$94,500	\$111,000
Priority A	\$52,800			
Total	\$709,600	\$118,600	\$94,500	\$180,100
Elevators/Escalators	\$37,900	\$37,900	\$37,900	\$37,900
Mechanical	\$54,300	\$78,600	\$52,700	\$69,700
Electrical	\$38,000	\$2,100	\$4,000	\$3,300
Interior Architecture	\$526,500			\$69,200
Exterior Architecture	\$52,800			
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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 # : 4226

rchitecture	Current Repair Future Replacement					Maintenance		
stem Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Co	
terior								
Exterior Walls								
Copper/Terne	5%		2060	* *	10	\$14,000	А	
	Recent Repair Evident, Location : Throughout	-	a Affec	cted : 00%				
Masonry: Brick	25%		LIFE	* *	5	\$59,600	А	
	Recent Repair Evident, Location : Throughout		a Affec	eted : 66%				
Masonry: Limestone	60%		LIFE	* *	5	\$107,300	А	
Granite Panels	5%		LIFE	* *	5	\$8,900	А	
	Recent Repair Evident, Location : Throughout	-	a Affec	eted : 66%				
Window Wall	5%		2045	* *	5	\$22,400	А	
Windows								
Aluminum	30%		2041	* *	5	\$10,200	А	
Metal Clad	70% 0-2 Corrosion/Rusting, Exte	. ,	2033	* *	5	\$74,600	А	
	Deformed/Dented, Exter Location : Bulkheads Unit Inoperable, Extent Location : Bulkheads,	: Moderate, Area						
Parapets								
Copper/Terne	38%		2045	* *	5	\$7,900	А	
Copper/Terne	10%		2060	* *	5	\$2,100	Α	
Masonry: Brick	50%		LIFE	* *	5-10	\$14,600	Α	
	Spalling, Extent : Light, Location : Interior Fac		1%0					
Masonry: Limestone	<u>2%</u>		LIFE	* *	5-10	\$1,000	A	
Roof	2.70				5-10	\$1,000	Л	
Modified Bitumen	95%		2030	* *	10	\$44,800	А	
Skylight, Metal/Glass	2%		2025	\$134,100	10	\$3,100	A	
• • •	Other Observation, Exte Location : Throughout	ent : Light, Area A						
	Explanation : 4							
Skylight, Plastic	3%		2038	* *	1		Α	
	Other Observation, Exte Location : Throughout		ffected	: 100%				
	Explanation : 1							

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 # : 4226

Architecture	Curre	Current Repair Future Replacement			М		
System Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior			•				
Floors							
Carpet	47% Now		2024	\$1,380,600	3	\$168,700	С
	-	ct Damage, Extent : Se	vere, Are	ea Affected : 20%			
	Location : Thro	-					
Cast in Place Concrete	10% Now	. ,	LIFE	* *	5	\$52,300	С
		n, Extent : Severe, Are		d : 10%			
		nanical Space At Penth		1 500/			
		n, Extent : Severe, Are		ed : 50%			
		nanical Space At Penth Vater From Mechanica		out Is On Floor			
Commin Tile				**	5	¢< 000	C
Ceramic Tile		\$66,900 ing, Extent : Severe, A	2034 rea Affei		5	\$6,000	С
	Location : Thro	-	reu Ajjet	.ieu . 10070			
Donal/Dovor Con/Drl		ugnoui	2041	* *	5	\$64,600	C
Panel/Paver: Cer/Brk Marble Panels	12% 3%		LIFE	* *	5 5	\$64,600 \$10,800	C C
Vinyl Tile	15%		2025	\$293,500	3	\$17,900	C
Vinyl Tile	5% Now	\$97,800	2025	\$295,500	3	\$4,500	C
vingt the		ing, Extent : Moderate		ffected : 25%	5	ψ1,500	C
	Location : 6th F	0	- J				
	Water Penetratio	n, Extent : Moderate, A	rea Affe	cted : 25%			
	Location : 6th F	loor					
Wood	3% Now	\$227,700	2065	* *	5	\$6,700	С
	Deteriorated Fin Location : Pent	sh, Extent : Moderate,	Area Afj	fected : 100%			
	Dry Rot/Decay, Extent : Moderate, Area Affected : 15%						
	Location : Pent		55				
	Worn/Eroded, Ex	tent : Moderate, Area	Affected	: 50%			
	Location : Pent	houses					
Interior Walls							
Ceramic Tile	5%		2034	* *	5	\$13,900	С
Concrete Masonry Unit	10%		LIFE	* *	5	\$22,300	С
Glass: Single Pane	2%		LIFE	* *	5	\$8,300	С
Gypsum Board	38%		LIFE	* *	5-10	\$179,700	C
Masonry: Brick	10%	#05 000	LIFE	* *	10	\$8,300	C
Plaster	10% Now		LIFE	* *	5	\$8,300	С
	Cracking/Crumbling, Extent : Moderate, Area Affected : 35% Location : Penthouses						
		sh, Extent : Moderate,	Area Af	fected · 25%			
	Location : Pent		пси Ајј	ecieu . 2570			
Plaster	25%		LIFE	* *	5-10	\$59,100	С
r lastel	<i>LJ</i> %		LIFE		5-10	\$39,10U	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 # : 4226

Architecture	Current Re	Current Repair		Future Replacement		aintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
nterior									
Ceilings									
AcousTileSusp.Lay-In	70% 0-2	\$65,200	2038	* *	5	\$83,800	В		
	Cracking/Crumbling, I Location : Throughout	-	a Affecte	ed : 10%					
Exposed Concrete	10% Now	\$14,800	LIFE	* *	5	\$3,700	В		
r	Cracking/Crumbling, I			fected : 10%		. ,			
	Location : Penthouse	2							
	Exposed Reinforcemen	nt, Extent : Severe	Area Af	fected : 10%					
	Location : Penthouse	2							
Gypsum Board	10% 0-2	\$4,700	LIFE	* *	5	\$29,900	В		
× 1	Water Penetration, Extent : Light, Area Affected : 5%								
	Location : Throughout	ut							
Plaster	10% Now	\$15,100	LIFE	* *	5	\$15,000	В		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
	Location : Penthouse	25							
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Stairs								

ectrical		Current R	epair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ler 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	\$33,600	2055	* *	5	\$300	В
	On Extende	ed Life, Ext	ent : Moderate, A	rea Affec	ted : 100%			
	Location	: Electrica	l Room					
	Other Obse	ervation, Ex	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Electrica	l Room					
	Explanat	ion : Two E	Electrical Services	Rated @	4000 Amps And 2	000 Amp	<i>s</i>	
Switchgear / Switchboard	-				-			
Fused Disc Sw	80%	2-4	\$86,000	2055	* *	5	\$300	В
	On Extende	ed Life, Ext	ent : Moderate, A	rea Affec	ted : 100%			
	Location	: Electrica	l Room					
Fused Disc Sw	20%			2025	\$21,500	5	\$100	В
Raceway								
Conduit	20%			2035	* *	1		В
Conduit	80%			2025	\$111,000	1		В
Panelboards								
Fused Disc Sw	5%			2024	\$5,800	5	\$200	В
Molded Case Bkrs	40%			2033	* *	5	\$1,700	В
Molded Case Bkrs	55%			2024	\$64,000	5	\$2,300	В

