Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: 115TH STREET BRANCH LIBRARY		
Address	: 203 WEST 115TH ST. NEAR ADAM C	LAYTON POWEL	L JR BLVD
Borough	: MANHATTAN	Agency's Number	: O01
Program / Asset #	: NPL0O01.000 / 13353	Yr Built/Renovated	: 1908 / 2006
Area Sq Ft	: 13,800	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 16-Jul-2013	Landmark Status	: EXTERIOR LANDMARK
Areas Surveyed	: Basement, Roof, Floors 1,2,3,4		
Block	: 1831 Lot : 26	BIN	: 1055236

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$47,600	
Electrical	\$4,900	
Mechanical		\$69,000
Total	\$52,500	\$69,000
Importance Code B	\$52,500	\$69,000
Total	\$52,500	\$69,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$13,200		\$6,200	\$1,200
Interior Architecture	\$2,100	\$700	\$8,700	\$30,200
Electrical	\$1,600	\$1,300	\$15,600	\$1,700
Mechanical	\$1,500	\$1,800	\$6,100	\$2,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$22,400	\$7,800	\$40,500	\$39,300
Importance Code A	\$13,900	\$700	\$6,900	\$1,900
Importance Code B	\$8,500	\$6,700	\$33,600	\$37,400
Importance Code C		\$400		
Total	\$22,400	\$7,800	\$40,500	\$39,300



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 # : 13353

Architecture		Current F	Repair	Futur	e Replacement	Μ	aintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior				•					
Exterior Walls									
Masonry: Brick	65%			LIFE	* *	5	\$21,400		
Masonry: Limestone	25%			LIFE	* *	5	\$6,200		
Metal Panel	10%			2034	* *	5-10	\$22,600		
Windows									
Aluminum	50%			2040	* *	5	\$2,500		
Wood	50%			2032	* *	5	\$25,000		
Parapets									
Cast Stone/Terra Cotta	5%			LIFE	* *	5	\$400		
Masonry: Brick	85%			LIFE	* *	5	\$900		
Masonry: Limestone	5%			LIFE	* *	5	\$100		
Slate	5%			LIFE	* *	5	\$100		
Roof									
Asphalt Shingle	45%			2027	* *	10	\$700		
Modified Bitumen	50%			2024	\$31,000	10	\$4,900		
Skylight, Metal/Glass	5%			2034	* *	10	\$1,600		
nterior									
Floors									
Carpet	10%			2020	\$28,600	3	\$4,100		
Cast in Place Concrete	7%			LIFE	* *	5	\$3,200		
Ceramic Tile	3%			2033	* *	5	\$600		
Marble Panels	5%			LIFE	* *	5	\$800		
Terrazzo	5%			LIFE	* *	5	\$800		
Vinyl Tile	25%	Now	\$47,600	2034	* *	3	\$1,900		
	Broken/M	issing Elem	ents, Extent : Seve	re, Area	Affected : 75%				
	Location	ı : Basemen	t						
	Poor Subf	loor Evider	nt, Extent : Severe,	Area Aff	ected : 100%				
	Location	n : Basemen	t						
	Water Per	etration, E	xtent : Severe, Area	a Affecte	d : 50%				
	Location	n : Basemen	t						
Wood	45%			2039	* *	5	\$17,400		
Interior Walls						-	1 . 7		
Ceramic Tile	3%			2033	* *	5	\$900		
Glass: Single Pane	5%			LIFE	* *	5	\$1,100		
Gypsum Board	15%			LIFE	* *	5	\$2,600		
Plaster	60%			LIFE	* *	5	\$5,200		
Wood	17%			LIFE	* *	5	\$19,500		
Ceilings	. , •						,		
AcousTile,Adhered	10%			2037	* *	5	\$2,100		
Plaster	90%			LIFE	* *	5	\$11,600		
	2.070					-	,,- 50		
Electrical		Current F	Repair	Futur	e Replacement	Μ	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Under 600 Volts

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

Asset # : 13353

Electrical		Current	Repair	Futur	e Replacement	М	aintenance	
system Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	\$100	
	Other Obs	servation, E	Extent : Moderate, 1	Area Affe	cted : 100%			
	Location	ı : Electrico	al Room					
	Explana	tion : Main	Service Switch Ra	ted @ 80	0 Amperes			
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	\$100	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5		
Molded Case Bkrs	95%			2040	* *	5	\$300	
Wiring	2070			20.0		U	4000	
Thermoplastic	100%			2044	* *	1		
Motor Controllers	10070			2011		1		
Locally Mounted	100%			2037	* *	5	\$100	
Bround	10070			2037		5	\$100	
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
	10070					5	\$200	
ighting Interior Lighting								
Interior Lighting Fluorescent	90%			2029	* *	10	¢11.400	
Fluorescent			Nodanata Anag Aff			10	\$11,400	
	-		Moderate, Area Aff	ectea : 10	00%			
		i : Inrougn	out The Building					
Fluorescent	5%			2029	* *	10	\$600	
			Moderate, Area Aff	ected : 10	00%			
	Locatior	1 : 3rd Floc	r					
Fluorescent	3%			2029	* *	10	\$400	
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	cted : 100%			
	Location	ı : Stair Ca	ses					
	Explana	tion : Com	pact Fluorescent L	ight Fixti	ures			
Fluorescent	1%			2019	\$4,900	10	\$100	
Tuorescent		ns Frtent ·	Moderate, Area Aj			10	\$100	
		1 : Electrico	6	jecieu .	10070			
. .		i. Liecinici	u Room		de de	-		
Incandescent	1%			2029	* *	2		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	\$1,700	
Exit, LED	30%			2052	* *	1		
Exit, Service	20%			2029	* *	1		
Exterior Lighting								
Incandescent	100%			2029	* *	2		
larm								
Security System								
Generic	100%			2032	* *	1	\$5,200	
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	ected : 100%		-	
			out The Building					
		-	sion Alarm System,	Motion	Sensors			
Note : All component repairs \$ esti						n		

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

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

Asset # : 13353

		A3361 # . 13					
Electrical	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
larm Fire/Smoke Detection							
Generic	Location : Thro	n, Extent : Moderate, A ughout The Building trobe Lights, Manual F			1-3 ectors	\$8,800	
Mechanical	Curre	nt Repair	Futur	e Replacement	М	aintenance	
System Component Type		ate Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating Energy Source							
Natural Gas		n, Extent : Severe, Are	2034 a Affecte	* * d : 1%	1		
	Location : Base Explanation : H	ment azard! Gas Meter Is L	ocated N	ext To Electrical C	Control B	oard	
Conversion Equipment		-					
Hot Water Boiler		n, Extent : Light, Area ment Boiler Room Unit	2029 Affected	* *	1	\$6,800	
Distribution Hot Wtr Piping/Pump	100%		2032	* *	4	\$700	
Terminal Devices Convector/Radiator	100%		2029	* *	1	\$4,500	
ir Conditioning	100%		2029		1	\$4,500	
Energy Source Electricity	100%		2032	* *	1		
Conversion Equipment Ext Pkg Unit - Cooling	100% R-22 Refrigerant, Location : Roof	Extent : Light, Area A	2024 ffected :	\$69,000 100%	2	\$800	
	Other Observatio Location : Roof	n, Extent : Light, Area	Affected	: 100%			
entilation	Explanation : 4	Kooj Top Units					
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,700	
Exhaust Fans Roof	100%		2024	\$11,900	2	\$400	_
lumbing H/C Water Piping	100%		2024	* *	1		
Brass/Copper Water Heater	100%		2034	* *	1		
Gas Fired	100%		2019	\$3,500	2	\$200	
Sanitary Piping Cast Iron	100%		LIFE	* *	1		

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

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

Asset # : 13353

Mechanical	Current Repair	Future Replace	ement	Μ	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : L	ight, Area Affected : 100%				
	Location : B-3					
	Explanation : 1 Unit					
Fire Suppression						
Sprinkler						
No Component	60%					
Generic	40%	2034	* *	1-2	\$1,500	
Fire Pump						
Generic	100%	2027	* *	1	\$2,600	

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: 125TH STREET BRANCH LIBRARY		
Address	: 224 EAST 125TH ST. NEAR THIRD A	VE.	
Borough	: MANHATTAN	Agency's Number	: O02
Program / Asset #	: NPL0O02.000 / 13354	Yr Built/Renovated	: 1904 / 2010
Area Sq Ft	: 14,013	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 17-Jun-2013	Landmark Status	: EXTERIOR LANDMARK
Areas Surveyed	: Basement, Roof, Floors 1,3		
Block	: 1789 Lot : 37	BIN	: 1054674

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$204,400	
Electrical		\$110,300
Mechanical	\$47,100	
Total	\$251,500	\$110,300
Importance Code A	\$204,400	
Importance Code B	\$47,100	\$110,300
Total	\$251,500	\$110,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$9,500		\$9,700	
Interior Architecture	\$41,100	\$1,500	\$500	\$211,000
Electrical	\$200	\$400	\$3,200	\$300
Mechanical	\$53,400	\$1,400	\$7,900	\$1,400
Total	\$104,200	\$3,300	\$21,300	\$212,700
Importance Code A	\$43,600	\$700	\$10,600	\$700
Importance Code B	\$50,100	\$1,600	\$10,700	\$212,000
Importance Code C	\$10,500	\$1,000		
Total	\$104,200	\$3,300	\$21,300	\$212,700



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

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

Asset # : 13354

chitecture	Current Repair Future Replacement					Maintenance		
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
erior								
Exterior Walls Masonry: Brick	75% Recent Repair Evider Location : Through		LIFE rea Affec	* * cted : 66%	5	\$21,100		
Masonry: Limestone	25% Now Cracking/Crumbling, Location : North Fa Jnt Mortar Miss/Eroa Location : North Fa Recent Repair Evider Location : Through	ucade I, Extent : Moderat ucade ut, Extent : Light, A	e, Area A	Affected : 25%	5	\$5,300		
Windows								
Aluminum	50% Now Unit Inoperable, Exte Location : Through		2040 a Affecte	* * ed : 50%	5	\$1,200		
Wood	50% 2-4 Split/Cracked, Extent Location : North Ar Worn/Eroded, Extent Location : North Fo	nd South Facades : Moderate, Area			5	\$12,500	2	
Parapets								
Masonry: Brick	65% Recent Repair Evider Location : Through	-	LIFE rea Affec	* * cted : 66%	5	\$800		
Masonry: Limestone	10% Now Jnt Mortar Miss/Eroc Location : North, E			* * Affected : 20%	5	\$200		
Metal Rail	25%		2022	\$8,600	5-10	\$5,400		
Roof								
Modified Bitumen	98% Recent Replace Evide Location : Through	-	2029 Area Affe	* * ected : 100%	10	\$9,700		
Skylight, Metal/Glass	2% 0-2 Broken/Missing Elem Location : Through		2034 re, Area	* * Affected : 40%				

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 # : 13354

terior Component Type terior Floors Carpet Ceramic Tile Vinyl Tile	Total 70% 5% 10% Broken/Mi Location	(Years) Now	Repair Estimated Cost		e Replacement Estimated Cost		aintenance Estimated Cost	Priority
Component Type terior Floors Carpet Ceramic Tile	Total 70% 5% 10% Broken/Mi Location	(Years) Now	Estimated Cost	FY	Estimated Cost	-	Estimated Cost	Priority
Floors Carpet Ceramic Tile	5% 10% Broken/Mi Location			2020				
Carpet Ceramic Tile	5% 10% Broken/Mi Location			2020				
Ceramic Tile	5% 10% Broken/Mi Location			2020				
	10% Broken/Mi Location				\$203,000	3	\$29,400	
Vinyl Tile	Broken/Mi Location			2033	* *	5	\$1,000	
	Location		\$19,300	2034	* *	3	\$800	
			ents, Extent : Mod	erate, Ar	ea Affected : 25%			
			e, Extent : Moderate	e, Area A	ffected : 35%			
		: Third Fl						
		ded, Extent : Third Fl	: Moderate, Area A oor	Affected	: 75%			
Vinyl Tile	15%			2029	* *	3	\$1,600	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$2,000	
Glass: Single Pane	5%			LIFE	* *	5	\$1,500	
Gypsum Board	10%			LIFE	* *	5	\$2,400	
Plaster	65%			LIFE	* *	5	\$7,800	
Plaster	15%	Now	\$10,500	LIFE	* *	5	\$1,800	
	Broken/Mi	issing Elem	ents, Extent : Mode	erate, Ar	ea Affected : 15%			
	Location	: First, Se	cond And Third Flo	oors				
		Crumbling, : Third Fl	Extent : Moderate oor	, Area Aj	ffected : 25%			
		etration, E : Third Fl	xtent : Moderate, A oor	rea Affe	cted : 10%			
Ceilings						_		
AcousTile,Adhered	5%			2029	* *	5	\$1,100	
AcousTileSusp.Lay-In	5%			2037	* *	5	\$1,100	
Exposed Concrete	10%			LIFE	* *	5	\$300	
Gypsum Board	10%			LIFE	* *	5	\$2,600	
Plaster	60%			LIFE	* *	5	\$7,900	
Plaster	10%	Now	\$3,000	LIFE	**	5	\$1,300	
		-	ents, Extent : Mode	erate, Ar	ea Affected : 10%			
		-	out 3rd Floor					
	-	-	Extent : Moderate	, Area Aj	fected : 20%			
		: Third Fl		4 66	1 200/			
		etration, E : Third Fl	xtent : Moderate, A oor	rea Affe	cted : 20%			
lectrical		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts	•			•				•
Service Equipment Molded Case Bkrs	100%			2024	\$1,600	5	\$400	

Location : Electrical Room

Explanation : One 400 Amps Main Disconnect Switch

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

Asset # : 13354

		A3561 # . 1					
Electrical		Current Repair	Future Replacement Maintenance				
System Component Type		ail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Switchgear / Switchboard							
Molded Case Bkrs	100%		2024	\$35,000	5	\$400	
Raceway							
Conduit	95%		2024	\$32,300	1		
Conduit	5%		2050	* *	1		
Panelboards				* • • • •	_		
Fused Disc Sw	5%		2023	\$800	5	* 4 • • •	
Molded Case Bkrs	25%		2040	* *	5	\$100	
Molded Case Bkrs	70%		2023	\$11,300	5	\$300	
Wiring	2004		2011	ste ste			
Thermoplastic	20%		2044	* *	1		
Thermoplastic	5%		2050		1		
Thermoplastic Motor Controllers	75%		2024	\$22,500	1		
	80%		2022	\$26,200	5	\$100	
Locally Mounted Locally Mounted	80% 20%		2022	\$26,200 * *	5 5	\$100	
Ground	20%		2041		5		
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
ighting	10070				5	φ200	
Interior Lighting							
Fluorescent	65%		2034	* *	10	\$8,400	
	T-5 Lamps, H	Extent : Moderate, Area Aj	ffected : 7	0%		. ,	
	Location :	Throughout The Building					
Fluorescent	20%		2029	* *	10	\$2,600	
	T-8 Lamps, I	Extent : Moderate, Area Aj Offices & Basement		5%		+_,	
Fluorescent	5%		2024	\$25,100	10	\$600	
1 hubreseent		Extent : Moderate, Area A			10	φ000	
	Location :		-55				
Incandescent	10%		2024	\$50,200	2		
Egress Lighting	1070		2024	\$50,200	2		
Egress Eighting Emergency, Service	70%		2024	\$5,200	1		
Exit, Service	30%		2024	\$700	1		
Exterior Lighting	5070		2024	φ/00	1		
HID	100%		2029	* *	10		
Alarm	100/0		2027		10		
Security System							
No Component	60%						
Generic	40%		2034	* *	1	\$2,100	
Maakaal							
Mechanical		Current Repair		e Replacement		aintenance	
System Component Type		ail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Heating