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 # : 4226

Electrical	C	urrent R	epair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Inder 600 Volts								
Wiring	10-1		* 1* 0.00					
Braided Cloth	Insulation Ag		\$62,800 at : Moderate, Are ut The Building	2050 a Affecte	* * d : 100%	1		В
Thermoplastic	30%			2035	* *	1		В
Thermoplastic	30%			2025	\$47,100	1		В
Motor Controllers								
Locally Mounted	69%			2023	\$136,200	5	\$700	В
Motor Control Center	30%			2023	\$59,200	5	\$1,300	В
Variable Frequency	1%			2045	* *			В
Drive								
iround								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$4,700	В
ighting								
Interior Lighting								
Fluorescent	70%			2025	\$560,000	10	\$102,600	В
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
		-	-					
	Explanation	ı : Using	T-8 Lamps					
Fluorescent	10%			2030	* *	10	\$14,700	В
			tent : Moderate, A	Area Affe	cted : 100%			
			ut The Building					
	Explanation	ı : Compo	act Fluorescent La	amps				
Fluorescent	20%			2030	* *	10	\$29,300	В
	Other Observ Location : 5		tent : Moderate, A	Area Affe	cted : 100%			
	Explanation	ı : Using	T-8 Lamps					
Egress Lighting								
Emergency, Battery	50%			2025	\$27,900	10	\$19,300	В
Exit, LED	5%			2053	* *	1		В
Exit, Service	45%			2025	\$10,100	1		В
Exterior Lighting								
HID	100%			2025	\$56,200	10	\$500	В
larm								
Security System								
No Component	65%							D
Generic	35%			2030	* *	1	\$20,900	В
Fire/Smoke Detection								
No Component	60%							D
Generic, Digital	40%			2030	* *			В
Mechanical	C	urrent R	epair	Futur	e Replacement	M	aintenance	
System Component	% of Fa	il Date	Estimated Cost	Year	Estimated Cost	Cycle	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 # : 4226

lechanical		Current I	Repair	Futur	e Replacement	Replacement Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
eating								
Energy Source								
Utility Steam	100%			2035	* *	1		В
		ervation, E 1 : Through	Extent : Light, Area out	Affected	: 100%			
		-	n Con Edison					
Conversion Equipment								
Pres. Reducing Valve/LI Steam	P 100%			2028	* *	5	\$9,500	В
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 40%			
	Location	ı : Basemer	nt					
	Explana	tion : 1 Ver	ry Old Heat Exchar	nger				
Distribution	4004			2024	¢200.000	A	64 700	ъ
Hot Wtr Piping/Pump	40%			2024	\$308,900	4	\$4,700	B
Steam Piping/Pump	60%			2025	\$644,100	4	\$7,100	В
Terminal Devices	600/	N	¢0,000	2020	\$407.400	1	¢52 400	р
Air Handler	60%	Now	\$9,900	2020	\$497,400	1	\$53,400	В
			: Moderate, Area A From Drip Pan	Ајјестеа :	5%			
		6		Affected	1.600/			
		iea Lije, Ex 1 : Various	tent : Severe, Area Areas	Ајјестеа	2:00%			
		i. various	Areus	2022	¢2(2,100	1	¢12.000	D
Convector/Radiator	25%			2023	\$363,100	1	\$12,900	B
Fan Coil Unit/Heat	15%			2020	\$345,300	1	\$7,800	В
r Conditioning								
Energy Source Utility Steam	70%			2035	* *	1		В
Electricity	70% 30%			2033	* *	1		B
Conversion Equipment	30%			2033		1		В
Absorption	70%			2021	\$354,800	1	\$121,100	В
Chiller/Steam/HW	7070			2021	\$554,000	1	\$121,100	D
Chinel/Steam/1100	Other Obs	ervation. F	Extent : Light, Area	Affected	: 70%			
		ı : Basemer	-	55				
	Explana	tion : 3 Un	its					
Split Unit	30%			2020	\$212,900			В
Spir Olin		igerant Ex	tent : Light, Area A					Ъ
		i : Basemer	0	jjeered i	2070			
Distribution								
Chilled Wtr Pipe/Pump	70%			2025	\$526,000	4	\$8,300	В
No Component	30%			2020	<i>QC</i> 2 0,000	•	\$0,200	D
Terminal Devices								
Air Handler/Cool/Ht	70%			2020	\$457,200	1	\$69,200	В
Fan Coil - Cooling	30%			2020	\$355,200	1	\$15,500	B
Heat Rejection	, 0				, ,		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-
Water Cool Tower	100%			2029	* *	2	\$160,900	В
entilation				-				
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$141,200	В

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 # : 4226

Mechanical	ASSEL # . Current Repair		e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)		Estimated Cost		Estimated Cost	Priority Code
/entilation						
Exhaust Fans						
Interior	95%	2020	\$161,500	2	\$4,700	В
Roof	5%	2020	\$6,100	2	\$200	В
Plumbing						
H/C Water Piping Brass/Copper	100%	2025	\$459,200	1		В
Diass/Copper	On Extended Life, Extent : Severe, Ar			1		Б
	Location : Circulating Pump	curijjeereu	. 570			
HW Heat Exchanger						
Low Temp	100% 0-2 \$47,700	2055	* *	4	\$15,800	В
1	Corroded, Extent : Severe, Area Affect					
	Location : Basement					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Sump Pump(s) Rigid Piping	100%	2025	\$10,600	4	\$2,500	В
Sewage Ejector(s) Electric	100%	2020	\$10,600	4	\$2,500	В
Fixtures						
Generic	100%					В
/ertical Transport						
Elevators						
Geared Traction	90%	LIFE	* *			С
	Other Observation, Extent : Light, Ar Location : B-6 Explanation : 4 Passenger Elevator		: 90%			
I Industria	10%		* *			C
Hydraulic	10% Other Observation, Extent : Light, Ar	LIFE				С
	Location : B-1	еи Ајјестеи	. 1070			
	Explanation : 1 Freight					
Escalators						
Under 20' Rise	100%	LIFE	* *			С
	Other Observation, Extent : Light, Ar	ea Affected	: 100%			
	Location : At Front Entrance					
	Explanation : 1 Unit, Floors 1 - 2					
Fire Suppression						
Standpipe	1000/	0005	als -t-		\$22	F
Generic	100%	2035	* *	1-5	\$80,600	В
Sprinkler	100%	2025	\$1 705 200	1.0	¢11 000	р
Generic	100%	2025	\$1,795,200	1-2	\$44,800	В

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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 : 09-Sep-2014 NEW YORK PUBLIC LIBRARY - FY 2015

Asset Name	: MORNINGSIDE HEIGHTS BRANC	H LIBRARY	
Address	: 2900 BROADWAY @ W.113 ST		
Borough	: MANHATTAN	Agency's Number	: N/A
Program / Asset #	: NPL0016.000 / 13638	Yr Built/Renovated	: 2001 /
Area Sq Ft	: 17,777	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 20-May-2014	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1,2		
Block	: 1885 Lot : 7501	BIN	: 1057018

CAPITAL

Total	 		
Priority			
Total			

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Interior Architecture	\$55,300		\$8,000	\$1,300
Electrical	\$500	\$300	\$300	\$300
Mechanical	\$8,700	\$4,000	\$4,600	\$3,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$68,500	\$8,200	\$16,900	\$8,700
Priority B	\$42,200	\$8,200	\$15,600	\$7,400
Priority C	\$26,200		\$1,300	\$1,300
Total	\$68,500	\$8,200	\$16,900	\$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.

NEW YORK PUBLIC LIBRARY - 035 MORNINGSIDE HEIGHTS BRANCH LIBRARY

Asset # : 13638

			Asset # : 13	000				
Architecture		Current F	Repair	Futu	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
nterior								
Floors								
Carpet	10%			2024	\$32,700	3	\$4,000	С
Ceramic Tile	10%			2034	* *	5	\$2,700	С
Panel/Paver: Bluestone	20%			LIFE	* *	5	\$8,000	С
Sheet Vinyl/Rubber	60%			2030	* *	5	\$23,900	С
Interior Walls								
Gypsum Board	100%			LIFE	* *	5-10	\$34,300	С
Ceilings								
AcousTileSusp.Lay-In	50%			2038	* *	5	\$13,300	В
Gypsum Board	50%			LIFE	* *	5-10	\$45,700	В
Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component	Total	(Years)	Listinuteu Cost	FY	Listimuted Cost	(Yrs)	Listinuteu Cost	Cod
Туре		· · ·						
Jnder 600 Volts								
Service Equipment	1000				de de	_	¢100	P
Fused Disc Sw	100%			2045	* *	5	\$100	В
			Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Electrica						
	Explana	tion : 1- 40	0 Amps Main Disco	onnect S	witch			
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	\$100	В
Raceway								
Conduit	100%			2045	* *	1		В
Panelboards								
Fused Disc Sw	10%			2041	* *	5		В
Molded Case Bkrs	90%			2041	* *	5	\$400	В
Wiring								
Thermoplastic	100%			2045	* *	1		В
Motor Controllers								
Locally Mounted	100%			2038	* *	5	\$100	В
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	20%			2033	* *	10	\$3,300	В
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Through	out The Building					
	Explana	tion : T-5 L	amps					
Fluorescent	80%			2033	* *	10	\$13,000	В
			Extent : Moderate, A		ected : 100%	-	, - , - , - , - , - , - , - , - , -	
		ı : Through		55 -				
		tion : T-8 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.

NEW YORK PUBLIC LIBRARY - 035 MORNINGSIDE HEIGHTS BRANCH LIBRARY

Asset # : 13638

			Asset # : 13	030				
Electrical		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
Lighting								
Egress Lighting	500/			2020	* *	10	\$2 100	р
Emergency, Battery Exit, LED	50% 50%			2030 2053	* *	10 1	\$2,100	B B
Exterior Lighting	50%			2055		1		D
HID	100%			2030	* *	10	\$100	В
Alarm								
Security System								
No Component	60%							D
Generic	40%			2035	* *	1	\$2,700	В
Fire/Smoke Detection	1000/			2020	* *			P
Generic, Digital	100%			2030	Υ Υ 			В
Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)		Cod
Heating								
Energy Source								
Campus Steam	100%			2035	* *	1		В
	Other Obs	servation, E	Extent : Light, Area	Affected	: 100%			
	Location	ı : Through	out					
	Explana	tion : Stean	n Is Supplied By Co	olumbia	University			
Distribution								
Steam Piping/Pump	100%			2045	* *	4	\$1,300	В
Terminal Devices								_
Air Handler	90%			2030	* *	1	\$9,900	B
Convector/Radiator	10%			2038	* *	1	\$600	В
Air Conditioning Distribution								
Chilled Wtr Pipe/Pump	100%			2045	* *	4	\$1,300	В
Terminal Devices	100/0			2043		-	φ1,500	D
Air Handler/Cool/Ht	100%			2030	* *	1	\$11,000	В
Ventilation	100/0			2000			<i><i><i>q</i>11,000</i></i>	5
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$15,700	В
Exhaust Fans								
Interior	100%			2030	* *	2	\$500	В
lumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		В
Sanitary Piping	400							-
Cast Iron	100%			LIFE	* *	1		В
Fixtures	1000/							п
Generic Vertical Transport	100%							В

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.

NEW YORK PUBLIC LIBRARY - 035 MORNINGSIDE HEIGHTS BRANCH LIBRARY

Asset # : 13638

Mechanical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estim FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			С
	Other Observation, Extent : Light, Ar	ea Affected : 100%	6			
	Location : $B, G, 2$					
	Explanation : One Unit					
Fire Suppression						
Standpipe						
Generic	100%	2045	* *	1-5	\$9,000	В
Sprinkler						
Generic	100%	2045	* *	1-2	\$5,000	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.

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

NEW YORK PUBLIC LIBRARY - FY 2015 Print Date: 09-Sep-2014

Asset Name	: SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE							
Address	: 515 MALCOLM X BOULEVARD @W.	135 STREET						
Borough	: MANHATTAN	Agency's Number	: N/A					
Program / Asset #	: NPL0002.000 / 1925	Yr Built/Renovated	: 1975 / 2006					
Area Sq Ft	: 40,150	Project Type	: NEW YORK PUBLIC LIBRARY					
Date of Survey	: 26-Jul-2012	Landmark Status	: NONE					
Areas Surveyed	: Basement, Roof, Floors 1,2,3,4							
Block	: 1920 Lot : 29	BIN	: 1058276					

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$97,500	\$94,700
Interior Architecture	\$88,700	\$93,300
Electrical		\$114,400
Mechanical		\$36,200
Total	\$186,300	\$338,600
Priority A	\$97,500	\$94,700
Priority B	\$88,700	\$150,600
Priority C		\$93,300
Total	\$186,300	\$338,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$20,600		\$9,300	
Interior Architecture	\$14,300	\$3,600	\$11,100	\$7,100
Electrical	\$1,800	\$1,100	\$5,900	\$1,400
Mechanical	\$18,700	\$18,500	\$13,600	\$20,500
Elevators/Escalators	\$9,900	\$9,900	\$9,900	\$9,900
Total	\$65,300	\$33,100	\$49,800	\$39,000
Priority A	\$20,600		\$9,300	
Priority B	\$37,600	\$29,500	\$36,500	\$31,900
Priority C	\$7,100	\$3,600	\$3,900	\$7,100
Total	\$65,300	\$33,100	\$49,800	\$39,000



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

NEW YORK PUBLIC LIBRARY - 035 SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE