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 # : 13354

ASSEL # . 15554									
Mechanical	Current	Repair	Futur	e Replacement	М				
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit		
leating									
Energy Source									
Natural Gas	100%		2044	* *	1				
	Other Observation, Location : In Vaul	-		: 100%					
Conversion Equipment	Explanation . Old	Ou Tank Is Shu I re	eseni						
Conversion Equipment Hot Water Boiler	100% Now On Extended Life, E Location : One Bo		2044 Affected	* *	1	\$6,200			
Distribution									
Hot Wtr Piping/Pump	100% Now Insul. Deteriorating Location : Boiler I		2032 Area Aff	* * Fected : 2%	4	\$700			
Terminal Devices									
Convector/Radiator	100%		2029	* *	1	\$4,500			
Air Conditioning									
Energy Source Electricity	100%		2040	* *	1				
Terminal Devices									
Direct Expansion	100%		2019	\$47,100	1				
		Extent : Light, Area In Basement, One U nits With Refrigeran	Unit In 2n		al Room				
Heat Rejection									
Air Condenser Unit	100% Now	\$9,100	2029	* *	2	\$7,800			
	Corroded, Extent : S								
	-	Air Condenser Unit	-						
	Other Observation,	-							
		Are Located In Side	e Yard - O	one Unit Is Located	l On Roo	f			
	Explanation : 3 Un	nits							
entilation									
Distribution	1000/		LICE	* *	2.5	¢7.900			
Ductwork/Diffusers	100%		LIFE		2-5	\$7,800			
Exhaust Fans	100%		2024	¢16 000	2	\$400			
Interior	100%		2024	\$16,800	2	\$400			
lumbing H/C Water Piping									
Galv Iron/Steel	100%		2029	* *	1				
Water Heater	10070		2027		1				
Gas Fired	100%		2019	\$3,500	2	\$200			
Sanitary Piping	10070		2017	φ3,500	-	φ200			
Cast Iron	100%		LIFE	* *	1				
Sump Pump(s)	10070				•				
Submersible	100%		2017	\$7,200	4	\$2,500			
Fixtures	*			+ - ,= 9 0	-	+=,= 30			
Generic	100%								
ire Suppression	*								

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 # : 13354

Mechanical	Curren	t Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Dat Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression							
Sprinkler							
No Component	60%						
Generic	40%		2034	* *	1-2	\$1,600	

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

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

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: 67TH STREET BRANCH LIBRARY		
Address	: 328 EAST 67TH ST. @SECOND AVE.		
Borough	: MANHATTAN	Agency's Number	: S04
Program / Asset #	: NPL0S04.000 / 13366	Yr Built/Renovated	: 1905 / 2005
Area Sq Ft	: 16,482	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 16-Jul-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2,3,4		
Block	: 1441 Lot : 38	BIN	: 1044749

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$60,700	
Interior Architecture	\$116,100	
Electrical	\$10,800	
Mechanical		\$86,200
Total	\$187,600	\$86,200
Importance Code A	\$60,700	
Importance Code B	\$126,900	\$86,200
Total	\$187,600	\$86,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$28,000		\$1,400	\$1,900
Interior Architecture	\$40,900	\$400		\$800
Electrical	\$1,900	\$1,500	\$18,800	\$2,100
Mechanical	\$1,600	\$1,300	\$2,900	\$2,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$76,400	\$7,200	\$26,900	\$11,000
Importance Code A	\$28,800	\$800	\$2,200	\$2,700
Importance Code B	\$41,100	\$6,400	\$24,700	\$8,300
Importance Code C	\$6,400			
Total	\$76,400	\$7,200	\$26,900	\$11,000



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

Asset # : 13366

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls			* ••••••			_	* 2 (22	
Masonry: Brick			\$28,000 l, Extent : Light, Ai ucade	LIFE rea Affec	* * ted : 10%	5	\$9,400	
Masonry: Granite	5%			LIFE	* *	5	\$500	
Masonry: Limestone	25%			LIFE	* *	5	\$2,700	
Metal Panel	5%			2034	* *	5-10	\$5,000	
Windows								
Aluminum	100%			2040	* *	5	\$3,800	
Parapets					<u>.</u>	-	+·	
Masonry: Brick	85%			LIFE	* *	5	\$700	
Masonry: Limestone	5%			LIFE	* *	5	\$100	
Masonry: Limestone	10%			LIFE	* *	5	\$100	
Roof Modified Bitumen	Location Seams Op Location Worn/Ero	1 : Over Old en/Split, Ex 1 : Over Old	\$60,700 lerate, Area Affecto l Apartment tent : Moderate, A l Apartment : Moderate, Area A out	rea Affec	rted : 10%			
nterior								
Floors	1.00/				* *	F	¢5 400	
Cast in Place Concrete Ceramic Tile	10% 3%			LIFE 2033	* *	5 5	\$5,400 \$700	
Marble Panels	5%	Now	\$17,700	LIFE	* *	5	\$900	
Martice 1 allers	Cracking/		Extent : Moderate		ffected : 25%	5	\$900	
Terrazzo	5%			LIFE	* *	5	\$1,000	
Vinyl Tile	25%			2029	* *	3	\$3,100	
Wood	47%	Now	\$75,800	2039	* *	5	\$10,900	
		ted Finish, 1 : Through	Extent : Moderate, out	Area Afj	fected : 25%			
Wood	Locatior	issing Elem 1 : Old Apar				5	\$1,200	
		ecay, Exter 1 : Old Apar	ıt : Severe, Area A <u>j</u> rtment	fected : 1	25%			

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

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

Asset # : 13366

rchitecture	Curr	ent Repair	Futu	Future Replacement Maintenance		aintenance		
stem Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
erior								
Interior Walls								
Ceramic Tile	5%		2027	* *	5	\$800		
Gypsum Board	15%		LIFE	* *	5	\$1,400		
Plaster	70%		LIFE	* *	5	\$3,200		
Plaster	5% No	w \$6,000	LIFE	* *	5	\$200		
	Location : Old Loose/Delam Su Location : Old	rface, Extent : Severe,	Area Affe	ected : 50%				
Wood	5%		LIFE	* *	5	\$3,000		
Ceilings								
Plaster	95%		LIFE	* *	5	\$14,600		
Plaster	5% No	w \$16,000	LIFE	* *	5	\$800		
	Broken/Missing Elements, Extent : Severe, Area Affected : 25% Location : Old Apartment Loose/Delam Surface, Extent : Severe, Area Affected : 50% Location : Old Apartment Water Penetration, Extent : Moderate, Area Affected : 20% Location : Old Apartment							

Electrical	Cur	rent Repair	Future Replacement		M	Maintenance	
System Component Type	% of Fail Total (Ye	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2044	* *	5	\$100	
	Other Observat	ion, Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Ele	ctrical Room					
	Explanation :	Main Service Switch Ra	ted @ 80	0 Amperes			
Switchgear / Switchboard							
Fused Disc Sw	100%		2044	* *	5	\$100	
Raceway							
Conduit	50%		2024	\$15,500	1		
Conduit	50%		2044	* *	1		
Panelboards							
Fused Disc Sw	2%		2040	* *	5		
Molded Case Bkrs	98%		2040	* *	5	\$400	
Wiring							
Thermoplastic	70%		2044	* *	1		
Thermoplastic	30%		2024	\$8,200	1		
Motor Controllers				•			
Locally Mounted	80%		2037	* *	5	\$100	
Locally Mounted	20%		2029	* *	5		
Ground							
Grounding Devices							
Not Accessible	100%						

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

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

Asset # : 13366

Electrical	Current Repair	Future	Replacement	Μ	aintenance			
System Component Type	% of Fail Date Estimated Cos Total (Years)		Estimated Cost		Estimated Cost	Priorit		
ighting								
Interior Lighting								
Fluorescent	82%	2029	* *	10	\$12,400			
	Other Observation, Extent : Moderate	, Area Affec	cted : 100%					
	Location : Throughout The Building							
	Explanation : Compact Fluorescent	-						
Fluorescent	12%	2029	* *	10	\$1,800			
	T-5 Lamps, Extent : Moderate, Area A	ffected : 10	0%					
	Location : Stair Cases							
Fluorescent	4%	2029	* *	10	\$600			
	T-8 Lamps, Extent : Moderate, Area Affected : 100%							
	Location : Offices							
Fluorescent	2%	2019	\$10,800	10	\$300			
	T-12 Lamps, Extent : Moderate, Area Location : Basement	Affected : 1	00%					
Egress Lighting								
Emergency, Battery	50%	2029	* *	10	\$2,000			
Exit, LED	50%	2052	* *	1				
Exterior Lighting								
HID	100%	2029	* *	10	\$100			
larm								
Security System								
Generic	100%	2029	* *	1	\$6,200			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The Building							
	Explanation : C C T V Surveillance	Cameras						
Fire/Smoke Detection								
Generic	100%	2029	* *	1-3	\$10,500			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The Building							
	Explanation : Smoke Detectors, Mar	ual Pull Sto	ation And Strobe	Lights				

Mechanical	Current Repair	Future R	eplacement	M	aintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating								
Energy Source Natural Gas	100%	2034	* *	1				
Conversion Equipment								
Furnace	70%	2024	\$14,000	1	\$5,700			
	Other Observation, Extent : Light, Area Affected : 70%							
	Location : Roof							
	Explanation : 4 Roof Top Package	Units						
Hot Water Boiler	30%	2029	* *	1	\$2,400			
	Other Observation, Extent : Light, Area Affected : 30%							
	Location : Basement Boiler Room							
	Explanation : 1 Unit							

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

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

Asset # : 13366

Mechanical	Curre	ent Repair	Futur	e Replacement	M		
System Component Type	% of Fail D Total (Yea	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
leating							
Distribution							
Hot Wtr Piping/Pump	30%		2032	* *	4	\$200	
No Component	70%						
Terminal Devices							
Convector/Radiator	30%		2029	* *	1	\$1,600	
No Component	70%						
ir Conditioning							
Energy Source							
Electricity	100%		2040	* *	1		
Conversion Equipment							
Ext Pkg Unit -	80%		2024	\$86,200	2	\$800	
Heating/Cooling							
		, Extent : Light, Area A	ffected :	80%			
	Location : Roof						
		on, Extent : Light, Area	Affected	: 80%			
	Location : Roof						
	Explanation : 4	Roof Top Package Un	its				
Split Unit	20%		2029	* *			
-	R-22 Refrigerant	, Extent : Light, Area A	ffected :	20%			
	Location : Roof						
Terminal Devices							
Fan Coil - Cooling	20%		2029	* *	1	\$1,100	
No Component	80%						
Heat Rejection							
Air Condenser Unit	20%		2029	* *	2	\$2,300	
No Component	80%						
entilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$9,200	
Exhaust Fans							
Roof	100%		2024	\$13,000	2	\$500	
umbing							
H/C Water Piping							
Brass/Copper	100%		2044	* *	1		
Water Heater							
Gas Fired	100%		2023	\$3,800	2	\$200	
Sanitary Piping				. ,			
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	/ *				-		
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	20070				1		
Rigid Piping	100%		2024	\$11,000	4	\$1,600	
Fixtures	20070		202 r	<i>\(\mathcal{L}\)</i>	•	ψ1,000	
Generic	100%						
ertical Transport	100/0						

Vertical Transport

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

Asset # : 13366

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Vertical Transport				
Elevators				
Hydraulic	100%	LIFE **		
	Other Observation, Extent : Light, Area	Affected : 100%		
	Location : B-3			
	Explanation : 1 Unit			

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

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

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: 96TH STREET BRANCH LIBRARY		
Address	: 112 EAST 96TH ST. NEAR PARK AVI	Ε.	
Borough	: MANHATTAN	Agency's Number	: N02
Program / Asset #	: NPL0N02.000 / 13352	Yr Built/Renovated	: 1905 / 2013
Area Sq Ft	: 13,615	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 05-Mar-2008	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2,3		
Block	: 1524 Lot : 64	BIN	: 1048501

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$41,400
Interior Architecture	\$57,900	
Electrical	\$446,400	
Mechanical		\$62,300
Total	\$504,200	\$103,700
Importance Code A		\$41,400
Importance Code B	\$504,200	\$62,300
Total	\$504,200	\$103,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$6,600			
Interior Architecture	\$167,700		\$900	\$6,400
Electrical	\$48,800	\$7,500	\$49,100	
Mechanical	\$3,200	\$1,400	\$2,500	\$2,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$230,400	\$12,800	\$56,400	\$12,500
Importance Code A	\$7,300	\$700	\$2,200	\$700
Importance Code B	\$223,100	\$12,100	\$54,300	\$11,800
Importance Code C				
Total	\$230,400	\$12,800	\$56,400	\$12,500



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

Asset # : 13352

			Asset # : 13	5352				
Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior				•				•
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$29,600	
Masonry: Limestone	25%			LIFE	* *	5	\$7,400	
Windows								
Aluminum	100%			2027	* *	5	\$4,700	
Parapets								
Masonry: Brick	Location Misaligne	r Miss/Eroo 1 : Through	Extent : Moderate,			5	\$1,500	
Masonry: Limestone	10%	-		LIFE	* *	5	\$200	
Roof	1070			LIIL		5	\$200	
Built-Up (BUR)	100%			2024	\$41,400	10	\$9,100	
terior	10070			2021	¢11,100	10	ψ,100	
Floors								
Carpet	65%			2017	\$161,400	3	\$25,500	
Vinyl Tile	35%			2019	\$57,900	3	\$2,600	
Interior Walls					+,	-	+_,	
Plaster	100%			LIFE	* *	5	\$11,100	
Ceilings						-	+,	
Plaster	100%			LIFE	* *	5	\$12,300	
lectrical		Current	Ponair	Eutur	e Replacement	м	aintenance	
ystem								
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2019	\$1,500	5	\$100	
			Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Electrico						
	Explana	tion : One o	800 Amps Main Di	sconnect	Switch			
Switchgear / Switchboard								
Fused Disc Sw	100%			2019	\$32,000	5	\$100	
Raceway								
Conduit	30%			2019	\$9,300	1		
Conduit	70%			2029	* *	1		
Panelboards								
Molded Case Bkrs	50%			2018	\$7,400	5	\$200	
Molded Case Bkrs	50%			2027	* *	5	\$200	
Wiring Braided Cloth			\$8,200 ent : Moderate, Are out	2044 ea Affecte	* * ed : 100%	1		
Thermoplastic	70%			2029	* *	1		
Thermoplastic	/0%			2029		1		

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

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

Asset # : 13352

		Asset # : 13	535Z				
Electrical	Current Repair		Futur	e Replacement	M		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Motor Controllers					_		
Locally Mounted	100%		2017	\$29,900	5	\$100	
Ground							
Grounding Devices	1000/						
Not Accessible	100%						
ighting							
Interior Lighting Fluorescent	50%		2019	\$223,200	10	\$6,200	
Fluorescent		ervation, Extent : Moderate, A			10	\$0,200	
		ervation, Extent : Moderate, 7 : Throughout	пей Ајје	cieu : 10070			
		tion : Using T-8 Lamps					
		tion . Using 1-0 Lumps	2017	¢222.200	10	¢c 200	
Fluorescent	50%	ervation, Extent : Moderate, A	2017	\$223,200	10	\$6,200	
		ervation, Extent : Moderate, 7 : Throughout	Areu Ajje	cieu . 10070			
		tion : Using T-12 Lamps					
Egress Lighting	Елрини	tion . Using 1-12 Edmps					
Emergency, Service	50%		2017	\$3,300	1		
Exit, Service	50%		2017	\$1,000	1		
	2070		2017	\$1,000	1		
Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System	% of	Fail Date Estimated Cost	Vear	Estimated Cost	Cycle	Estimated Cost	Priority
Component	Total	(Years)	FY	Limated Cost	(Yrs)	Listimuted Cost	1 1101103
Туре		~ /			. ,		
Heating							
Energy Source	1000/		2020	ste ste			
Natural Gas	100%		2039	* *	1		
Conversion Equipment	1000		2022	* *		.	
Hot Water Boiler	100%		2032	* *	1	\$6,700	
Distribution	1000		2025			•- • •	
Hot Wtr Piping/Pump	100%		2035	* *	4	\$700	
Terminal Devices	1000		2022			.	
Convector/Radiator	100%		2032	* *	1	\$4,400	
Air Conditioning							
Energy Source	1000/		2025	* *	1		
Electricity	100%		2035	* *	1		

Electricity	100%	2035	* *	1	
Conversion Equipment					
Ext Pkg Unit - Cooling	100%	2024	\$62,300	2	\$800
Ventilation					
Distribution					
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$7,600
Exhaust Fans					
Roof	100%	2024	\$10,700	2	\$400
Plumbing					
H/C Water Piping					
Galv Iron/Steel	100%	2032	* *	1	
Water Heater					
Electric	100%	2017	\$2,100	4	\$100