Asset # : 1925

rchitecture	Current Repair			Futur	e Replacement	Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
xterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	\$94,700	Α
Window Wall	5%			2043	* *	5	\$18,700	Α
Windows	0.50	N	\$07.500	2021	* *	-	AC 100	
Aluminum	Location Water Per	ation, Exter n : Through netration, E	Extent : Moderate, A		l : 50%	5	\$6,100	A
		n : Through						
		-	ng, Extent : Modera	te, Area	Affected : 50%			
		n : Through	eout					
Glass Block	5%			LIFE	* *	5	\$400	Α
Parapets	2 5 1				ste ste	_	\$1.2 00	
Masonry: Brick	35%			LIFE	* *	5	\$1,300	A
Metal Rail	35%		¢ 2 400	2036	* *	5-10	\$23,200	A
Metal Rail	Location Deteriora	n/Rusting, E n : Parapet. ted Finish,	\$2,400 Extent : Moderate, A s Above Langston H Extent : Moderate, s Above Langston H	lughes W Area Afj	cted : 25% ⁷ ing fected : 35%	5	\$6,500	A
		-		-	**	5	¢1.200	•
Pre-Cast Concrete		Crumbling	\$300 , Extent : Light, Are out Coping	LIFE a Affecte		5	\$1,200	A
Roof								
Built-Up (BUR)	35%			2023	\$32,200	10	\$7,300	А
Modified Bitumen	Location Ponding,	Extent : Moo n : Through Extent : Mo	\$3,800 derate, Area Affecte out oderate, Area Affect Rooftop Units					A
terior								
Floors								
Carpet	25%			2022	\$175,000	3	\$28,500	С
Cast in Place Concrete	25%			LIFE	* *	5	\$31,200	С
Ceramic Tile	5%			2032	* *	5	\$2,900	С
Cork Tile	5%			2033	* *	5	\$2,500	С
Marble Panels	5%			LIFE	* *	5	\$2,100	С
Terrazzo	10%			LIFE	* *	5	\$4,500	С
Vinyl Tile	20%			2023	\$93,300	3	\$4,300	С
Wood	5%			2038	* *	5	\$5,300	С

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

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

NEW YORK PUBLIC LIBRARY - 035 SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE

Asset # : 1925

		Asset # : 1925											
Architecture		Current F	Repair	Futur	e Replacement	Μ	Maintenance						
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod					
terior													
Interior Walls													
Ceramic Tile	5%			2032	* *	5	\$1,500	С					
Concrete Masonry Unit	25%			LIFE	* *	5	\$3,000	С					
		ence, Extent n : 4th Floo	t : Moderate, Area A r	Affected	: 10%								
Gypsum Board	60%			LIFE	* *	5	\$10,900	С					
Metal Panel	5%			LIFE	* *		. ,	С					
Wood	5%			LIFE	* *	5	\$6,100	С					
Ceilings							. ,						
AcousTileConcealSpLn	20%	Now	\$88,700	2043	* *	5	\$7,100	В					
L	Broken/M	issing Elen	ents, Extent : Seve	re, Area	Affected : 35%								
	Location	ı : 2nd Floo	or Manuscripts Are	а									
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 25%								
	Location	ı : 2nd Floo	or Manuscripts Are	a	-								
AcousTileConcealSpLn	20%			2028	* *	5	\$14,300	В					
AcousTileSusp.Lay-In	25%			2020	* *	5	\$14,300	B					
Exposed Concrete	30%			LIFE	* *	5	\$2,700	B					
Metal Panel	5%			LIFE	* *	5	\$3,600	B					
		Current F	Repair		e Replacement		aintenance						
ystem Component Type	% of Total		Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod					
nder 600 Volts													
Service Equipment													
Fused Disc Sw	50%			2033	* *	5	\$100	В					
i used Dise Sw			Extent : Moderate, A		ected : 100%	5	φισσ	В					
		n : Electrico											
			Service Protector	Rated @	2000 Amps								
Fused Disc Sw	50%			2049	**	5	\$100	В					
Pused Disc 5w			Extent : Moderate, A		ected · 100%	5	φ100	D					
		n : Electrica		n cu ngje									
			Service Protector	Rated @	2000 Amps								
Switchgear / Switchboard	Елрини	non . main	Service Trolector	Ruieu e	2000 / Imps								
Fused Disc Sw	50%			2033	* *	5	\$100	В					
Fused Disc Sw Fused Disc Sw	50%			2033	* *	5	\$100	B					
Raceway	5070			2047		5	ψ100	Б					
Conduit	80%			2033	* *	1		В					
Conduit	20%			2033	* *	1		B					
Panelboards	2070			2049		1		Б					
Fused Disc Sw	5%			2031	* *	5		В					
Molded Case Bkrs	5% 85%			2031	* *	5	\$900	B					
WORLD Case DKIS	0,5%			2031		5	\$900	D					

 Wiring
 2033
 * *
 1

 Thermoplastic
 20%
 2049
 * *
 1

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

* *

2045

5

\$100

В

В

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.

10%

Molded Case Bkrs

NEW YORK PUBLIC LIBRARY - 035 SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE

Asset # : 1925

			Asset # : 1	JZJ				
Electrical	Current Repair Future Replacement Maintenance							
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	•							
Motor Controllers								
Locally Mounted	10%			2036	* *	5		В
Motor Control Center	90%			2040	* *	5	\$1,000	В
Ground								
Grounding Devices	1000/				* *	F	¢	р
Generic	Location	ı : Basemer				5	\$600	В
	Explana	tion : Conn	nected To Metal Wa	ter Pipe				
Lighting								
Interior Lighting	CO 04			2022	¢114.400	10	¢ 21 000	D
Fluorescent	Location		Extent : Moderate, A cout The Building Lamps	2023 Area Affe	\$114,400 ected : 100%	10	\$21,000	В
Fluorescent	32%		1	2031	* *	10	\$11,200	В
	Location		Extent : Moderate, A out The Building Camps	пеи Ајје	cieu . 10076			
HID	3%			2023	\$4,000	10		В
Incandescent	5%			2023	\$9,500	2		В
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	\$4,600	В
Exit, LED	50%			2051	* *	1		В
Exterior Lighting	1000/			2020	* *	10	¢100	D
HID	100%			2028	Υ Ύ	10	\$100	В
Alarm Security System No Component	70%							D
Generic	30%			2031	* *	1	\$4,500	B
Fire/Smoke Detection	5070			2031		1	ψ - ,500	D
No Component	70%							D
Generic	30%			2031	* *	1-3	\$7,700	B
Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
Ieating								
Energy Source Natural 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.

NEW YORK PUBLIC LIBRARY - 035 SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE

Asset # : 1925

		ASSet # : 1		_			
Mechanical	Current Repair Futu			ture Replacement Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
leating	-						
Conversion Equipment							
Furnace	15%		2023	\$6,700	1	\$2,800	В
	Other Observation, I Location : Part Of Explanation : 6 Un	A C Units	Affected	: 15%			
Steam Boiler	85%		2040	* *	1	\$32,100	В
	Other Observation, I Location : Penthou Explanation : 2 Un	ise	Affected	: 100%			
Distribution							
Hot Wtr Piping/Pump	15%		2039	* *	4	\$300	В
Steam Piping/Pump	85%		2033	* *	4	\$2,400	В
Terminal Devices							
Air Handler	80%		2031	* *	1	\$18,900	В
Convector/Radiator	20%		2036	* *	1	\$2,500	В
Air Conditioning Energy Source							
Electricity	100%		2039	* *	1		В
Conversion Equipment Reciprocating	85%		2028	* *	1	\$15,000	В
Compr/Chiller	R-22 Refrigerant, Ex Location : Penthou		ffected :	100%			
Ext Pkg Unit - Heating/Cooling	15%		2023	\$36,200	2	\$400	В
	R-22 Refrigerant, Ex Location : Roof	tent : Light, Area A	ffected :	100%			
Distribution	0.50		20.42	ste ste		¢1.coo	P
Chilled Wtr Pipe/Pump	85%		2043	* *	4	\$1,600	В
No Component	15%						D
Terminal Devices	1000/		2021	ste ste		*?? < 0.0	р
Air Handler/Cool/Ht	100%		2031	* *	I	\$23,600	В
Heat Rejection	0.5%		2027	ste ste	•	\$22 <00	р
Water Cool Tower	85%		2027	* *	2	\$32,600	B
No Component	15%						D
Ventilation							
Distribution	1000/			* *	25	¢01 000	п
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$21,200	В
Exhaust Fans	950/		2021	* *	2	¢1 000	л
Interior	85%		2031		2	\$1,000	B
Roof	15%		2023	\$4,400	2	\$200	В
Plumbing H/C Water Piping	1000						-
Galv Iron/Steel	100%		2036	* *	1		В
Water Heater Gas Fired	100%		2022	\$8,500	2	\$600	В

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.

NEW YORK PUBLIC LIBRARY - 035 SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE

Asset # : 1925

Mechanical	Current Repair	Future Re	eplacement	M		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
HW Heat Exchanger						
Low Temp	100%	2043	* *	4	\$3,800	В
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Sump Pump(s)						
Submersible	100%	2016	\$6,400	4	\$2,500	В
Sewage Ejector(s)						
Electric	100%	2028	* *	4	\$2,500	В
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			С
	Other Observation, Extent : Light, A	Area Affected : 10	0%			
	Location : B-4					
	Explanation : Two Units					
Fire Suppression						
Standpipe						
No Component	50%					D
No Component	50%					D
Sprinkler						
No Component	50%					D
Generic	50%	2043	* *	1-2	\$5,300	В
Fire Pump						
Generic	100%	2032	* *	1	\$7,100	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.

NEW YORK PUBLIC LIBRARY - FY 2015 Print Date: 09-Sep-2014

Asset Name	: SCHOMBURG CENTER FOR RESEA	RCH MCKINN BI	.DG.
Address	: 515 MALCOLM X BOULEVARD @W	. 135 STREET	
Borough	: MANHATTAN	Agency's Number	: N/A
Program / Asset #	: NPL0002.010 / 2824	Yr Built/Renovated	: 1905 / 2006
Area Sq Ft	: 27,540	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 26-Jul-2012	Landmark Status	: EXTERIOR LANDMARK
Areas Surveyed	: Basement, Roof, Floors 1,2,3		
Block	: 1920 Lot : 29	BIN	: 1058276

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,208,500	\$246,200
Interior Architecture		\$49,000
Electrical		\$194,000
Mechanical		\$93,500
Total	\$1,208,500	\$582,700
Priority A	\$1,208,500	\$246,200
Priority B		\$287,500
Priority C		\$49,000
Total	\$1,208,500	\$582,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$27,100		\$17,100	\$2,200
Interior Architecture	\$61,500	\$5,500		\$10,400
Electrical	\$1,300	\$800	\$4,200	\$900
Mechanical	\$3,100	\$2,300	\$6,000	\$2,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$97,000	\$12,500	\$31,300	\$20,200
Priority A	\$27,100		\$17,100	\$2,200
Priority B	\$43,300	\$7,000	\$14,200	\$7,600
Priority C	\$26,600	\$5,500		\$10,400
Total	\$97,000	\$12,500	\$31,300	\$20,200



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 # : 2824

chitecture	Current	Repair	Futur	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							
Masonry: Brick	65% Now Jnt Mortar Miss/Ero Location : Through		LIFE e, Area A	* * Affected : 30%	5	\$54,400	А
Masonry: Limestone	35% Now Jnt Mortar Miss/Ero Location : Through		LIFE e, Area A	* * Affected : 10%	5	\$22,000	А
Windows							
Wood	100%		2031	* *	5	\$172,100	Α
Parapets							
Masonry: Brick	20% Now Jnt Mortar Miss/Ero Location : East An Vegetation Growth, J Location : Exterior Worn/Eroded, Exten Location : East An	d West Parapets Extent : Moderate, A Face Of East And t : Moderate, Area	Area Affe West Fac	ected : 10% cade	5	\$4,200	A
Masonry: Limestone	5%		LIFE	* *	5	\$1,300	А
Metal Cornice	25% Other Observation, 1 Location : South F Explanation : This	acade			10	\$17,100	А
Metal Rail	50% Now	\$14,900	2028	* *	5	\$75,100	А
	Corrosion/Rusting, I Location : Through	Extent : Moderate, A	Area Affe	cted : 10%		. ,	
Roof							
Built-Up (BUR)	50% Now Vegetation Growth, J Location : Highest Water Penetration, E Location : Highest	Roof, Over 3rd Flo Extent : Severe, Are	or a Affected				А
Built-Up (BUR)	25% Ponding, Extent : Ma Location : Around		2023 ted : 10%	\$30,600	10	\$6,300	А
Cement-Fiber Panel	25% Worn/Eroded, Exten Location : Sloped R		2019 eted : 25%	\$49,900	5	\$4,400	A

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.

Asset # : 2824

			Asset # : 2	824				
rchitecture	Current Repair Future Replace			e Replacement	ement Maintenance			
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori Co
erior								
Floors								
Carpet	30%		\$11,200	2022	\$224,900	3	\$25,100	С
			: Moderate, Area	Affected	: 15%			
	Location	1 : 1st Floo	r Schomburg Shop					
Cast in Place Concrete	5%			LIFE	* *	5	\$6,100	С
Ceramic Tile	5%			2032	* *	5	\$2,800	С
Terrazzo	15%			LIFE	* *	5	\$6,500	С
Vinyl Tile	30%		\$7,500	2028	* *	3	\$6,300	С
	-	-	Extent : Moderate	, Area Aj	ffected : 10%			
		ı : 3 Floor						
	-		Extent : Moderate, A	Area Affe	ected : 5%			
	-	ı : 3rd Floo	r Corridor					
Wood	15%			2051	* *	5	\$15,700	С
Interior Walls								
Ceramic Tile	5%			2032	* *	5	\$8,200	С
Concrete Masonry Unit	10%			LIFE	* *	5	\$6,500	С
Gypsum Board	50%			LIFE	* *	5	\$49,000	С
Plaster	35%			LIFE	* *	5	\$17,200	С
Ceilings	100/			2026	* *	-	\$22,200	р
AcousTileSusp.Lay-In	40%		\$22 000	2036	* *	5	\$22,300	B
AcousTileSusp.Lay-In	5% Bushaw (M		\$23,800	2043		5	\$1,400	В
		-	ents, Extent : Seve r Moving Image A			n Office		
			Extent : Severe, A			n Ojjice		
	-	-	r Moving Image A			n Office		
			xtent : Severe, Are			n Ojjice		
			r Moving Image A			n Office		
Exposed Struc: Steel	5%			LIFE	* *			В
Gypsum Board	30%			LIFE	* *	5	\$20,900	B
Plaster	20%			LIFE	* *	5	\$20,900	B
Taster	2070					5	ψ7,000	D
lectrical		Current F	Repair	Futur	e Replacement	М	aintenance	
vstem	% of	Eatl Data	Estimated Cost	Veer	Estimated Cost	Creale	Estimated Cost	Priori
Component	% 01 Total	(Years)	Estimated Cost	rear FY	Estimated Cost	(Yrs)	Estimated Cost	Co
Туре	Total	(10013)		11		(115)		Cu
nder 600 Volts								
Service Equipment					** *	_	*	-
Fused Disc Sw	100%			2023	\$3,400	5	\$100	В
			Extent : Moderate, A	Area Affe	ected : 100%			
		n : Basemen						
	Explana	tion : 1200	Amps					