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

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

Asset # : 13352

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	\$11,000	4	\$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			

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

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: AGUILAR BRANCH LIBRARY		
Address	: 174 EAST 110TH ST. NEAR THIRD A	VE.	
Borough	: MANHATTAN	Agency's Number	: A01
Program / Asset #	: NPL0A01.000 / 13323	Yr Built/Renovated	: 1905 / 2007
Area Sq Ft	: 14,038	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 03-Jul-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,3		
Block	: 1637 Lot : 141	BIN	: 1052167

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		\$190,600
Mechanical		\$189,800
Total		\$380,400
Importance Code B		\$380,400
Total		\$380,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$127,000			
Interior Architecture	\$92,700	\$500	\$5,300	\$2,000
Electrical	\$8,300	\$100	\$10,800	\$100
Mechanical	\$2,300	\$1,800	\$6,800	\$2,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$234,200	\$6,300	\$26,800	\$8,200
Importance Code A	\$127,700	\$700	\$700	\$700
Importance Code B	\$97,500	\$5,600	\$26,100	\$7,500
Importance Code C	\$9,000			
Total	\$234,200	\$6,300	\$26,800	\$8,200



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

NEW YORK PUBLIC LIBRARY - 035

AGUILAR BRANCH LIBRARY Asset # : 13323

Architecture	Current Repair	Future Replacement	N	laintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	t Cycle (Yrs)	Estimated Cost	Priorit
xterior					
Exterior Walls					
Cast Iron	10% 0-2 \$16,900	LIFE *	k		
	Other Observation, Extent : Moderate,	Area Affected : 100%			
	Location : Front Facade				
	Explanation : Painted Finish Resemb	les Bronze			
Masonry: Brick	68% Now \$20,900	LIFE *	5	\$7,000	
	Broken/Missing Elements, Extent : Mo	derate, Area Affected : 10%	6		
	Location : Rear Facade				
	Misaligned/Bulging, Extent : Moderate	e, Area Affected : 10%			
	Location : Rear Facade				
	Spalling, Extent : Moderate, Area Affe Location : Rear Facade	cted : 10%			
	Vertical Cracks, Extent : Moderate, Ar	ea Affected : 10%			
	Location : Rear Facade				
Masonry: Limestone	20% 2-4 \$24,700	LIFE *	* 5	\$1,500	
5	Broken/Missing Elements, Extent : Mo	derate, Area Affected : 10%	6	. ,	
	Location : At Both Sides Of Front En	trance Steps			
	Worn/Eroded, Extent : Severe, Area Ag	fected : 10%			
	Location : At Both Sides Of Front En	trance Steps			
Stucco Cement	2% Now \$600	2037 **	* 5	\$300	
	Diagonal Cracks, Extent : Moderate, A	rea Affected : 5%			
	Location : At Chimney				
	Spalling, Extent : Moderate, Area Affe	cted : 10%			
	Location : Chimney				
	Other Observation, Extent : Moderate,	Area Affected : 100%			
	Location : Chimney				
	Explanation : Stucco Over Brick				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 # : 13323

Total(Years80%NowCtrwt/Balnc Not FLocation : Secon5%0-2Deteriorated Finis	\$24,800 unct, Extent : Light, A d Floor \$9,600	FY 2040	Estimated Cost ** cted : 15%	Cycle (Yrs) 5	Estimated Cost \$1,500	Priorit
Ctrwt/Balnc Not F Location : Secon 5% 0-2 Deteriorated Finis	unct, Extent : Light, A d Floor \$9,600	Area Affe		5	\$1,500	
Ctrwt/Balnc Not F Location : Secon 5% 0-2 Deteriorated Finis	unct, Extent : Light, A d Floor \$9,600	Area Affe		5	\$1,500	
Ctrwt/Balnc Not F Location : Secon 5% 0-2 Deteriorated Finis	unct, Extent : Light, A d Floor \$9,600	Area Affe		5	\$1,500	
Deteriorated Finis	. ,	2040				
Thermally Inefficie	Facade ent, Extent : Moderate	Area Aff		5	\$600	
•		00	ed : 100%			
-	-	2027 t, Area A	* * ffected : 10%			
Location : Winde Deteriorated Finis Location : Winde Thermally Inefficie Location : Winde Split/Cracked, Exte	wws At 2nd Floor Stor h, Extent : Moderate, wws At 2nd Floor Stor ent, Extent : Moderate wws At 2nd Floor Stor ent : Moderate, Area	y Hour R Area Aff y Hour R e, Area Aj y Hour R Affected	Room Fected : 50% Room ffected : 100% Room : 50%	5	\$1,900	
	Location : Rear I Thermally Inefficie Location : Rear I Unit Inoperable, E Location : Rear I 5% 2-4 Broken/Missing El Location : Throu 10% Now Broken/Missing El Location : Windo Deteriorated Finis Location : Windo Thermally Inefficie Location : Windo Split/Cracked, Exte	Location : Rear Facade Thermally Inefficient, Extent : Moderate Location : Rear Facade At 3rd Floor Unit Inoperable, Extent : Moderate, Are Location : Rear Facade At Third Floo 5% 2-4 \$600 Broken/Missing Elements, Extent : Ligh Location : Throughout 10% Now \$10,400 Broken/Missing Elements, Extent : Mod Location : Windows At 2nd Floor Stor Deteriorated Finish, Extent : Moderate, Location : Windows At 2nd Floor Stor Thermally Inefficient, Extent : Moderate Location : Windows At 2nd Floor Stor Split/Cracked, Extent : Moderate, Area	Location : Rear Facade Thermally Inefficient, Extent : Moderate, Area Affecte Location : Rear Facade At 3rd Floor Unit Inoperable, Extent : Moderate, Area Affecte Location : Rear Facade At Third Floor 5% 2-4 \$600 2027 Broken/Missing Elements, Extent : Light, Area Affected Location : Throughout 10% Now \$10,400 2049 Broken/Missing Elements, Extent : Moderate, Are Location : Windows At 2nd Floor Story Hour K Deteriorated Finish, Extent : Moderate, Area Aff Location : Windows At 2nd Floor Story Hour K Thermally Inefficient, Extent : Moderate, Area Aff Location : Windows At 2nd Floor Story Hour K Split/Cracked, Extent : Moderate, Area Affected	Thermally Inefficient, Extent : Moderate, Area Affected : 100% Location : Rear Facade At 3rd FloorUnit Inoperable, Extent : Moderate, Area Affected : 100% Location : Rear Facade At Third Floor5%2-4\$6002027\$**Broken/Missing Elements, Extent : Light, Area Affected : 10% Location : Throughout	Location : Rear Facade Thermally Inefficient, Extent : Moderate, Area Affected : 100% Location : Rear Facade At 3rd Floor Unit Inoperable, Extent : Moderate, Area Affected : 100% Location : Rear Facade At Third Floor 5% 2-4 \$600 2027 ** Broken/Missing Elements, Extent : Light, Area Affected : 10% Location : Throughout 10% Now \$10,400 2049 ** 5 Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : Windows At 2nd Floor Story Hour Room Deteriorated Finish, Extent : Moderate, Area Affected : 50% Location : Windows At 2nd Floor Story Hour Room Thermally Inefficient, Extent : Moderate, Area Affected : 100% Location : Windows At 2nd Floor Story Hour Room Split/Cracked, Extent : Moderate, Area Affected : 50%	Location : Rear Facade Thermally Inefficient, Extent : Moderate, Area Affected : 100% Location : Rear Facade At 3rd Floor Unit Inoperable, Extent : Moderate, Area Affected : 100% Location : Rear Facade At Third Floor 5% 2-4 \$600 2027 ** Broken/Missing Elements, Extent : Light, Area Affected : 10% Location : Throughout 10% Now \$10,400 2049 ** 5 \$1,900 Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : Windows At 2nd Floor Story Hour Room Deteriorated Finish, Extent : Moderate, Area Affected : 50% Location : Windows At 2nd Floor Story Hour Room Thermally Inefficient, Extent : Moderate, Area Affected : 100% Location : Windows At 2nd Floor Story Hour Room Split/Cracked, Extent : Moderate, Area Affected : 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.

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

Asset # : 13323

rchitecture		Current	Repair	Futur	e Replacement	М	aintenance	
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Parapets						_		
Cast Stone/Terra Cotta	5%		\$1,200	LIFE	* *	5	\$700	
		0	ients, Extent : Mod At Upper Parapet	erate, Ar	ea Affected : 5%			
			d, Extent : Moderat	o Area	Affected · 50%			
			a, Extent : Moderat At Upper Parapet	e, Areu r	ijjecieu . 5070			
Maconwy Prick	30%	2-4	\$1,700	LIFE	* *	5	\$600	
Masonry: Brick			۵۱,700 Extent : Moderate, A			3	\$000	
			Face At Upper Par		cicu: 10070			
			o On Brick	I - I				
Masonry: Brick	25%	2-4	\$2,800	LIFE	* *	5	\$500	
			ent, Extent : Light, .		ected : 100%	-	+•••	
	Location	1 : Through	out Lower Parapet					
Masonry: Brick	20%	Now	\$2,200	LIFE	* *	5	\$400	
-	Jnt Morta	r Miss/Erod	d, Extent : Moderat	e, Area A	Affected : 25%			
		n : Rear Fa						
			derate, Area Affect	ed : 10%	Ó			
	Locatior	ı : Rear Fa						
Metal Panel	10%	2-4	\$1,500	2044	* *	5	\$400	
		-	xtent : Light, Area	Affected	: 5%			
		n : Through	out					
Metal: Cage/Fence	10%			2037	* *	5-10	\$1,500	
		0	xtent : Light, Area	Affected	: 10%			
		1 : Through		A				
		ervation, E 1 : Along Si	Extent : Moderate, A de Walls	Area Ajje	ciea : 100%			
		8	e Are Security Barr	iers To F	Prevent Access Fro	m Adioir	nino Ruildinos	
Roof	Liptana		ine seeany ban	1010 10 1		in They of the		
Modified Bitumen	100%	2-4	\$8,400	2029	* *			
		Extent : Moo a : Third Flo	lerate, Area Affecte por Roof	ed : 5%				
	Debris Pr	esent, Exte	nt : Moderate, Area	ı Affected	d : 10%			
	Location	n : On Cent	ral Roof - 3rd Floo	r Level				

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 # : 13323

Architecture	Current Repa	air Fu	ure Replacement	Μ	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Yea FY	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior						
Floors						
Carpet	50%	202		3	\$15,800	
	Recent Replace Evident, . Location : First And Se		ffected : 100%			
Carpet	15% 4+	\$39,900 202	6 \$39,900	3	\$4,700	
-	Staining/Discoloring, Ext	tent : Moderate, Area	Affected : 25%			
	Location : Multipurpos	e Room				
	Worn/Eroded, Extent : M	oderate, Area Affecte	ed : 25%			
	Location : Multipurpos	e Room				
Ceramic Tile	5%	203	3 **	5	\$1,100	
Glass Block	2% Now	\$1,500 203	9 **	1		
	Broken/Missing Elements	s, Extent : Moderate,	Area Affected : 5%			
	Location : Balcony At M	Aain Reading Room				
Vinyl Tile	15% 2-4	\$2,700 202	9 **	3	\$1,200	
ý	Cracking/Crumbling, Ext	ent : Light, Area Affe	cted : 10%		. ,	
	Location : Throughout					
Wood	13% Now	\$26,800 205	2 **	5	\$2,600	
	Broken/Missing Elements	, ,		-	+_,	
	Location : Old Custodie	al Apartment				
	Loose/Miss Fasteners, Ex	ctent : Moderate, Are	a Affected : 10%			
	Location : Wood Stair A	At Back Of Building U	p To Custodial Apa	rtment		
	Split/Cracked, Extent : M	oderate, Area Affecte	ed : 25%			
	Location : Old Custodia	al Apartment				
	Worn/Eroded, Extent : Se	evere, Area Affected :	25%			
	Location : Old Custodia	al Apartment				
	Other Observation, Exter	nt : Moderate, Area A	ffected : 20%			
	Location : Back Of Buil	lding Up To Custodia	l Apartment			
	Explanation : Creaking	Wood Stair				

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

Asset # : 13323

rchitecture		Current I	Repair	Futur	e Replacement	М	aintenance	
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
erior								
Interior Walls	2%	2-4	\$500	2033	* *	5	\$200	
Ceramic Tile	Cracking/		Extent : Light, Are			5	\$200	
Glass: Single Pane	2%			LIFE	* *	5	\$300	
Gypsum Board	60%			LIFE	* *	5	\$7,000	
Masonry: Brick	3%	Now	\$500	LIFE	* *			
			l, Extent : Moderat oom In Basement	e, Area A	Affected : 40%			
Plaster	10%			LIFE	* *	5	\$600	
Plaster	15%	Now	\$6,900	LIFE	* *	5	\$900	
	Location Water Per	a : Old Cust netration, E	: Severe, Area Aff odial Apartment xtent : Severe, Area odial Apartment					
Wood			\$1,100 Extent : Moderate, ts Throughout	LIFE Area Afj	* * fected : 10%	5	\$3,900	
Wood	3%			LIFE	* *	5	\$2,300	
Ceilings							+_;= • • •	
AcousTileSusp.Lay-In	5%			2037	* *	5	\$1,100	
Gypsum Board	80%			LIFE	* *	5	\$21,000	
Plaster	15%	Now	\$12,300	LIFE	* *	5	\$2,000	
	-	-	Extent : Severe, A todial Apartment	rea Affec	rted : 20%			
	Paint Peel	ling, Extent	: Severe, Area Affe	ected : 10	00%			
			odial Apartment					
			xtent : Moderate, A todial Apartment	Area Affe	cted : 30%			
lectrical		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori

Ser	vice	сq	uip	men
	T.	1	D '	a

Conduit

Fused Disc Sw	100%	2024	\$1,500	5	\$100
	Other Observation, Exten	t : Moderate, Area Affected	: 100%		
	Location : Electrical Ro	oom			
	Explanation : One 600	Amps Main Disconnect Swit	ch		
Switchgear / Switchboard	1				
Fused Disc Sw	100%	2024	\$32,000	5	\$100
Raceway					
Conduit	20%	2044	* *	1	

2024

1

\$24,800

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

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

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

80%

Asset # : 13323

Electrical	ASSET # Current Repair	Future Repla	cement	M	aintenance	
vstem	% of Fail Date Estimated				Estimated Cost	Priorit
Component	Total (Years)	FY	alcu Cost	(Yrs)	Estimated Cost	1 1 101 11
Туре				· /		
nder 600 Volts						
Panelboards	100/	20.40	* *	~		
Fused Disc Sw	10%	2040		5	¢100	
Molded Case Bkrs Molded Case Bkrs	30% 60%	2023 2040	\$4,400 * *	5 5	\$100 \$200	
	00%	2040	••	3	\$200	
Wiring Braided Cloth	30% 2-4 \$8,2	200 2049	* *	1		
Braided Cloth	Insulation Aged, Extent : Moderate			1		
	Location : Upper Floors	e, 111 eu 119 je ei eu e 1007				
Thermonlastic	70%	2044	* *	1		
Thermoplastic Motor Controllers	70%	2044		1		
Locally Mounted	100%	2037	* *	5	\$100	
ound	10070	2037		5	\$100	
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
ghting	10070	211 2		U U	\$2 00	
Interior Lighting						
Fluorescent	60%	2029	* *	10	\$7,700	
	Other Observation, Extent : Moder	rate, Area Affected : 10	00%			
	Location : Throughout The Build	ling				
	Explanation : T-8 Lamps					
Fluorescent	30%	2024	\$138,100	10	\$3,900	
	T-12 Lamps, Extent : Moderate, A	rea Affected : 30%				
	Location : Throughout The Build	ling				
Fluorescent	10%	2029	* *	10	\$1,300	
	T-5 Lamps, Extent : Moderate, Are	ea Affected : 10%				
	Location : 2nd Floor					
Egress Lighting						
Emergency, Battery	50%	2029	* *	10	\$1,700	
Exit, Service	50%	2029	* *	1		
Exterior Lighting						
HID	100%	2024	\$52,500	10		
lechanical	Current Repair	Future Repla	cement	M	aintenance	
ystem Component	% of Fail Date Estimated (ated Cost	•	Estimated Cost	Priorit
Туре	Total (Years)	FY		(Yrs)		
eating	•	•				
Energy Source						
Natural Gas	100%	2044	* *	1		
	Other Observation, Extent : Light,	Area Affected : 10%				
	Location : 3rd Floor Vacant Apa	ertment				
	Explanation : For Furnace					

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

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

Asset # : 13323

Mechanical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating								
Conversion Equipment								
Furnace	5%			2024	\$900	1	\$400	
			Extent : Light, Area	Affected	: 10%			
		: 3rd Floo		. 6				
		tion : Supp	lies Vacant Apartm					
Hot Water Boiler	95%			2037	* *	1	\$6,600	
Distribution	1000/			20.40	* *	4	¢700	
Hot Wtr Piping/Pump	100%			2040	* *	4	\$700	
Terminal Devices Air Handler	50%			2024	\$37,500	1	\$4,300	
Convector/Radiator	50%			2024	\$57,500	1	\$2,300	
Air Conditioning	5070			2027		1	φ2,500	
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	85%			2022	\$152,300	2	\$700	
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 10%			
	Location	: Third Fl	oor And Basement					
	Explana	tion : Addit	ional Capacity Ma	y Be Req	uired			
Window/Wall Unit	15%			2019	\$4,300	1		
entilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,800	
Exhaust Fans	1000/			2024	¢15 400	2	¢ 400	
Interior	100%			2024	\$15,400	2	\$400	
lumbing H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater	10070			2044		1		
Gas Fired	100%			2022	\$3,200	2	\$200	
Sanitary Piping	100/0				<i>40,200</i>	_	4- 00	
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	\$2,500	
Backflow Preventer								
Not Accessible	90%							
			Extent : Light, Area	Affected	: 0%			
		: Front Of	-					
		tion : Mete	r And R.P.Z. Locat		-			
Generic	10%	. =		2029	* *	1	\$100	
			Extent : Light, Area	Affected	: 10%			
		: Boiler R						
	Explana	tion : For E	Boiler Only					

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

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

Asset # : 13323

Mechanical	Current Repair	Future Repla	cement	Μ	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Fixtures						
Generic	100%					
	Obsolete Fixtures, Extent : Sever	e, Area Affected : 10%				
	Location : Vacant Apartment S	oace On 3rd Floor				
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
-	Other Observation, Extent : Ligh	t, Area Affected : 100%				
	Location : B-3					
	Explanation : One Unit					
Fire Suppression						
Sprinkler						
No Component	70%					
Generic	30%	2044	* *	1-2	\$1,200	

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

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

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: ALLERTON BRANCH LIBRARY					
Address	: 2740 BARNES AVE. NEAR ALLERTON AVE.					
Borough	: BRONX	Agency's Number	: A02			
Program / Asset #	: NPL0A02.000 / 13324	Yr Built/Renovated	: 1959 / 2007			
Area Sq Ft	: 12,410	Project Type	: NEW YORK PUBLIC LIBRARY			
Date of Survey	: 06-Dec-2007	Landmark Status	: NONE			
Areas Surveyed	: Basement, Roof, Floors 1,2					
Block	: 4513 Lot : 16	BIN	: 2053752			

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$478,800	\$50,200
Interior Architecture	\$53,600	\$25,500
Electrical	\$203,400	\$162,700
Mechanical	\$47,500	\$39,700
Total	\$783,300	\$278,100
Importance Code A	\$478,800	\$50,200
Importance Code B	\$304,500	\$228,000
Total	\$783,300	\$278,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$26,200			
Interior Architecture	\$16,200			\$168,000
Electrical	\$28,600	\$4,500	\$17,600	\$100
Mechanical	\$5,400	\$1,100	\$48,500	\$1,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$80,400	\$9,600	\$70,100	\$173,200
Importance Code A	\$26,800	\$600	\$800	\$600
Importance Code B	\$45,000	\$9,000	\$69,300	\$172,600
Importance Code C	\$8,600			
Total	\$80,400	\$9,600	\$70,100	\$173,200



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 # : 13324

chitecture		Current	Repair	Futur	e Replacement	Μ	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$13,200	
Masonry: Brick	95%	Now	\$75,000	LIFE	* *	5	\$50,200	
			t : Moderate, Area	Affected	: 5%			
		-	And Bulkhead					
			d, Extent : Moderat	e, Area 1	Affected : 10%			
		-	And Bulkhead					
	-		Extent : Moderate, And Bulkhead	Area Afj	fected : 5%			
			ot, Extent : Modera nd Floor Windows	te, Area	Affected : 5%			
	Water Pen	etration, E	Extent : Moderate, A	Area Affe	cted : 10%			
	Location	: Chimney	v, Bulkhead And Al	ong 2nd	Floor Windows			
Windows								
Aluminum	90%	2-4	\$343,700	2044	* *	5	\$4,100	
	-	ed Elemen : Through	nts, Extent : Modera cout	ite, Area	Affected : 20%			
		-	Extent : Moderate,	Area Af	fected : 65%			
		: Through		55				
	Caulking I	-	ed, Extent : Modera	te, Area	Affected : 20%			
	Worn/Erod	-	: Moderate, Area	Affected	: 50%			
Steel	10%			2027	* *	5	\$11,500	
		ed Finish,	Extent : Moderate,		fected : 10%	-	+;= = =	
		: Exterior						
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$2,600	
Masonry: Brick	90%	Now	\$17,500	LIFE	* *	5	\$3,100	
	Efflorescence, Extent : Moderate, Area Affected : 30%							
	Location : Thru Out							
		d/Bulging, : Thru Ou	Extent : Moderate, t	Area Afj	fected : 5%			
			Extent : Moderate, A	Area Affe	cted · 10%			
		: Thru Ou		irea rijje	cicu : 1070			
			t, Extent : Moderat	o Aron A	ffected · 25%			
	-	: Thru Ou		c, 111 cu 1	gjeeneu . 2570			
Roof	Locuion	. 1	•					
Built-Up (BUR)	100%	0-2	\$3,000	2019	\$60,100			
· · · · · · · · · · · · · · · · · · ·			Extent : Moderate, A					

Interior

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

Asset # : 13324

Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority
nterior								
Floors						_		
Carpet	60%			2020	\$160,800	3	\$25,400	
		stallation, E 1 : 1st And 1	Extent : Light, Area 2d Floors	Affected	: 60%			
Cast in Place Concrete	5%		24110015	LIFE	* *	5	\$2,300	
Terrazzo	5%			LIFE	* *	5	\$2,500	
Vinyl Tile	30%	Now	\$53,600	2029	* *	3	\$2,400	
VillyFfile	Loose/De Location Water Per	lam Surface 1 : Thru Ou 1etration, E	e, Extent : Moderat t Basement xtent : Moderate, A	e, Area A		5	φ2,+00	
	Worn/Ero	1 : Basemer ded, Extent 1 : Basemer	: Moderate, Area	Affected	: 40%			
Interior Walls								
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	95%		\$8,600	LIFE	* *	5	\$6,500	
	-	-	Extent : Moderate	, Area Aj	ffected : 5%			
		ı : Basemer			1 100/			
		ietration, E 1 : Basemer	xtent : Moderate, A nt	rea Affe	cted : 10%			
Ceilings								
AcousTileConcealSpLn	70%		* (* 0.0	2036	* *	5	\$18,500	
AcousTileConcealSpLn	Water Per		\$1,300 Extent : Moderate, A nt	2024 Area Affe	\$25,500 cted : 10%	5	\$2,000	
Plaster	15%			LIFE	* *	5	\$2,000	
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2029	* *	5	\$300	
	Other Ob.	servation, E	Extent : Moderate, A	Area Affe	cted : 100%			
	Location	ı : Electrico	al Room					
	Explana	tion : One -	400 Amps Main Dis	sconnect	Switch			
Switchgear / Switchboard						_		
Molded Case Bkrs	100%			2029	* *	5	\$300	
Raceway								
Conduit	90%			2029	* *	1		
Conduit	10%			2039	* *	1		
Panelboards	2004			2010	¢ 4 400	F	Φ100	
Molded Case Bkrs Molded Case Bkrs	30%			2018	\$4,400 * *	5	\$100 \$200	
MOIDED CASE BLUE	70%			2035	T T	5	\$200	

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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 years is not included in this report.

Asset # : 13324

Electrical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	30%	2-4	\$8,200	2044	* *	1		
		Aged, Exte : Through	ent : Moderate, Are out	a Affecte	ed : 100%			
Thermoplastic	40%			2029	* *	1		
Thermoplastic	30%			2039	* *	1		
Motor Controllers								
Locally Mounted	70%			2024	\$21,000	5	\$100	
Locally Mounted	30%			2032	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	50%			2019	\$203,400	10	\$5,700	
	Location	: Through		Area Affe	ected : 100%			
		ion : Using	g T12 Lamps	2024	¢1.00 700	10	¢4.600	
Fluorescent	40%			2024	\$162,700	10	\$4,600	
		ervation, E : Through	Extent : Moderate, A out	Area Affe	ected : 100%			
	Explanat	ion : Using	g T5 Lamps					
HID	5%			2019	\$8,000	10		
Incandescent	5%			2017	\$20,300	2		
Egress Lighting								
Emergency, Service	50%			2019	\$3,000	1		
Exit, LED	20%			2047	* *	1		
Exit, Service	30%			2019	\$500	1		

	Current Repair	Futur	e Replacement	M	aintenance	
% of 1 Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
5%		2029	* *	1		
95%		2039	* *	1		
100%		2039	* *	1	\$6,100	
Recent Rep	place Evident, Extent : Light,	Area Aff	ected : 100%			
Location	: Replaced Due To Flooding	In Boile	r Room And Basem	ent		
100%		2035	* *	4	\$600	
100%		2032	* *	1	\$4,000	
	Total 5% 95% 100% Recent Rep Location 100%	% of Total Fail Date Estimated Cost (Years) 5% 5% 95% 100% Recent Replace Evident, Extent : Light, Location : Replaced Due To Flooding 100%	% of TotalFail Date (Years)Estimated Cost FYYear FY5% 95%2029 2039100%2039100%2039Recent Replace Evident, Extent : Light, Area Affe Location : Replaced Due To Flooding In Boiler100%2035	% of Total Fail Date (Years) Estimated Cost FY Year FY Estimated Cost FY 5% 2029 ** 5% 2039 ** 100% 2039 ** 100% 2039 ** 100% 2039 ** 100% 2035 **	% of TotalFail Date (Years)Estimated Cost FYYear FYEstimated Cost (Yrs)Cycle (Yrs)5% 95%2029**1100% Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Replaced Due To Flooding In Boiler Room And Basement1100% 20352035**4	% of TotalFail Date (Years)Estimated Cost FYYear FYEstimated Cost (Yrs)Cycle Estimated Cost (Yrs)5% 95%2029 2039**1100% Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Replaced Due To Flooding In Boiler Room And Basement1\$6,100100%2035**4\$600

Air Conditioning

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

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

Asset # : 13324

Mechanical		Current Repair Future Replacement Maintenance							
System Component	% of		Estimated Cost		Estimated Cost	•	Estimated Cost	Priorit	
Туре	Total	(Years)		FY		(Yrs)			
Air Conditioning									
Energy Source									
Electricity	100%			2035	* *	1			
Conversion Equipment									
Int Pkg Unit - Cooling	30%			2017	\$47,500	2	\$200		
Ext Pkg Unit - Cooling	70%			2024	\$39,700	2	\$500		
Heat Rejection									
Remote Air Cond	30%			2019	\$22,000	2	\$2,600		
No Component	70%								
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,900		
Exhaust Fans									
Interior	50%			2019	\$6,800	2	\$200		
Roof	50%			2019	\$4,900	2	\$200		
lumbing									
H/C Water Piping									
Galv Iron/Steel	100%			2032	* *	1			
Water Heater									
Gas Fired	100%			2017	\$2,900	2	\$200		
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping									
Cast Iron	100%			LIFE	* *	1			
Sump Pump(s)									
Rigid Piping	100%			2019	\$11,000	4	\$1,600		
Sewage Ejector(s)									
Compressed Air	100%			2029	* *	4	\$2,500		
Backflow Preventer									
No Component	90%								
Generic	10%			2024	\$100	1	\$100		
Fixtures									
Generic	100%								
Vertical Transport									
Elevators									
Geared Traction	100%			LIFE	* *				
	Other Obs Location		xtent : Light, Area	Affected	: 100%				
	Explana	tion : One U	Unit						

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

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: ANDREW HEISKELL BRAILLE & T	ALKING BOOK LI	BRARY
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 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$74,900	\$85,400
Electrical	\$37,300	
Mechanical		\$748,200
Total	\$112,200	\$833,600
Importance Code B	\$112,200	\$786,300
Importance Code C		\$47,400
Total	\$112,200	\$833,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Interior Architecture	\$114,600	\$17,200		\$20,900
Electrical	\$1,400	\$1,500	\$1,300	\$1,800
Mechanical	\$30,100	\$8,100	\$12,900	\$13,800
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$157,900	\$38,600	\$26,100	\$48,300
Importance Code A	\$2,500	\$2,500	\$2,500	\$2,600
Importance Code B	\$155,400	\$36,100	\$23,600	\$45,700
Importance Code C				
Total	\$157,900	\$38,600	\$26,100	\$48,300



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

Asset # : 4225

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total		Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Floors								
Carpet	55%	0-2	\$105,900	2024	\$529,300	3	\$62,800	
		-	amage, Extent : Se	vere, Are	ea Affected : 20%			
	Location	: Through	out					
Cast in Place Concrete	15%	Now	\$35,300	LIFE	* *	5	\$25,000	
	Cracking/0	Crumbling,	Extent : Severe, A	rea Affec	rted : 30%			
	Location	: Through	out					
	Water Pen	etration, E	xtent : Severe, Area	a Affecte	d : 30%			
	Location	: Through	out					
Terrazzo	5%	0-2	\$8,800	LIFE	* *	5	\$3,000	
	Cracking/0		Extent : Light, Are		ed : 5%	-	1 - 7	
	-	: Through	-	00				
Vinyl Tile	1%			2030	* *	3	\$300	
Wood	24%			2028	* *	5	\$34,200	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	\$7,000	
Gypsum Board	68%			LIFE	* *	5	\$47,400	
Marble Panels	2%			LIFE	* *			
Plaster	15%			LIFE	* *	5	\$5,200	
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	\$1,800	
Metal Panel	5%			LIFE	* *	5	\$4,800	
Plaster	80%	0-2	\$39,600	LIFE	* *	5	\$38,000	
	Loose/Dele	am Surface	, Extent : Severe, A	Area Affe	cted : 5%			

Location : Over Stacks, 2nd Floor Public Area

Electrical	Current Repair	Future Repla	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2045	* *	5	\$200	
	Other Observation, Extent : Mod	lerate, Area Affected : 1	00%			
	Location : Electrical Room					
	Explanation : 1- 3000 Amps M	ain Disconnect Switch				
Switchgear / Switchboard						
Fused Disc Sw	100%	2045	* *	5	\$200	
Raceway						
Conduit	50%	2035	* *	1		
Conduit	50%	2045	* *	1		
Panelboards						
Fused Disc Sw	10%	2033	* *	5	\$100	
Molded Case Bkrs	70%	2041	* *	5	\$900	
Molded Case Bkrs	20%	2033	* *	5	\$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.