	Explanation : 1200 Amps					
Switchgear / Switchboard						
Fused Disc Sw	100%	2023	\$50,500	5	\$100	В
Raceway						
Conduit	90%	2023	\$24,700	1		В
Conduit	10%	2049	* *	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 # : 2824

			Asset # : 20	524				
Electrical	Current Repair			Futur	e Replacement	Ma		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Inder 600 Volts								
Panelboards						_		_
Molded Case Bkrs	80%			2031	* * *	5	\$600	В
Molded Case Bkrs	20%			2045	***	5	\$100	В
Wiring Thermoplastic	80%			2033	* *	1		В
Thermoplastic	20%			2033	* *	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$17,600	5	\$200	В
round								
Grounding Devices								_
Not Accessible	100%							D
ighting								
Interior Lighting Fluorescent	95%			2023	\$143,500	10	\$24,000	В
Thuorescent		ervation. Ex	tent : Moderate, A		. ,	10	\$24,000	D
			ut The Building					
	Explana	tion : T-12 L	amps					
HID	5%			2023	\$5,300	10		В
Egress Lighting					-			
Emergency, Battery	50%			2028	* *	10	\$3,300	В
Exit, Service	50%			2028	* *	1		В
Exterior Lighting	1000/				¢10,000	10	\$100	P
HID	100%			2023	\$10,600	10	\$100	В
Alarm Security System								
No Component	70%							D
Generic	30%			2031	* *	1	\$3,100	B
Fire/Smoke Detection							. ,	
No Component	70%							D
Generic	30%			2031	* *	1-3	\$5,200	В
Mechanical		Current Re	epair	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
Ieating								•
Energy Source								
Natural Gas	100%			2043	* *	1		В
Conversion Equipment	0.001			0000	ste -1-	1	¢10.000	P
Furnace	80% Other Obj	amation F	tont . light Area	2028	* *	1	\$10,900	В
		servation, Ex 1 : A C Units	tent : Light, Area	лјјестед	. 100%			
		tion : 2 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 # : 2824

Machanical		Curront	ASSEL # . Zo Ponair		e Replacement	. M	aintenance	
Mechanical	Current Repair			Futur	e Replacement	IVI		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Distribution								
Hot Wtr Piping/Pump	20%			2031	* *	4	\$300	В
			Extent : Light, Area	Affected	: 20%			
		e : Various						
	Explana	tion : Supp	lied From Schombi	ırg Main	Bldg			
No Component	80%							D
Terminal Devices								
Convector/Radiator	20%			2028	* *	1	\$1,800	В
No Component	80%							D
Air Conditioning								
Energy Source	100%			2039	* *	1		В
Electricity	100%			2039		1		D
Conversion Equipment Int Pkg Unit - Cooling	25%			2021	\$93,500	2	\$400	В
Int Fkg Unit - Cooling		oerant Ex	tent : Light, Area A			2	\$400	D
		: Through		jjeereu .	10070			
Ext Dkg Unit Cooling	75%			2028	* *	2	\$1,300	В
Ext Pkg Unit - Cooling		aerant Fr	tent : Light, Area A			Z	\$1,500	D
	Location		ieni . Ligni, Areu A	<i><i><i>jjecieu</i></i> .</i>	10070			
Ventilation	Locanon	. 1005						
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$15,400	В
Exhaust Fans	100/0			211 2			<i>\</i>	2
Interior	60%			2023	\$19,300	2	\$500	В
Roof	40%			2023	\$9,200	2	\$300	В
Plumbing					. ,			
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		В
Water Heater								
Electric	100%			2022	\$4,500	4	\$200	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	\$2,500	В
Fixtures								-
Generic	100%							В
Vertical Transport								
Elevators	1000/			LIPP	* *			C
Hydraulic	100%	amation T	Setont , Tisht Amer	LIFE				С
			Extent : Light, Area ated In Langston H	00				
			-	ugnes H	u <i>11</i>			
	Explana	tion : One	Unit					

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 # : 2824

Mechanical	Curre	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail D Total (Yea	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression							
Standpipe							
No Component	50%						D
Generic	50%		2043	* *	1-5	\$7,200	В
Sprinkler							
No Component	50%						D
Generic	50%		2033	* *	1-2	\$3,900	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.

Print Date : 09-Sep-2014 NEW YORK PUBLIC LIBRARY - FY 2015

Asset Name	: SCIENCE, INDUSTRY AND BUSINE	SS LIBRARY
Address	: 188 MADISON AVENUE @ EAST 34	STREET
Borough	: MANHATTAN	Agency's Number : N/A
Program / Asset #	: NPL0013.000 / 4227	Yr Built/Renovated : 1906 / 1995
Area Sq Ft	: 183,000	Project Type : NEW YORK PUBLIC LIBRARY
Date of Survey	: 22-May-2014	Landmark Status : EXTERIOR LANDMARK
Areas Surveyed	: Floors 1,3,5	
Block	: 864 Lot : 7502	BIN : 1017097

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Interior Architecture	\$453,600	\$212,900
Electrical		\$151,400
Mechanical	\$43,000	\$3,763,900
Total	\$496,700	\$4,128,100
Priority B	\$356,700	\$4,051,800
Priority C	\$140,000	\$76,400
Total	\$496,700	\$4,128,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Interior Architecture	\$87,200		\$104,000	\$1,300
Electrical	\$6,700	\$2,400	\$4,900	\$2,400
Mechanical	\$40,600	\$63,200	\$32,900	\$67,600
Elevators/Escalators	\$23,700	\$23,700	\$23,700	\$23,700
Total	\$158,200	\$89,300	\$165,500	\$95,000
Priority B	\$97,000	\$89,300	\$61,500	\$93,700
Priority B Priority C	\$97,000 \$61,200	\$89,300	\$61,500 \$104,000	\$93,700 \$1,300