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

Asset # : 4225

		Asset # : 4	225					
Electrical	Current Repair			e Replacement	M	Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts								
Wiring								
Thermoplastic	50%		2045	* *	1			
Thermoplastic	50%		2035	* *	1			
Motor Controllers								
Locally Mounted	60%		2030	* *	5	\$200		
Locally Mounted	40%		2042	* *	5	\$100		
Ground								
Grounding Devices	1000/		LIPP	* *	~	#700		
Generic	100%		LIFE	Υ Υ	5	\$700		
Lighting								
Interior Lighting Fluorescent	80%		2030	* *	10	\$37,300		
Fluorescent		s, Extent : Moderate, Area A <u>f</u>			10	\$37,300		
	-	: Throughout The Building	jeeleu . I	0070				
Fluorescent	20%		2035	* *	10	\$9,300		
Thuorescent		s, Extent : Moderate, Area Af			10	\$9,300		
	-	: Throughout The Building	jeeleu . I	0070				
Egress Lighting	Locuiton							
Exit, Service	50%		2033	* *	1			
Exit, Battery	50%		2033	* *	10	\$1,700		
Exterior Lighting	2070		2000		10	<i>ψ1,700</i>		
HID	100%		2030	* *	10	\$200		
Alarm								
Security System								
No Component	30%							
Generic	70%		2033	* *	1	\$13,300		
Fire/Smoke Detection								
Generic, Digital	100%		2030	* *				
Mechanical		Current Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Natural Gas	100%		2045	* *	1			
Conversion Equipment								
Hot Water Boiler	100%		2038	* *	1	\$25,100		
		ervation, Extent : Light, Area	a Affected	: 100%				
		: Basement Boiler Room						
	F 1	tion : 5 Small Units						
	Explana							
Distribution	-							
Hot Wtr Piping/Pump	100%		2033	* *	4	\$3,800		
Hot Wtr Piping/Pump Terminal Devices	100%				_			
Hot Wtr Piping/Pump Terminal Devices Air Handler	100%		2025	\$135,800	1	\$15,700		
Hot Wtr Piping/Pump Terminal Devices	100%				_			

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

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

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

Asset # : 4225

		ASSet # : 4	225				
Mechanical	Current Repair Future Replacement				Μ		
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ir Conditioning							•
Energy Source							
Electricity	100%		2041	* *	1		
Conversion Equipment		¢10,400		\$5 10,000	•	** • • • •	
Int Pkg Unit - Cooling	0	ow \$10,400 ent : Severe, Area Affecte umper Control Cylinder,		\$519,000 t Fan Room	2	\$2,000	
Int Pkg Unit - Cooling	20%		2029	* *	2	\$600	
ventilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$28,300	
Exhaust Fans							
Interior	100% No		2025	\$55,700	2	\$1,200	
		Extent : Severe, Area Af					
	Location : 1st	t Floor Toilets Lack Ade	quate Vet	ilation			
lumbing							
H/C Water Piping							
Brass/Copper	100%		2035	* *	1		
Water Heater	1000/						
Not Accessible	100%						
Sanitary Piping Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	100%		LIFE	•••	1		
Submersible	100%		2017	\$6,600	4	\$2,500	
Backflow Preventer	10070		2017	\$0,000		\$2,500	
Generic	100%		2030	* *	1	\$3,100	
Fixtures	100/0		2000		-	<i>40,100</i>	
Generic	100%						
	Obsolete Fixtur Location : Th	res, Extent : Severe, Area roughout	a Affectea	l : 100%			
ertical Transport							
Elevators							
Geared Traction	60%		LIFE	* *			
		tion, Extent : Light, Arec	ı Affected	: 60%			
	Location : 1-:						
	Explanation :	1 Unit					
Hydraulic	40%		LIFE	* *			
		tion, Extent : Light, Arec	ı Affected	: 40%			
	Location : C-						
in <u>Commercian</u>	Explanation :	1 Unit					
ire Suppression Standpipe							
Generic	100%		2045	* *	1-5	\$25,600	
Sprinkler	100/0		2043		1-5	$\psi_{23},000$	
Generic	100%		2035	* *	1-2	\$14,200	
	20070		2000			φ11,200	
Fire Pump							

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

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

Print Date: 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: BELMONT/ENRICO FERMI BRAN	CH LIBRARY	
Address	: 610 EAST 186TH ST. @HUGHES AV	/ Е.	
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

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$155,500	
Interior Architecture		\$82,900
Electrical	\$79,600	\$35,900
Mechanical	\$216,800	\$419,800
Total	\$452,000	\$538,600
Importance Code A	\$155,500	
Importance Code B	\$296,400	\$538,600
Total	\$452,000	\$538,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$31,900	\$1,300		
Interior Architecture	\$113,900		\$3,700	\$25,800
Electrical	\$10,200	\$13,800	\$600	\$600
Mechanical	\$5,200	\$9,400	\$7,600	\$2,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$165,200	\$28,500	\$15,800	\$32,800
Importance Code A	\$33,000	\$2,600	\$1,100	\$1,100
Importance Code B	\$106,000	\$25,800	\$14,800	\$31,700
Importance Code C	\$26,200			
Total	\$165,200	\$28,500	\$15,800	\$32,800



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

Asset # : 4219

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	
Exterior									
Exterior Walls						_			
Concrete Masonry Unit	15%	0.2	¢1.coo	LIFE	* *	5	\$4,100		
Metal Panel	10% Corresion	0-2 /Rusting F	\$1,600 xtent : Light, Area	2043 Affected		5	\$8,300		
		-	out Bulkhead	ijjeeieu	. 570				
		-	xtent : Moderate, A	rea Affec	cted : 10%				
	Location	1 : Through	out Bulkhead						
Granite Panels	75%			LIFE	* *	5	\$24,800		
Parapets									
Concrete Masonry Unit	85%			LIFE	* *	5	\$5,500		
Metal: Cage/Fence	5%		** • • • •	2028	* *	5-10	\$2,200		
Pre-Cast Concrete	10%	0-2	\$2,000	LIFE	**	5	\$3,600		
			l, Extent : Moderat out Coping	e, Area I	Affected : 10%				
Roof	Locuitor	i . Intough	oui Coping						
Single Ply Membrane	80%	Now	\$28,300	2028	* *				
			lerate, Area Affecto						
	Location	n : Along Pa	arapet Walls						
	Drains Cl	ogged, Exte	ent : Light, Area Af	fected : 1	1%				
			Floor Next To Eleve						
	-		tent : Moderate, Ar	ea Affec	ted : 10%				
		-	out Main Roof	1 50/					
	-		derate, Area Affect Floor Next To Eleve						
					* *				
Skylight, Metal/Glass	20% Corresion	Now Rusting F	\$155,500 Extent : Light, Area	2043 Affected					
		-	inels Top Of Skylig		. 2070				
			xtent : Moderate, A		cted : 5%				
		n : Over Sec		55					
nterior									
Floors									
Carpet	75%	4+	\$31,100	2022	\$622,200	3	\$73,800		
	-	_	Extent : Light, Ard d Second Floor	ea Affect	ed : 15%				
			: Moderate, Area	Affected	· 10%				
		i : First Flo		чјјестец	. 1070				
Ceramic Tile	5%			2032	* *	5	\$3,300		
Panel/Paver: Cer/Brk	5%			2032	* *	5	\$7,400		
		ded, Extent	: Light, Area Affec		%	-	+ · , · 30		
	Location	ı : Atrium A	irea						
Vinyl Tile	15%			2023	\$82,900	3	\$4,900		

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

Asset # : 4219

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	\$5,900	
Concrete Masonry Unit	70%			LIFE	* *	5	\$33,000	
Folding Partition	5%	Now	\$23,200	2031	* *	5	\$7,400	
	Unit Inope	erable, Exte	ent : Light, Area Aff	fected : £	5%			
	Locatior	a : 2nd Floo	or, Adjacent To Ele	vator Lo	bby			
Gypsum Board	15%			LIFE	* *	5	\$10,600	
Metal Panel	5%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%	4+	\$20,800	2036	* *	5	\$8,100	
		issing Elem 1 : Auditorii	ents, Extent : Mode um	erate, Ar	ea Affected : 10%			
		Crumbling, 1 : Auditorii	Extent : Light, Are um	ea Affecte	ed : 5%			
	0	Discoloring, 1 : Through	Extent : Light, Are out	ea Affect	ed : 15%			
Exposed Concrete	80%	Now	\$33,000	LIFE	* *	5	\$8,100	
-			xtent : Moderate, A Floor Children Area	55	cted : 5%			

lectrical	Current Repair	Future	Future Replacement		Maintenance	
vstem Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2023	\$2,500	5	\$600	
	Other Observation, Extent : 1	Moderate, Area Affect	ted : 100%			
	Location : Electrical Room	First Floor				
	Explanation : One 1000 An	ıps				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2023	\$32,000	5	\$600	
Raceway						
Conduit	90%	2023	\$28,000	1		
Conduit	10%	2033	* *	1		
Panelboards						
Fused Disc Sw	10%	2022	\$2,200	5		
Molded Case Bkrs	60%	2022	\$13,300	5	\$300	
Molded Case Bkrs	30%	2031	* *	5	\$200	
Wiring						
Thermoplastic	50%	2033	* *	1		
Thermoplastic	50%	2023	\$13,700	1		
Motor Controllers						
Locally Mounted	80%	2021	\$35,900	5	\$100	
Locally Mounted	20%	2028	* *	5		

Ground

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

Asset # : 4219

		Asset # : 42	213				
Electrical	Current	Futur	e Replacement	M			
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
round							
Grounding Devices Generic	100% 2-4 Other Observation, 1 Location : Water M Explanation : Corr	lain	LIFE Area Affe	* * cted : 100%	5	\$300	
ghting							
Interior Lighting Fluorescent	60% Other Observation, 1 Location : Through Explanation : T-8 1	nout	2028 Area Affe	* * cted : 100%	10	\$11,700	
Fluorescent	40%		2031	* *	10	\$7,800	
	Other Observation, 1 Location : Through Explanation : T-5 1	nout	Area Affe	cted : 100%			
Egress Lighting							
Emergency, Service	40%		2028	* *	1		
Emergency, Service	10%		2031	* *	1		
Exit, Service	20%		2028	* *	1		
Exit, Service	30%		2018	\$900	1		
Exterior Lighting HID	100%		2018	\$79,600	10	\$100	
larm							
Security System	200/						
No Component Generic	30% 70%		2031	* *	1	\$5,600	
Fire/Smoke Detection Under Construction	100%		2031		1	\$3,000	
	10070						
lechanical	Current	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
eating							
Energy Source Natural Gas	100%		2033	* *	1		
Energy Source Natural Gas Conversion Equipment				* *	1		
Energy Source Natural Gas	100% 100% Other Observation, I Location : 2nd Flow Explanation : One	or Mechanical Room	2043 Affected	* *	1	\$10,500	
Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	100% Other Observation, I Location : 2nd Flo	or Mechanical Room	2043 Affected	* *		\$10,500 \$1,000	
Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	100% Other Observation, I Location : 2nd Flow Explanation : One 100%	or Mechanical Room	2043 Affected n 2031	**	1	\$1,000	
Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	100% Other Observation, I Location : 2nd Flo Explanation : One	or Mechanical Room	2043 Affected n	* *	1		

Air Conditioning

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

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

Asset # : 4219

Mechanical	Curr	ent Repair	Eutor	e Replacement	-10	aintenance	
System							D • •
Component	% of Fail D Total (Yea	Date Estimated Cost (srs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Type							
Air Conditioning Energy Source							
Electricity	100%		2039	* *	1		
Conversion Equipment	10070		2039		1		
Int Pkg Unit -	100% 0-2	\$125,900	2024	\$419,800	2	\$1,000	
Heating/Cooling	10070 0-2	\$125,900	2024	ψ - 19,000	2	φ1,000	
Heating Cooling	R-22 Refrigerant	t, Extent : Light, Area A	ffected :	100%			
		Jnits 2nd Floor Mechai					
	Other Observatio	on, Extent : Severe, Are	a Affecte	d : 100%			
		Floor Boiler Room	55				
	Explanation : C	Obsolete					
Heat Rejection	Ĩ						
Air Condenser Unit	100%		2031	* *	2	\$14,800	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,900	
Exhaust Fans							
Interior	30%		2018	\$7,000	2	\$200	
Roof	70%		2028	* *	2	\$500	
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%		2028	* *	1		
Water Heater							
Gas Fired	100%		2022	\$4,900	2	\$300	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Vertical Transport							
Elevators	1000/			* *			
Hydraulic	100%		LIFE				
		on, Extent : Severe, Are	a Affecte	a : 100%			
	Location : 1-3						
	Explanation : 1	Unit					

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

Print Date: 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name Address	: BLOOMINGDALE BRANCH LIBRA : 150 WEST 100TH ST. @ AMSTERDA		
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 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$87,200
Interior Architecture		\$52,900
Electrical	\$353,700	\$388,900
Mechanical		\$354,500
Total	\$353,700	\$883,600
Importance Code A		\$87,200
Importance Code B	\$353,700	\$796,400
Total	\$353,700	\$883,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$36,600			
Interior Architecture	\$4,900	\$7,900	\$83,400	\$800
Electrical	\$900	\$58,400	\$700	\$600
Mechanical	\$3,700	\$2,800	\$11,600	\$2,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$50,000	\$73,000	\$99,600	\$8,100
Importance Code A	\$38,700	\$2,100	\$2,100	\$2,100
Importance Code B	\$11,300	\$70,900	\$97,600	\$6,000
Importance Code C				
Total	\$50,000	\$73,000	\$99,600	\$8,100



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

Asset # : 4220

Architecture	Current Repair Future Replacement					Maintenance		
ystem Component Type	% of Fail Da Total (Year	ate Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior								
Exterior Walls								
Glazed Ceramic Panel	5%		LIFE	* *	5	\$6,400		
Masonry: Brick	95%		LIFE	* *	5	\$26,100		
	Location : Throu	n, Extent : Light, Area						
	Explanation : In	Contract For Repoint	ting					
Windows								
Aluminum	Location : 2nd I	\$10,800 Extent : Moderate, Are Floor Offices n, Extent : Light, Area			5	\$2,600		
	Location : Throu	ıghout						
	Explanation : In	Contract For Replace	ement					
Parapets								
Masonry: Brick		\$15,600 Erod, Extent : Moderat ughout Interior Face	LIFE te, Area A	* * ffected : 15%	5	\$2,700		
Pre-Cast Concrete	10%		LIFE	* *	5	\$1,900		
Roof Copper/Terne		n, Extent : Moderate, A	2038 Area Affec	* * cted : 20%				
		Emergency Stairs	2022	*•••••••••••••		#1= 000		
Roll Roofing	95% Now Blisters, Extent : I Location : Next	Light, Area Affected :	2022 15%	\$87,200	5	\$17,800		
erior								
Floors					_			
Carpet	20% Recent Replace E Location : 1st F	vident, Extent : Light, loor, 2011	2024 Area Affe	\$79,500 ected : 100%	3	\$9,400		
Carpet	20%		2019	\$79,500	3	\$9,400		
Cast in Place Concrete	5%		LIFE	* *	5	\$3,400		
Ceramic Tile	5%		2026	\$30,200	5	\$1,600		
Terrazzo	10%		LIFE	* *	5	\$2,500		
Vinyl Tile	20%		2031	* *	3	\$2,400		
	Recent Replace E Location : 1st F	vident, Extent : Light, loor, 2011	Area Affe	cted : 100%				
Vinyl Tile	20%		2023	\$52,900	3	\$3,100		
Interior Walls							_	
Ceramic Tile	5%		2026	\$23,500	5	\$900		
Gypsum Board	35%		LIFE	* *	5	\$3,600		
Plaster	50%		LIFE	* *	5	\$2,600		
SGFT/Glazed Masonry	10%		LIFE	* *				

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

Architecture		Current Repair Future Replacement Mainter			aintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Ceilings								
AcousTileConcealSpLn	20%			2028	* *	5	\$7,900	
AcousTileSusp.Lay-In	5%			2028	* *	5	\$1,600	
Exposed Concrete	60%			LIFE	* *	5	\$2,900	
Plaster	10%		\$4,100	LIFE	* *	5	\$2,000	
	-	-	Extent : Severe, A	rea Affec	cted : 10%			
			ergency Stairwell					
		-	: Moderate, Area	Affected	: 5%			
	Location	ı : Rear Em	ergency Stairwell					
Wood	5%			LIFE	* *	5	\$13,700	
lectrical		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts								
Raceway								
Conduit	50%			2033	* *	1		
Conduit	50%			2023	\$15,500	1		
Panelboards								
Molded Case Bkrs	50%			2022	\$11,100	5	\$300	
Molded Case Bkrs	50%			2022	\$11,100	5	\$300	
Wiring								
Thermoplastic	30%			2023	\$8,200	1		
Thermoplastic	70%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	\$44,900	5	\$100	
round								
Grounding Devices								
Not Accessible	100%							
ghting								
Interior Lighting	500/			2022	¢244.000	10	¢0, c00	
Fluorescent	50%		Extent : Moderate, A	2023	\$344,000	10	\$9,600	
		servation, E 1 : Through		area Ajje	ciea : 100%			
		-	g T-12 Lamps					
			g 1-12 Lamps	2010	¢275.200	10	<u>ф</u> а аоо	
Fluorescent	40%			2018	\$275,200	10	\$7,700	
		servation, E 1 : Through	Extent : Moderate, A	area Ajje	ciea : 100%			
		0						
			g T-12 Lamps	2010	¢12.c00	10		
HID Incondescent	5% 5%			2018	\$13,600 \$24,400	10		
Incandescent	5%			2018	\$34,400	2		
Egress Lighting	200/			2022	¢2 100	1		
Emorganov Comica	30%			2023	\$3,100	1		
Emergency, Service				2010	¢2 100	1		
Emergency, Service Exit, Service Exterior Lighting	70%			2018	\$2,100	1		

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

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	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%	1		2023	\$18,900	1	\$2,400	
Fire/Smoke Detection No Component	70%							
Generic	70% 30%			2028	* *	1-3	\$3,900	
	2070	·		2020		10	<i>\$3,700</i>	
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
leating								
Energy Source	1000			00.40		4		
Campus Steam	100% Other Ob		Extent : Severe, Are	2043	* *	1		
		servation, E n : Basemen		u Ajjecie	<i>a</i> .100%			
			 Supplied From Adj	oining H	lealth Building			
Conversion Equipment	1			0	0			
Steam Boiler	100%			2028	* *	1	\$20,800	
			Extent : Severe, Are	a Affecte	d : 100%			
		n : Basemen ution : One l	it Boiler Located In A	diacont	Haalth Ruilding			
Distribution	Елріана	uion . One I	Boller Loculeu III A	ијисет	fleatin Datiating			
Steam Piping/Pump	100%			2033	* *	4	\$1,600	
Terminal Devices								
Convector/Radiator	100%	1		2021	\$196,400	1	\$6,800	
Air Conditioning								
Energy Source Electricity	100%			2039	* *	1		
Conversion Equipment	10070			2037		1		
Ext Pkg Unit - Cooling	100%			2023	\$96,000	2	\$1,300	
C C	5	0 .	tent : Light, Area A	ffected :	100%			
	Location	n : Roof						
Distribution	1000/			LIPP	* *	2	¢27.200	
Ductwork/Diffusers /entilation	100%)		LIFE		2	\$27,300	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,700	
Exhaust Fans							-	
Roof	100%	1		2023	\$16,500	2	\$600	
Plumbing								
H/C Water Piping					¢ (2 , 100	1		
1 0	1000/			2022	V 2 1 1 1 1 1			
Brass/Copper	100%	•		2023	\$62,100	1		
Brass/Copper Sanitary Piping					\$62,100	1		
Brass/Copper	100%			2023 LIFE				

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

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

Asset # : 4220

Mechanical	Current Repair	Future F	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
-	Other Observation, Extent : Ligh	t, Area Affected : 1	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: 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: BRONX LIBRARY CENTER REFER		
Address	: 310 EAST KINGSBRIDGE ROAD @ B	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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$40,400	\$82,200
Interior Architecture		\$113,100
Electrical	\$68,300	
Total	\$108,700	\$195,400
Importance Code A	\$40,400	\$82,200
Importance Code B	\$68,300	\$36,600
Importance Code C		\$76,500
Total	\$108,700	\$195,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$17,600			\$36,600
Interior Architecture	\$37,600		\$16,700	
Electrical	\$16,100	\$15,000	\$12,600	\$14,500
Mechanical	\$31,600	\$23,500	\$35,800	\$29,600
Elevators/Escalators	\$17,800	\$17,800	\$17,800	\$17,800
Total	\$120,700	\$56,200	\$82,900	\$98,500
Importance Code A	\$21,300	\$3,700	\$3,800	\$40,200
Importance Code B	\$98,000	\$52,600	\$79,000	\$58,200
Importance Code C	\$1,400			
Total	\$120,700	\$56,200	\$82,900	\$98,500



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

Asset # : 13852

Architecture	Current Repair Future Replacement Maintenance			aintenance				
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Concrete Masonry Unit	43%			LIFE	* *	5	\$23,200	
Concrete Masonry Unit	5%	Now	\$17,600	LIFE	* *	5	\$2,700	
			tent : Moderate, Ai		ted : 10%	C	¢ _ ,/ 00	
	-		cade At Base	55				
	Jnt Morta	r Miss/Erod	l, Extent : Moderat	te, Area A	Affected : 10%			
	Location	ı : West Fac	cade At Base					
Metal Panel	5%			2050	* *	5-10	\$29,700	
Metal Sect. OHD	2%			2041	* *	5	\$5,400	
Granite Panels	20%			LIFE	* *	5	\$12,900	
Window Wall	25%			2050	* *	5	\$80,900	
Windows							+00,900	
Aluminum	100%			2046	* *	5	\$5,000	
Parapets								
Concrete Masonry Unit	35%			LIFE	* *	5	\$3,200	
Metal/Glass Curt Wall	10%			2050	* *	5	\$3,100	
Metal Panel	5%			2050	* *	5	\$1,600	
Metal Rail	5%			2041	* *	5-10	\$7,200	
Metal: Cage/Fence	10%			2041	* *	5-10	\$6,200	
Stucco Cement	35%			2041	* *	5	\$7,200	
Roof								
Metal Panel	60%			2041	* *	10	\$41,800	
Modified Bitumen	30%			2032	* *	10	\$11,400	
Skylight, Metal/Glass	10%			2050	* *	10	\$12,700	
terior								
Floors								
Carpet	30%			2025	\$423,000	3	\$50,200	
Cast in Place Concrete	15%			LIFE	* *	5	\$36,600	
Ceramic Tile	5%			2037	* *	5	\$5,600	
Sheet Vinyl/Rubber	40%			2032	* *	5	\$66,900	
Terrazzo	10%			LIFE	* *	5	\$8,700	
Interior Walls	0.51			2025	als -t-	-	** 0000	
Ceramic Tile	3%			2037	* * *	5	\$2,800	
Glass: Single Pane	5%			LIFE		5	\$3,500	
Gypsum Board	70%			LIFE	* * *	5	\$39,200	
Metal Panel	10%			LIFE	* *			
Granite Panels	2%			LIFE	* *	F	¢27.200	
Wood	10%			LIFE	小 个	5	\$37,300	
Ceilings	E EO/			2041	* *	F	¢<1 200	
AcousTileSusp.Lay-In	55%			2041	* *	5	\$61,300	
Exposed Struc: Steel	5% 20%			LIFE	* *	5	¢27 000	
Gypsum Board	20%			LIFE	* *	5	\$27,900	
Plywood/Hardboard	20%			2050	~ ~	1		

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

Asset # : 13852

		A3561#.13					
Electrical	Current Repair Future Replacement Maintenance						
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2044	* *	5	\$300	
		Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Electri						
	Explanation : Ma	in Service Switch Ra	ted @ 40	000 Amperes			
Transformers							
Dry Type	100%		2037	* *	5	\$300	
		Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Electri						
	Explanation : 45	Kva, 208/120v					
Switchgear / Switchboard	1000/		••••	de de	-	\$200	
Fused Disc Sw	100%		2044	* *	5	\$300	
Raceway	1000/		2011	* *			
Conduit	100%		2044	Υ Υ	1		
Panelboards	1.00/		20.40	* *	F	¢200	
Fused Disc Sw	10%		2040	* *	5	\$200	
Molded Case Bkrs	90%		2040		5	\$1,800	
Wiring	1000/		2044	* *	1		
Thermoplastic Motor Controllers	100%		2044		1		
Locally Mounted	100%		2037	* *	5	\$500	
Ground	10070		2037		5	\$300	
Grounding Devices							
Generic	100%		LIFE	* *	5	\$1,100	
tand-by Power	10070		LIIL		5	φ1,100	
Transfer Switches							
Automatic	100%		2037	* *	1	\$22,900	
Generators						+;> • •	
Diesel	100%		2033	* *	1	\$28,800	
		Extent : Moderate, A		ected : 100%		+_0,000	
	Location : Electri						
	Explanation : Em	ergency Generator R	ated @ :	569 Kva			
Batteries	-	-					
Lead/Acid	100%		2018	\$1,500	5	\$2,800	
Fuel Storage							
Main Tank	100%		2052	* *	5	\$2,200	
	Other Observation,	Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Basem	ent					
	Explanation : 250	Gallons Capacity					

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 # : 13852

lectrical	C	Current Repair Future Replacement			Maintenance			
ystem Component Type		il Date l Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ghting								
Interior Lighting	700/			2020	* *	10	¢ 17 000	
Fluorescent	70%		1	2029		10	\$47,800	
	-		oderate, Area Affe A The Puilding	ectea : 10	00%			
		nrougnoi	ut The Building					
Fluorescent	30%			2029	**	10	\$20,500	
			ent : Moderate, A	rea Affe	cted : 100%			
		-	ut The Building					
	Explanation	ı : Compa	ct Fluorescent La	imps				
Egress Lighting	500/			2020	* *	1		
Emergency, Service	50%			2029	* *	1		
Exit, LED	50%			2052	Υ Υ	1		
Exterior Lighting	500/			2020	* *	10	¢100	
HID	50%			2029	* *	10	\$100	
Incandescent	50%			2029		2	\$100	
ghtning Protection								
Arresters/Cabling Generic	100%			2052	* *	5	\$2,200	
	100%			2032		5	\$2,200	
larm Security System								
Generic	100%			2029	* *	1	\$27,800	
Generie		ation Ex	ent : Moderate, A		cted · 100%	1	\$27,000	
			it The Building					
		-	V Surveillance C	ameras				
Fire/Smoke Detection	Laptementon							
Generic	100%			2029	* *	1-3	\$47,300	
		ation, Ext	ent : Moderate, A	rea Affe	cted : 100%		+ ,	
			tt The Building	55				
		-	-	ull Statio	on, Horns And Smo	oke Deteo	ctors	
	ł		0					
lechanical	C	urrent Re	pair	Futur	e Replacement	Μ	aintenance	
ystem	% of Fa	il Date 1	Estimated Cost	Vear	Estimated Cost	Cycle	Estimated Cost	Priori
Component Type		Years)	Lonnarea Cost	FY	Listiniated Cost	(Yrs)	Loimateu Cost	

Energy Source						
Natural Gas	100%	2050	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2037	* *	1	\$36,800	
	Other Observation, Extent : Light	ht, Area Affected : 100%				
	Location : Basement Boiler Ro	oom				
	Explanation : 9 Small Units					
Distribution						
Hot Wtr Piping/Pump	100%	2046	* *	4	\$5,500	
Terminal Devices						
Air Handler	70%	2032	* *	1	\$32,200	
Convector/Radiator	30%	2037	* *	1	\$7,200	

Air Conditioning

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

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

Asset # : 13852

Mechanical Current Repair Future Replacement Maintenance									
Current Repair Future Replacement				e Replacement	ment Maintenance				
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
100%			2046	* *	1				
100%			2029	* *	1	\$34,500			
		tent : Light, Area A	ffected :	100%					
Location	n : Roof	-	Affected	: 100%					
Explana	tion : 12 U	nits							
100%			2044	* *	4	\$3,700			
100%			2032	* *	1	\$46,100			
100%			2029	* *	2	\$51,900			
100%			LIFE	* *	2-5	\$41,500			
					_				
10%			2029	* *	2	\$200			
100%			2050	* *	1				
100%			2022	\$11,400	4	\$700			
Location	ı : Various	Areas							
Explana	tion : Units	s Installed Above C	eiling Pa	nels					
100%			LIFE	* *	1				
10070					•				
100%			LIFE	* *	1				
100%			2029	* *	4	\$2,500			
100%			2032	* *	4	\$1,600			
100%			2032	* *	1	\$4,600			
100%									
	Total 100% 100% R-22 Refr Location Location Explana 100%	% of Total Fail Date (Years) 100% 100% 100% 100% R-22 Refrigerant, Ex Location : Roof Explanation : 12 U 100% 100% 100% 1	Total (Years) 100% 100% 100% 100% R-22 Refrigerant, Extent : Light, Area A Location : Roof 100% Other Observation, Extent : Light, Area Location : Roof 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100%	% of Total Fail Date (Years) Estimated Cost (Years) Year FY 100% 2046 2029 2029 100% 2029 2029 2029 R-22 Refrigerant, Extent : Light, Area Affected : Location : Roof 2044 2032 0ther Observation, Extent : Light, Area Affected : Location : Roof 2044 100% 2032 100%<	% of Total Fail Date Estimated Cost FY Year Estimated Cost FY 100% 2046 *** 100% 2029 ** 100% 2029 ** 100% 2029 ** R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : Roof 100% 2014 ** 00% 2014 ** ** 100% 2014 ** 100% 2014 ** 100% 2014 ** 100% 2012 ** 100% 2012 ** 100% 2029 ** 100% 2029 ** 100% 2022 \$11,400 01her Observation, Extent : Light, Area Affected : 100% ** 100% 2022 \$11,400 0her Observation, Extent : Light, Area Affected : 100% ** 100% 2022 \$11,400 0her Observation, Extent : Light, Area Affected : 100% ** 100% LIFE ** 100% L	% of Total Fail Date (Years) Estimated Cost (Yrs) Year FY Estimated Cost (Yrs) Cycle (Yrs) 100% 2046 *** 1 100% 2029 ** 1 100% 2029 ** 1 R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : Roof 100% 1 0ther Observation, Extent : Light, Area Affected : 100% Location : Roof 2032 ** 4 100% 2032 ** 1 1 100% 2032 ** 2 2 100% 2032 ** 2 2 100% 2032 ** 2 2 100% 2032 ** 2 2 100% 2029 ** 2 2 100% 2022 \$11,400 4 4 100% 2029 ** 1 4 100% 2029 ** 1 100% 2029 ** 1 100%	% of Total Fail Date (Years) Estimated Cost (Years) Vear (Years) Estimated Cost (Yrs) Estimated Cost (Yrs) 100% 2046 ** 1 100% 2029 ** 1 \$34,500 R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : Roof 100% \$34,500 0ther Observation, Extent : Light, Area Affected : 100% 4 \$3,700 100% 2044 ** 4 \$3,700 100% 2032 ** 1 \$46,100 100% 2032 ** 2 \$51,900 100% 2029 ** 2 \$2,100 100% 2032 ** 2 \$2,100 100% 2050 ** 1 \$200 100% 2022 \$11,400 4 \$700 0ther Observation, Extent : Light, Area Affected : 100% 1 \$200 \$100% 100% 2050 ** 1 \$200 \$200 100% Light, Area Affected : 100% 1 \$200		

Vertical Transport

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 # : 13852

Mechanical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			
	Other Observation, Extent :	Light, Area Affected :	100%			
	Location : (2) C-5 (1) C	-4				
	Explanation : 3 Units, 2 Pa	ublic, 1 Staff				
Fire Suppression						
Standpipe						
No Component	50%					
Generic	50%	2050	* *	1-5	\$19,500	
	Other Observation, Extent :	Light, Area Affected :	50%			
	Location : Emergency Sta	irways				
	Explanation : Emergency	Stairways Only				
Sprinkler		· ·				
Generic	100%	2050	* *	1-2	\$20,900	
Fire Pump						
Generic	100%	2033	* *	1	\$13,900	

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

Print Date: 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: CENTRAL RESEARCH LIBRARY ST	FEPHEN A. SCHW	ARTZMAN BLDG
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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$615,400	\$1,154,600
Interior Architecture	\$925,900	\$4,766,200
Electrical	\$3,008,500	\$6,794,000
Mechanical	\$312,600	\$8,646,900
Total	\$4,862,300	\$21,361,700
Importance Code A	\$734,800	\$1,154,600
Importance Code B	\$4,127,500	\$17,793,400
Importance Code C		\$2,413,800
Total	\$4,862,300	\$21,361,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		\$11,200		
Interior Architecture	\$30,700	\$61,900	\$45,500	\$17,000
Electrical	\$75,000	\$114,600	\$103,300	\$72,400
Mechanical	\$195,900	\$291,900	\$199,300	\$252,300
Elevators/Escalators	\$23,700	\$23,700	\$23,700	\$23,700
Total	\$325,300	\$503,300	\$371,700	\$365,400
Importance Code A	\$27,500	\$38,100	\$25,600	\$25,600
Importance Code B	\$297,800	\$465,100	\$346,100	\$339,800
Importance Code C				
Total	\$325,300	\$503,300	\$371,700	\$365,400