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

Asset # : 4227

Architecture		Current Re	pair	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 Code
Interior								
Floors								
Carpet	73%			2024	\$2,553,600	3	\$284,700	С
Cast in Place Concrete	5%			LIFE	* *	5	\$56,900	С
Ceramic Tile	1%			2034	* *	5	\$2,600	С
Terrazzo	10%			LIFE	* *	5	\$40,600	С
Vinyl Tile	10%			2030	* *	3	\$9,800	С
Wood	1%			2053	* *	5	\$4,900	С
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *	10	\$6,900	С
Ceramic Tile	5%			2038	* *	5	\$6,900	С
Gypsum Board	92%			LIFE	* *	5-10	\$216,400	С
Wood	1%			LIFE	* *	5	\$11,100	С
Ceilings								
AcousTileSusp.Lay-In	30%			2038	* *	5	\$78,000	В
Exposed Struc: Steel	20%			LIFE	* *	10	\$104,000	В
Gypsum Board	30%			LIFE	* *	5-10	\$268,100	В
Masonry: Infill Arch	20%			LIFE	* *	10	\$26,000	В

lectrical	Current Repai	r Future Repla	cement	M	aintenance	
vstem Component Type	% of Fail Date Est Total (Years)	mated Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2035	* *	5	\$800	В
	Other Observation, Extent	: Moderate, Area Affected : 10	00%			
	Location : Electrical Ro	om and a second s				
	Explanation : Two 1600	Amps Main Disconnect Switch				
Transformers						
Dry Type	100%	2030	* *	5	\$700	В
	Other Observation, Extent	: Moderate, Area Affected : 10	0%			
	Location : Electrical Ro	om				
	Explanation : 1- 1000 K	va 480hv-208lv				
Switchgear / Switchboard						
Fused Disc Sw	100%	2035	* *	5	\$800	В
Raceway						
Conduit	100%	2035	* *	1		В
Panelboards						
Fused Disc Sw	5%	2041	* *	5	\$200	В
Fused Disc Sw	5%	2033	* *	5	\$200	В
Molded Case Bkrs	60%	2041	* *	5	\$2,900	В
Molded Case Bkrs	30%	2033	* *	5	\$1,400	В
Wiring						
Thermoplastic	70%	2045	* *	1		В
Thermoplastic	30%	2035	* *	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.

Asset # : 4227

			Asset # : 42	227				
Electrical		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
Under 600 Volts								
Motor Controllers								
Locally Mounted	20%			2038	* *	5	\$200	В
Motor Control Center	60%			2038	* *	5	\$3,000	В
Variable Frequency	20%			2042	* *			В
Drive								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$5,400	В
Lighting								
Interior Lighting								
Fluorescent	25%			2030	* *	10	\$39,800	В
	-		Aoderate, Area Affe	ected : 10	00%			
		i : Through	out The Building					
Fluorescent	70%			2030	* *	10	\$111,500	В
			Aoderate, Area Affe	ected : 10	00%			
	Locatior	ı : Through	out The Building					
Incandescent	5%			2030	* *	2	\$200	В
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	\$21,000	В
Exit, LED	30%			2053	* *	1		В
Exit, Service	20%			2030	* *	1		В
Exterior Lighting HID	100%			2030	* *	10	\$600	В
Alarm								
Security System								
No Component	65%							D
Generic	35%			2033	* *	1	\$23,900	В
Fire/Smoke Detection								
No Component	65%							D
Generic, Digital	35%			2030	* *			В
Machanical		Current F	Popair	Eutur	e Replacement	M	aintenance	
Mechanical			•					
System Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Туре								
Heating								
Energy Source Utility Steam	100%			2035	* *	1		В
· · · · · · · · · · · · · · · · · · ·	100%			2033		1		d
Conversion Equipment Pres. Reducing Valve/LP	P 100%			2034	* *	5	\$10,300	В
Steam	100%			2034		5	\$10,500	D
Swalli	Other Ohe	ervation F	xtent : Light, Area	Affected	: 40%			
		i : Basemen		i ijjecieu	0/0			
			ı 11 Exchangers					
Distribution	слрини		u Laciungers					
Hot Wtr Piping/Pump	40%			2033	* *	4	\$5,100	В
Steam Piping/Pump	40% 60%			2033	* *	4	\$7,700	B
swam i iping/i unip	0070			20 4 J		+	φ7,700	U

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 # : 4227

ASSet # : 4227								
Mechanical		Current F	kepair	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								
Terminal Devices								
Air Handler	60%			2025	\$592,300	1	\$64,500	В
Convector/Radiator	30%			2030	* *	1	\$16,800	В
Fan Coil Unit/Heat	10%			2030	* *	1	\$5,600	В
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		В
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2023	\$2,358,000	2	\$10,600	В
Distribution								
Chilled Wtr Pipe/Pump	100%			2035	* *	4	\$8,600	В
Heat Rejection								
Water Cool Tower	100%			2023	\$525,600	2	\$174,800	В
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$153,400	В
Exhaust Fans								
Interior	100%			2025	\$202,400	2	\$5,300	В
Plumbing								
H/C Water Piping								
Brass/Copper	100%		\$10,900	2035	* *	1		В
			oderate, Area Affe	cted : 109	%			
	Location	ı : Water M	ain, Lower Level					
Water Heater								
Gas Fired	100%			2023	\$42,600	2	\$2,500	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sewage Ejector(s)								
Electric	100%			2025	\$11,700	4	\$2,500	В
Backflow Preventer								
Generic	100%			2025	\$17,800	1	\$10,600	В
Fixtures								
Generic	100%							В
Vertical Transport								
Elevators								_
Geared Traction	70%			LIFE	* *			С
			Extent : Light, Area	Affected	: 70%			
	Location							
		tion : 2 Fre	eight Units					
Hydraulic	30%			LIFE	* *			С
			Extent : Light, Area	Affected	: 30%			
		1 : L L- G						
	Explana	tion : 2 Pas	ss Units					

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 # : 4227

lechanical	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
ire Suppression							-
Standpipe							
Generic	100%		2045	* *	1-5	\$87,600	В
Sprinkler							
Generic	100%		2045	* *	1-2	\$48,700	В
Fire Pump							
Not Accessible	100%						D

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

Print Date : 09-Sep-2014 NEW YORK PUBLIC LIBRARY - FY 2015

Asset Name	: SEWARD PARK BRANCH LIBRARY	•	
Address	: 192 EAST BROADWAY @JEFFERSO	N ST.	
Borough	: MANHATTAN	Agency's Number	: N/A
Program / Asset #	: NPL0014.000 / 4228	Yr Built/Renovated	: 1909 / 2003
Area Sq Ft	: 19,681	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 25-Jun-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,3,4		
Block	: 311 Lot : 31	BIN	: 1004053

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture Mechanical	\$613,600	\$100,500 \$472,100
Total	\$613,600	\$572,500
Priority A Priority B	\$613,600	\$100,500 \$472,100
Total	\$613,600	\$572,500