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

Asset # : 1924

		Asset # : 1	3 24				
Architecture	Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior							
Exterior Walls							
Masonry: Marble	98%		LIFE	* *	5	\$218,600	
	Recent Repair Evider	0	rea Affec	cted : 35%			
	Location : Through	out					
Window Wall	2%		2043	* *	5	\$22,300	
Windows							
Bronze/Brass	100%		2031	* *	5	\$492,800	
Parapets	0.50/			de de	_	*• • • • •	
Masonry: Marble	95%		LIFE	* *	5	\$84,500	
	Recent Repair Evider Location : Through	-	геа Ајјес	ctea : 50%			
			2020	* *	5 10	¢ < 2,000	
Metal Rail	5%		2028	* *	5-10	\$63,800	
Roof Copper/Terne	30%		2038	* *	10	\$188,000	
Copper/Terne	Other Observation, E	Extent · Moderate			10	\$188,000	
	Location : Through		neunge	cieu : 10070			
	Explanation : Seale		Compour	nd.			
Copper/Terne	30%		2038	* *	10	\$188,000	
IRMA/Protected	5%		2023	\$108,300	10	\$12,500	
Membrane				+ ,		+;- • •	
Metal Panel	5%		2036	* *	10	\$23,000	
Modified Bitumen	15%		2033	* *	10	\$37,600	
	Recent Replace Evide	ent, Extent : Light, .	Area Affe	ected : 100%			
	Location : East Sid	е					
Single Ply Membrane	5%		2023	\$45,700	10	\$12,500	
Skylight, Metal/Glass	5% Now	\$200,600	2033	* *			
	Water Penetration, E		Area Affe	cted : 10%			
	Location : Bartos R	loom					
Sloped Glazing	5%		LIFE	* *	5	\$167,100	
iterior							
Floors							
Carpet	10%		2022	\$1,257,300	3	\$136,400	
Cast in Place Concrete	5%		LIFE	* *	5	\$99,400	
Ceramic Tile	3%		2032	* * *	5	\$27,300 \$55,700	
Cork Tile Marble Panels	7%	¢002 000	2033	* *	5	\$55,700	
Mardie Panels	45% Now Cracking/Crumbling,	\$802,900 Extent : Moderate	LIFE		5	\$306,900	
	Location : Corridor		, Area Aj	<i>Jecieu</i> . 10%			
Quoren Tilo			2020	* *	5	\$ < 9 200	
Quarry Tile Vinyl Tile	5% 15%		2028 2023		5 3	\$68,200 \$68,200	
Wood	10%		2023	\$1,256,300 * *	5	\$08,200 \$170,500	
	1070		2030		3	φ170,300	

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	#	:	1924

			ASSet # : 1	924				
Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior	-							
Interior Walls								
Ceramic Tile	5%			2026	\$1,745,400	5	\$58,400	
Concrete Masonry Unit	5%			LIFE	* *	5	\$23,400	
Glass: Single Pane	5%			LIFE	* *	5	\$43,800	
Gypsum Board	5%			LIFE	* *	5	\$35,000	
Metal Panel	5%			LIFE	* *			
Marble Panels	30%			LIFE	* *			
Plaster	25%			LIFE	* *	5	\$87,600	
Plaster	10%			LIFE	* *	5	\$35,000	
Wood	10%			LIFE	* *	5	\$467,000	
Ceilings								
AcousTileConcealSpLn	5%			2028	* *	5	\$75,600	
AcousTileSusp.Lay-In	5%			2036	* *	5	\$60,500	
Gypsum Board	5%			LIFE	* *	5	\$75,600	
Masonry: Infill Arch	5%			LIFE	* *			
Masonry: Marble	20%			LIFE	* *	1		
Metal Panel	5%			LIFE	* *	5	\$75,600	
Plaster	40%			LIFE	* *	5	\$302,300	
Plaster	15%			LIFE	* *	5	\$113,400	
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
System	% of		Estimated Cost		Estimated Cost		Estimated Cost	Driority
Component Type	Total	(Years)	Listinuteu Cost	FY	Listinuted Cost	(Yrs)	Listinuted Cost	1 Horney
ver 600 Volts								
Service Equipment								
Not Accessible	100%							
Transformers								
Dry Type	100%			2028	* *	3	\$3,600	
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	n : Electrica	al Room					
	Explana	tion : 4- 75	0 Kva, 4160/480/2	08 Volts				
Feeders								
Cable	100%			2031	* *	1		
Raceway								
Conduit	100%			2033	* *	1		
nder 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2043	* *	5	\$1,400	
		servation, E 1 : Electrica	Extent : Moderate, A al Room 1	Area Affe	ected : 100%			
			Service Protector	Rated @	4000 Amps			
Fused Disc Sw	50%			2043	**	5	\$1,400	
i used Dise Sw			Extent : Moderate, A		ected : 100%	5	ψ1, 1 00	
	Location	n : Electrica	al Room 2					

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

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. *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 Maintenance System Component Type % of Total Fail Date (Years) Estimated Cost FY Year Estimated Cost FY Cycle (Yrs) Estimated Cost (Yrs) Estimated Cost (Yrs)	
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	
Transformers Dry Type 10% 2028 ** 5 \$2,400 Other Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Room Explanation : 225 Kva, 112 Kva, 93 Kva, 75 Kva Switchgear / Switchboard Fused Disc Sw 30% 2043 ** 5 \$800 Fused Disc Sw 50% 2033 ** 5 \$14,00 Fused Disc Sw 20% 2023 \$84,700 5 \$600 Raceway Conduit 60% 2023 \$292,800 1 Panelboards Fused Disc Sw 20% 2022 \$58,300 5 \$3,000 Molded Case Bkrs 20% 2022 \$58,300 5 \$3,000 Molded Case Bkrs 20% 2.4 \$97,900 2048 ** 1 Insulation Aged, Extent : Moderate, Area Affected : 100% Location : Old Sections 1 1 1 Motor Controllers 20% 2.4 \$97,900 2048 ** 1 Insulation Aged, Extent : Moderate, Area Affected : 100% 20	Priorit
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	
Other Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Room Explanation : 225 Kva, 112 Kva, 93 Kva, 75 Kva Switchboard Fused Disc Sw 5 \$\$800 Fused Disc Sw 30% 2043 ** 5 \$\$800 Fused Disc Sw 50% 2033 ** 5 \$\$1,400 Fused Disc Sw 20% 2023 \$\$84,700 5 \$\$600 Raceway Conduit 60% 2023 \$\$292,800 1 Conduit 40% 2043 ** 1 Panelboards Fused Disc Sw 20% 2022 \$\$58,300 5 \$\$3,400 Molded Case Bkrs 20% 2022 \$\$58,300 5 \$\$3,400 Molded Case Bkrs 20% 2.4 \$97,900 2048 ** 1 Insulation Aged, Extent : Moderate, Area Affected : 100% Locally Mounted 10% 2023 \$195,700 1 Motor Controllers Locally Mounted 10% 2028 ** 5 \$400 M	
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	
$\begin{tabular}{ c c c c c c } \hline Explanation : 225 Kva, 112 Kva, 93 Kva, 75 Kva \\ \hline Switchgear / Switchboard \\ Fused Disc Sw 30\% 2043 ** 5 $$800 \\ Fused Disc Sw 50\% 2033 ** 5 $$1,400 \\ \hline Fused Disc Sw 20\% 2023 $$84,700 5 $$600 \\ \hline Raceway \\ Conduit 60\% 2023 $$292,800 1 \\ \hline Conduit 40\% 2043 ** 1 \\ \hline Panelboards \\ \hline Fused Disc Sw 20\% 2022 $$58,300 5 $$3,000 \\ Molded Case Bkrs 20\% 2022 $$58,300 5 $$3,400 \\ Molded Case Bkrs 60\% 2039 ** 5 $$10,200 \\ \hline Wiring \\ Braided Cloth 20\% 2-4 $$97,900 2048 ** 1 \\ \hline Insulation Aged, Extent : Moderate, Area Affected : 100% \\ \hline Location : Old Sections \\ \hline Thermoplastic 40\% 2023 $$195,700 1 \\ \hline Motor Control Iers \\ \hline Locally Mounted 10\% 2028 ** 5 $$400 \\ \hline Locally Mounted 10\% 2028 ** 5 $$12,300 \\ \hline Motor Control Center 70\% 2028 ** 5 $$12,300 \\ \hline Motor Control Center 10\% 2040 ** 5 $$1,800 \\ \hline Forund \\ \hline Grounding Devices \\ \hline Not Accessible 50\% \\ \hline Generic 50\% \\ LiFE ** 5 $$4,800 \\ \hline \end{tabular}$	
$\begin{tabular}{ c c c c c } \hline Fused Disc Sw & 30\% & 2043 & ** & 5 & \$800 \\ \hline Fused Disc Sw & 50\% & 2033 & ** & 5 & \$1,400 \\ \hline Fused Disc Sw & 20\% & 2023 & \$84,700 & 5 & \$600 \\ \hline \hline Raceway & & & & & & & & & & & & & & & & & & &$	
$\begin{tabular}{ c c c c c } \hline Fused Disc Sw 50\% 2033 ** 5 $1,400 \\ \hline Fused Disc Sw 20\% 2023 $84,700 5 $600 \\\hline \hline Raceway & & & & & & & & & & & & & & & & & & &$	
$\begin{tabular}{ c c c c c c } \hline Fused Disc Sw & 20\% & 2023 $$84,700 $5 $$600 \\ \hline Raceway & & & & & & & & & & & & & & & & & & &$	
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$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	
$\begin{tabular}{ c c c c c } \hline Conduit & 40\% & 2043 & ** & 1 \\ \hline Panelboards & & & & & & & & & & & & & & & & & & &$	
Panelboards 20% 2022 \$58,300 5 \$3,000 Molded Case Bkrs 20% 2022 \$58,300 5 \$3,400 Molded Case Bkrs 60% 2039 ** 5 \$10,200 Wiring Braided Cloth 20% 2-4 \$97,900 2048 ** 1 Insulation Aged, Extent : Moderate, Area Affected : 100% Location : Old Sections Location : Old Sections ** 1 Motor Controllers 40% 2023 \$195,700 1 Motor Controllers Locally Mounted 10% 2028 ** 5 \$400 Motor Control Center 70% 2028 ** 5 \$400 Motor Control Center 70% 2028 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$12,300 Ground Grounding Devices 50% LIFE ** 5 \$4,800	
Fused Disc Sw 20% 2022 \$58,300 5 \$3,000 Molded Case Bkrs 20% 2022 \$58,300 5 \$3,400 Molded Case Bkrs 60% 2039 ** 5 \$10,200 Wiring Braided Cloth 20% 2-4 \$97,900 2048 ** 1 <i>Insulation Aged, Extent : Moderate, Area Affected : 100% Location : Old Sections Location : Old Sections</i> ** 1 Thermoplastic 40% 2023 \$195,700 1 Motor Controllers Locally Mounted 10% 2028 ** 5 \$400 Locally Mounted 10% 2028 ** 5 \$400 Motor Control Center 70% 2028 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$12,800 Ground Grounding Devices Not Accessible 50% £14,800 \$	
Molded Case Bkrs 20% 2022 \$58,300 5 \$3,400 Molded Case Bkrs 60% 2039 ** 5 \$10,200 Wiring Braided Cloth 20% 2-4 \$97,900 2048 ** 1 Insulation Aged, Extent : Moderate, Area Affected : 100% Location : Old Sections 1 1 Thermoplastic 40% 2023 \$195,700 1 Motor Controllers Locally Mounted 10% 2028 ** 5 \$400 Locally Mounted 10% 2021 \$130,900 5 \$400 Motor Control Center 70% 2028 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$12,300 Ground Grounding Devices Not Accessible 50% LIFE ** 5 \$4,800	
Molded Case Bkrs 60% 2039 ** 5 \$10,200 Wiring Braided Cloth 20% 2-4 \$97,900 2048 ** 1 Insulation Aged, Extent : Moderate, Area Affected : 100% Location : Old Sections Thermoplastic 40% 2043 ** 1 Motor Controllers Locally Mounted 40% 2023 \$195,700 1 Motor Controllers Locally Mounted 10% 2028 ** 5 \$400 Motor Control Center 70% 2028 ** 5 \$400 Motor Control Center 70% 2028 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$12,300 Ground Grounding Devices Not Accessible 50% LIFE ** 5 \$4,800	
Wiring Braided Cloth 20% 2.4 Insulation Aged, Extent : Moderate, Area Affected : 100% Location : Old SectionsThermoplastic 40% 2043 **Thermoplastic 40% 2023 \$195,700Motor Controllers Locally Mounted 10% 2028 ** 5 Motor Control Center 70% 2028 ** 5 Motor Control Center 10% 2021 \$130,900 5 \$400Motor Control Center 70% 2028 ** 5 \$12,300GroundGrounding Devices Not Accessible 50% LIFE** 5 \$4,800	
Braided Cloth 20% 2-4 \$97,900 2048 ** 1 Insulation Aged, Extent : Moderate, Area Affected : 100% Location : Old Sections Location : Old Sections Thermoplastic 40% 2043 ** 1 Thermoplastic 40% 2023 \$195,700 1 Motor Controllers Kenther Kenther State \$5 \$400 Locally Mounted 10% 2028 ** \$5 \$400 Locally Mounted 10% 2021 \$130,900 \$5 \$400 Motor Control Center 70% 2028 ** \$5 \$12,300 Motor Control Center 10% 2040 ** \$5 \$1,800 Ground Grounding Devices Not Accessible \$0% \$140 \$130,900 \$5 \$4,800	
Location : Old Sections Thermoplastic 40% 2043 ** 1 Thermoplastic 40% 2023 \$195,700 1 Motor Controllers Locally Mounted 10% 2028 ** 5 \$400 Locally Mounted 10% 2021 \$130,900 5 \$400 Motor Control Center 70% 2028 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$1,800 Ground Grounding Devices Kot Accessible 50% LIFE ** 5 \$4,800	
Thermoplastic 40% 2045 1 Thermoplastic 40% 2023 \$195,700 1 Motor Controllers 2028 ** 5 \$400 Locally Mounted 10% 2021 \$130,900 5 \$400 Motor Control Center 70% 2028 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$1,800 Ground Grounding Devices 50% LIFE ** 5 \$4,800	
Motor Controllers 2028 ** 5 \$400 Locally Mounted 10% 2021 \$130,900 5 \$400 Motor Control Center 70% 2028 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$13,800 Ground Grounding Devices 50% LIFE ** 5 \$4,800	
Locally Mounted 10% 2028 ** 5 \$400 Locally Mounted 10% 2021 \$130,900 5 \$400 Motor Control Center 70% 2028 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$12,300 Ground 3 3 \$1,800 \$1,800 \$1,800 Grounding Devices Not Accessible 50% \$14 \$14,800 Generic 50% LIFE ** \$5 \$4,800	
Locally Mounted 10% 2021 \$130,900 5 \$400 Motor Control Center 70% 2028 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$12,800 Ground 3000 50% 50% 50% 11 11 Generic 50% 11 11 11 11 \$1000 <	
Motor Control Center 70% 2028 ** 5 \$12,300 Motor Control Center 10% 2040 ** 5 \$1,800 Ground Grounding Devices 50% 50% 11 Generic 50% 11 11 11	
Motor Control Center10%2040**5\$1,800Ground Grounding Devices Not Accessible50%Generic50%LIFE**5\$4,800	
Ground Grounding Devices Not Accessible 50% Generic 50% LIFE ** 5 \$4,800	
Grounding Devices Not Accessible50%Generic50%LIFE****5\$4,800	
Not Accessible 50% Generic 50% LIFE ** 5 \$4,800	
Generic 50% LIFE * * 5 \$4,800	
stand-by Power	
Transfer Switches	
Automatic 100% 2028 * * 1 \$199,000	
Generators	
Diesel 100% 2026 \$45,200 1 \$250,400	
Other Observation, Extent : Moderate, Area Affected : 100%	
Location : Generator Room	
Explanation : Emergency Diesel Generator Rated @ 500 Kw	
Batteries	
Nickel Cadmium100%2018\$1,6005\$144,100	