FY 2016	FY 2017	FY 2018	FY 2019
\$45,700		\$10,500	
\$62,400			\$2,800
\$1,500	\$1,900	\$1,500	\$22,000
\$2,100	\$2,500	\$3,800	\$6,000
\$3,900	\$3,900	\$3,900	\$3,900
\$115,600	\$8,400	\$19,700	\$34,800
\$45 700		\$10,500	
\$15,700		+,	
\$26,100	\$8,400	\$9,200	\$32,000
	\$8,400		\$32,000 \$2,800
	\$45,700 \$62,400 \$1,500 \$2,100 \$3,900 \$115,600	\$45,700 \$62,400 \$1,500 \$1,900 \$2,100 \$2,500 \$3,900 \$3,900	\$45,700 \$10,500 \$62,400 \$1,500 \$1,500 \$1,900 \$1,500 \$2,100 \$2,500 \$3,800 \$3,900 \$3,900 \$3,900 \$115,600 \$8,400 \$19,700



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

Asset # : 4228

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	Priority Cod
terior								
Exterior Walls	65 0/	2.4	0116 700		ste ste	-	\$50,000	
Masonry: Brick		2-4 r Miss/Erod 1 : Through	\$146,700 l, Extent : Light, A out	LIFE rea Affec	* * ted : 10%	5	\$50,600	A
Masonry: Granite		2-4 r Miss/Eroo ı : Through	\$22,100 l, Extent : Light, Ai out	LIFE rea Affec	* * ted : 10%	5	\$2,900	A
Masonry: Limestone	25% Broken/M	2-4	\$226,800 hents, Extent : Ligh	LIFE t, Area A	* * ffected : 1%	5	\$14,600	A
Metal Panel		2-4 /Rusting, E a : Top Floo	\$1,300 Extent : Light, Area for Walls	2024 Affected	\$26,900 : 5%	5	\$7,300	А
Windows Wood	-		\$240,200 nt : Severe, Area Aj out	2049 ffected :	* *	5	\$33,200	А
Parapets								
Masonry: Brick		0-2 r Miss/Erod 1 : East Fac	\$900 d, Extent : Light, Ab cade	LIFE rea Affec	* * ted : 5%	5	\$300	А
Masonry: Limestone		2-4 r Miss/Eroo 1 : Through	\$21,300 l, Extent : Light, A out	LIFE rea Affec	* * ted : 5%	5	\$3,600	А
Roof		0						
Roll Roofing	100%			2023	\$49,900	5	\$21,000	Α
erior Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$6,400	С
Marble Panels	3%			LIFE	* *	5	\$700	С
Terrazzo	2%			LIFE	* *	5	\$500	С
Traffic Topping	-	2-4 Crumbling, 1 : Through	\$3,500 Extent : Light, Are out	2029 ea Affecte	* * ed : 20%	5	\$1,800	C
Vinyl Tile	-	2-4 Crumbling, 1 : Through	\$18,100 Extent : Light, Are out	2029 ea Affecte	* * ed : 10%	3	\$8,300	С
Interior Walls								
Plaster	-	0-2 Crumbling, 1 : Through	\$22,300 Extent : Light, Are out	LIFE ea Affecte	* * ed : 5%	5	\$17,300	С
Ceilings	1005	<u> </u>	¢10, 500	1 100		-	¢10,400	
Plaster	-	2-4 Crumbling, 1 : Through	\$18,600 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$18,400	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 # : 4228

Electrical	Current Repair Future Replacement Maintenance							
System	6 / 6							D • •
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Inder 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5		В
			Extent : Moderate, A	Area Affe	cted : 100%			
		1 : Electrico						
			1600 Amps Main D					
Fused Disc Sw	50%			2044	* *	5		В
Switchgear / Switchboard	1000/			2044	* *	~	¢100	P
Fused Disc Sw	100%			2044	* *	5	\$100	В
Raceway	1000/			2044	* *	1		р
Conduit Panelboards	100%			2044		1		В
Fused Disc Sw	5%			2040	* *	5		В
Molded Case Bkrs	95%			2040	* *	5	\$500	B
Wiring	7570			2040		5	φ500	D
Thermoplastic	100%			2044	* *	1		В
Motor Controllers								
Locally Mounted	100%			2037	* *	5	\$100	В
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	В
			Extent : Moderate, A	Area Affe	cted : 100%			
		ı : Boiler R						
	Explana	tion : Conn	ected With Main W	later Pip	е			
Lighting								
Interior Lighting	400/			2029	* *	10	¢7.000	р
Fluorescent	40% T 5 Lamp		Moderate Area Aff			10	\$7,200	В
	T-5 Lamps, Extent : Moderate, Area Affected : 40% Location : Throughout The Building							
Fluorescent	60%			2029	* *	10	\$10,800	В
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The Building							
	Explana	tion : T-8 I	amps					
Egress Lighting						4.0	* -	-
Emergency, Battery	50%			2029	* *	10	\$2,400	В
Exit, Service	50%			2029	* *	1		В
Exterior Lighting	1000/			2020	* *	10	¢100	ъ
HID	100%			2029	~ ~	10	\$100	В
Alarm Security System								
No Component	50%							D
Generic	50%			2032	* *	1	\$3,700	B
Fire/Smoke Detection	5070			2052		1	$\psi_{3}, 100$	U
Generic	100%			2029	* *	1-3	\$12,100	В
Generie	100/0			2027		13	ψ12,100	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.

Asset # : 4228

Mechanical System Component Type	Current Repair Fu				Future Replacement Maintenance			
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								•
Energy Source	1000/			a 0 a 4				P
Natural Gas	100%			2034	* *	1		В
Conversion Equipment Hot Water Boiler	1000/	Now	0002	2029	* *	1	000 90	р
Hot water Boller	100% Insul Det		\$900 Extent : Moderate,			1	\$8,800	В
		ı : Boiler R		ni cu ngj	2070			
			Extent : Light, Area	Affected	: 100%			
			nt Boiler Room					
	Explana	tion : 1 Uni	it					
Distribution	1							
Hot Wtr Piping/Pump	100%			2023	\$95,100	4	\$1,000	В
Terminal Devices								
Convector/Radiator	100%			2029	* *	1	\$6,400	В
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		В
Conversion Equipment								
Int Pkg Unit -	100%			2025	\$377,000	2	\$1,200	В
Heating/Cooling		·		<i>cc i</i> 1	1000/			
	-	igerant, Ext 1 : A C Roc	tent : Light, Area A	јјестеа :	100%			
Ventilation	Locuitor		ms					
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,000	В
Exhaust Fans	10070			LII L		23	\$11,000	D
Roof	100%			2029	* *	2	\$600	В
Plumbing							+ • • •	
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		В
Water Heater								
Electric	100%			2019	\$2,900	4	\$100	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Backflow Preventer								_
Generic	100%			2024	\$1,800	1	\$1,200	В
Fixtures	1000							P
Generic	100%							В
Vertical Transport								
Elevators	1000/			LIDE	* *			C
Hydraulic	100% Other Obs	provation E	Extent : Light, Area	LIFE Affected				С
	Location		мені . Ligni, Area	Ајјестей	. 100/0			
			it					
E: 0		tion : 1 Uni	it					

Fire Suppression

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 # : 4228

Mechanical	Curre	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression							
Sprinkler							
No Component	80%						D
Generic	20%		2034	* *	1-2	\$1,100	В
Fire Pump							
Generic	100%		2027	* *	1	\$3,700	В

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