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

Asset # : 1924

Electrical	Current	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
tand-by Power							
Fuel Storage	50%		2039	* *	5	\$60,000	
Day Tank	Other Observation, 1	Extent · Moderate			5	\$00,000	
	Location : Genera		1,00011,550				
	Explanation : No A	vailable Rating Ca	pacity				
Main Tank	50%		2038	* *	5	\$9,500	
	Other Observation,	Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Genera						
	Explanation : 800	Gallons Capacity					
Lighting							
Interior Lighting Fluorescent	50%		2028	* *	10	\$296,600	
Thorescent	Other Observation, 1	Extent : Moderate, A		cted : 100%	10	φ290,000	
	Location : Offices		55				
	Explanation : T-8	Lamps					
Fluorescent	5%		2028	* *	10	\$29,700	
	Other Observation,			cted : 100%			
		g Area And Auditori					
	-	pact Fluorescent L	-				
Fluorescent	30%		2028	* *	10	\$177,900	
	Other Observation, I	Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Offices Explanation : T-12	Lamps					
Fluorescent	5%	Lamps	2028	* *	10	\$29,700	
Photescent	Other Observation, 1	Extent : Moderate. A			10	\$29,700	
	Location : Offices	,	55				
	Explanation : T-5	Lamps					
Incandescent	10%		2023	\$2,317,800	2	\$1,400	
Egress Lighting							
Emergency, Battery	20%		2028	* *	10	\$31,200	
Exit, LED	30%		2051	* *	1		
Exit, Service	50%		2028	* *	1		
Exterior Lighting Fluorescent	100%		2018	\$2 245 600	10	\$59,200	
Fluorescent	Other Observation, 1	Extent · Moderate		\$2,245,600 ected · 100%	10	\$39,200	
	Location : Outside		1,00011990				
		pact Fluorescent La	amps				
Alarm							
Security System							
No Component	70%			b -		*	
Generic	30%	Enterior M. J.	2023	\$635,800	1	\$72,500	
	Other Observation, Location : Hallway		area Affe	ctea : 100%			
	-	vs TV Surveillance 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 # : 1924

			Asset # 11	924				
Electrical	Current 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
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2023	\$2,902,300	1-3	\$164,200	
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Hallway	s And Mechanical	Spaces				
	Explana	tion : Stroł	pe Lights, Manual F	Pull Stati	ons, Horns			
Mechanical		Current	Popoir	E	e Replacement	м	aintenance	
System	0 (-					D • •
Component	% of		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Туре	Total	(Years)		FY		(Yrs)		
Heating								
Energy Source								
Utility Steam	90%			2033	* *	1		
Electricity	10%			2033	* *	1		
Conversion Equipment								
Heat Exchanger	80%			2019	\$119,400	1	\$255,800	
Pres. Reducing Valve/LP	10%			2032	* *	5	\$3,800	
Steam								
No Component	10%							
Distribution								
Hot Wtr Piping/Pump	50%			2031	* *	4	\$15,900	
Steam Piping/Pump	50%			2033	* *	4	\$23,900	
Terminal Devices								
Air Handler	45%			2023	\$1,529,800	1	\$180,000	
Convector/Radiator	40%			2028	* *	1	\$83,500	
Fan Coil Unit/Heat	10%			2023	\$944,100	1	\$20,900	
Unit Heater-Stm/HW	5%			2031	* *	4	\$3,000	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller				2026	\$661,000	1	\$244,900	
			Extent : Light, Area	Affected	: 35%			
		ı : Basemer						
	Explana	tion : R123	Refrigerant					
Reciprocating	20%			2023	\$475,500	1	\$60,000	
Compr/Chiller								
	-	igerant, Ex 1 : Basemer	tent : Light, Area A 1t	ffected :	20%			
No Component	10%							
Under Construction	35%							
Distribution								
Chilled Wtr Pipe/Pump	90%			2033	* *	4	\$43,000	
No Component	10%							
1								

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

Asset # : 1924

ASSet # : 1924								
Mechanical		Current F	Repair	Futur	e Replacement	nt Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	90%			2023	\$2,410,300	1	\$359,900	
No Component	10%							
Heat Rejection								
Water Cool Tower	90%			2024	\$1,628,800	2	\$585,700	
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$360,600	
Exhaust Fans								
Interior	90%			2023	\$696,900	2	\$17,800	
Roof	10%			2023	\$55,700	2	\$2,000	
lumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Electric	100%			2018	\$108,600	4	\$5,600	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	\$95,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	100				* 1 * 0 0 0		** * **	
Rigid Piping	100%			2018	\$12,000	4	\$2,500	
Sewage Ejector(s)								
Electric	100%			2018	\$12,000	4	\$2,500	
Backflow Preventer								
No Component	50%							
Generic	50%			2028	* *	1	\$19,800	
Fixtures								
Generic	100%							
/ertical Transport								
Elevators								
Geared Traction	80%	. –		LIFE	* *			
			xtent : Light, Area					
			3 (1) 1-3 (1) Fi	reight 1-3	5			
		tion : 5 Uni	ts					
Hydraulic	20%			LIFE	* *			
			xtent : Light, Area	Affected	: 20%			
		: C, G, 1-						
	Explana	tion : 1 Uni	t					
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	\$326,100	

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

Asset # : 1924

Mechanical	Curre	nt Repair	Futur	re Replacement	Μ	aintenance	
System Component Type	% of Fail Da Total (Year	ate Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression							
Sprinkler							
No Component	95%						
Generic	5%		2043	* *	1-2	\$9,100	

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

Print Date: 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: CHATHAM SQUARE BRANCH LIBI		
Address	: 33 EAST BROADWAY @CATHERIN	E ST.	
Borough	: MANHATTAN	Agency's Number	: C01
Program / Asset #	: NPL0C01.000 / 13325	Yr Built/Renovated	: 1903 / 2001
Area Sq Ft	: 14,038	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 25-Jun-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,3		
Block	: 280 Lot : 44	BIN	: 1003425

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$27,100		\$8,800	
Interior Architecture	\$6,800			\$2,400
Electrical	\$1,400	\$1,000	\$15,700	\$1,500
Mechanical	\$1,500	\$1,300	\$2,500	\$1,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$40,700	\$6,300	\$31,000	\$9,400
Importance Code A	\$27,800	\$700	\$9,500	\$700
	#10 000	¢ = <00	\$21 500	#0.500
Importance Code B	\$12,900	\$5,600	\$21,500	\$8,700
Importance Code B Importance Code C	\$12,900	\$5,600	\$21,500	\$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.

NEW YORK PUBLIC LIBRARY - 035 CHATHAM SQUARE BRANCH LIBRARY

Asset # : 13325

			Asset # : 13	325				
Architecture	Current Repair Future Replacement			Μ				
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	\$10,800	
Masonry: Granite	5%	0-2	\$10,600	LIFE	* *	5	\$700	
		r Miss/Eroo 1 : Through	d, Extent : Light, Ar out	rea Affec	rted : 10%			
Masonry: Limestone	35%	-	000	LIFE	* *	5	\$4,700	
Windows						-	1 7	
Aluminum		nc Not Fun	\$16,500 ct, Extent : Modera or Reading Room	2040 ate, Area	* * Affected : 5%	5	\$1,000	
Parapets			0					
Concrete Masonry Unit	10%			LIFE	* *	5	\$300	
Masonry: Brick	65%			LIFE	* *	5	\$1,700	
Masonry: Limestone	25%			LIFE	* *	5	\$800	
Roof Single Ply Membrane	100%			2029	* *	10	\$8,800	
terior								
Floors						_		
Carpet	5%			2023	\$13,300	3	\$2,100	
Ceramic Tile	5%			2037	* *	5	\$1,100	
Vinyl Tile	70%			2029	* *	3	\$7,400	
Wood	20%			2052	* *	5	\$7,900	
Interior Walls Plaster	100%			LIFE	* *	5	\$10,900	
Ceilings	100/0					5	\$10,700	
Plaster	100%			LIFE	* *	5	\$13,100	
lectrical		Current	Repair	Futur	re Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	\$100	
			Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Electrice						
	Explana	tion : One	800 Amps Main Dis	sconnect	Switch			
Switchgear / Switchboard	100-			a a : :		_	* * • • -	
Air Circuit Breaker	100%			2044	* *	5	\$100	
Raceway	100-			a a : :				
Conduit	100%			2044	* *	1		
Panelboards	_					-		
Fused Disc Sw	5%			2040	* *	5	* · ~ -	
Molded Case Bkrs	95%			2040	* *	5	\$400	
Wiring Thermoplastic	100%			2044	* *	1		

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

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

NEW YORK PUBLIC LIBRARY - 035 CHATHAM SQUARE BRANCH LIBRARY

Asset # : 13325

		Asset # : 13	3325				
Electrical	Current Repair Future Replacement Maintenance				aintenance		
System Component Type	% of Fail Dat Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts							
Motor Controllers							
Locally Mounted	100%		2037	* *	5	\$100	
Ground							
Grounding Devices Generic	100%		LIFE	* *	5	\$200	
Lighting	10070		LIFE		5	φ200	
Interior Lighting							
Fluorescent	45%		2029	* *	10	\$5,800	
		: Moderate, Area Aff ghout The Building	ected : 4.	5%			
Fluorescent	55%		2029	* *	10	\$7,100	
		Extent : Moderate, 2 ghout The Building 3 Lamps	Area Affe	ected : 100%			
Egress Lighting							
Emergency, Battery	50%		2029	* *	10	\$1,700	
Exit, LED	50%		2052	* *	1		
Exterior Lighting HID	100%		2029	* *	10		
Alarm Security System No Component Generic	50% 50%		2029	* *	1	\$2,600	
Fire/Smoke Detection	00,0		_0_/		-	\$ _, 000	
Generic	100%		2029	* *	1-3	\$8,900	
Mechanical	Curren	t Repair	Futur	e Replacement	М	aintenance	
System Component Type		te Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source Natural Gas	100%		2034	* *	1		
Conversion Equipment Hot Water Boiler	100% Other Observation Location : Basem Explanation : 1 U		2022 Affected	\$31,300 : 100%	1	\$6,900	
Distribution							
Hot Wtr Piping/Pump	100%		2032	* *	4	\$700	
Terminal Devices Convector/Radiator	100%		2029	* *	1	\$4,500	
ir Conditioning	100/0		2027		1	φτ,500	
Energy Source Electricity	100%		2032	* *	1		
					-		

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

NEW YORK PUBLIC LIBRARY - 035 CHATHAM SQUARE BRANCH LIBRARY

Asset # : 13325

Mechanical	Currer	Futur	Future Replacement Maintenance				
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment							
Ext Pkg Unit - Cooling	100%		2029	* *	2	\$900	
		Extent : Light, Area A	ffected :	100%			
	Location : Roof						
		, Extent : Light, Area	Affected	: 100%			
	Location : Roof						
	Explanation : 6 U	Inits					
Ventilation							
Distribution	1000/			* *	2.5	*7 000	
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,800	
Exhaust Fans	1000/		2020	* *	2	¢ 100	
Interior	100%		2029	* *	2	\$400	
Plumbing							
H/C Water Piping	1000/		2024	* *	1		
Brass/Copper Water Heater	100%		2034	••	1		
Water Heater Electric	100%		2022	\$2,200	4	\$100	
	100%		2022	\$2,200	4	\$100	
Sanitary Piping Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	100%		LIFE		1		
Cast Iron	100%		LIFE	* *	1		
Fixtures	10070		LIFL		1		
Generic	100%						
Vertical Transport	10070						
Elevators							
Hydraulic	100%		LIFE	* *			
i i y di dulle		, Extent : Light, Area		: 100%			
	Location : B-4		JJ				
	Explanation : 1 U	Jnit					
Fire Suppression	1						
Sprinkler							
No Component	80%						
Generic	20%		2034	* *	1-2	\$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.

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: COLUMBUS BRANCH LIBRARY		
Address	: 742 TENTH AVE. @W. 51 STREET		
Borough	: MANHATTAN	Agency's Number	: C03
Program / Asset #	: NPL0C03.000 / 13327	Yr Built/Renovated	: 1909 / 2013
Area Sq Ft	: 11,554	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 04-Mar-2008	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 1060 Lot : 63	BIN	: 1026706

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$147,300	\$109,500
Electrical		\$375,000
Mechanical		\$183,600
Total	\$147,300	\$668,100
Importance Code A	\$147,300	\$109,500
Importance Code B		\$558,600
Total	\$147,300	\$668,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$34,200	\$500	\$100	\$2,100
Interior Architecture	\$1,100	\$1,800		
Electrical			\$100	\$100
Mechanical	\$3,600	\$1,200	\$2,200	\$1,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
			_	
Total	\$42,900	\$7,400	\$6,300	\$7,300
Total Importance Code A	\$42,900 \$34,800	\$7,400 \$1,100	\$6,300 \$700	\$7,300 \$2,600
				,
Importance Code A	\$34,800	\$1,100	\$700	\$2,600



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

Asset # : 13327

chitecture	Current Repair Future Replacement			M				
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Exterior Walls						_		
Masonry: Brick	Location Jnt Morta Location Worn/Ero	Cracks, Ex 1 : Corners r Miss/Eroo 1 : East Fac	: Moderate, Area	te, Area A	Affected : 50%	5	\$11,600	
Masonry: Granite	5%			LIFE	* *	5	\$1,100	
Masonry: Limestone	50% Cracking/ Location	Crumbling, 1 : Over Ma	\$78,200 Extent : Light, Arc in Entrace l, Extent : Light, At	LIFE ea Affecte		5	\$10,800	
	Location	ı : Over Ma	in Entrance					
Stucco Cement	Locatior Diagonal	Crumbling, 1 : Bulkhead	tent : Moderate, Ar			5	\$1,800	
Windows	Locuitor	<i>i</i> . <i>Duikneu</i>	13					
Aluminum Metal Louvers	98% 2%			2035 2028	* * * *	5 10	\$4,100 \$500	
Parapets	270			2020		10	φ500	
Masonry: Brick	Location Jnt Morta Location	Cracks, Ex 1 : Interior r Miss/Eroo 1 : Through		Area Affe		5	\$500	1
		Extent : Sev 1 : Through	ere, Area Affected	: 50%				
	Vertical C	-	nt : Moderate, Are	a Affecte	d : 10%			
Masonry: Limestone	Location Caulking	r Miss/Erod 1 : Coping Deteriorate	\$300 I, Extent : Moderan d, Extent : Modera			5	\$100	
	Location	ı : Coping						
Masonry: Limestone	25%			LIFE	* *	5	\$400	
Metal Panel	5% 25%	N	¢1.000	2039	* * ¢< 100	5	\$200 \$1,000	
Metal: Cage/Fence	Location	/Rusting, E n : Through	\$1,200 Extent : Moderate, A out Extent : Moderate,			5	\$1,000	
		ıca I musn; 1 : Through						
Roof		5						
Modified Bitumen	100%			2024	\$68,000	10	\$11,800	

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

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

Asset # : 13327

Architecture	Current Repair		Future Replacement		Maintenance			
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
terior								
Floors								
Cast in Place Concrete	5%		LIFE	* *	5	\$1,900		
Ceramic Tile	5%		2032	* *	5	\$900		
Marble Panels	5%		LIFE	* *	5	\$700		
Slate	5%		LIFE	* *	5	\$900		
Vinyl Tile	80%		2027	* *	3	\$5,300		
Interior Walls								
Ceramic Tile	5%		2032	* *	5	\$1,300		
Glass: Single Pane	5%		LIFE	* *	5	\$1,000		
Gypsum Board	25%		LIFE	* *	5	\$3,900		
Plaster	65%		LIFE	* *	5	\$5,100		
Ceilings								
AcousTileSusp.Lay-In	20%		2036	* *	5	\$3,400		
Exposed Concrete	25%		LIFE	* *	5	\$700		
Gypsum Board	20%		LIFE	* *	5	\$4,300		
Plaster	35%		LIFE	* *	5	\$3,700		

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2039	* *	5	\$100	
	Other Observation, E	xtent : Moderate, A	Area Affe	cted : 100%			
	Location : Electrica	l Room					
	Explanation : Main	Service Protector	Rated @	800a			
Switchgear / Switchboard							
Fused Disc Sw	100%		2039	* *	5	\$100	
Raceway							
Conduit	100%		2039	* *	1		
Panelboards							
Fused Disc Sw	50%		2035	* *	5	\$100	
Molded Case Bkrs	50%		2035	* *	5	\$200	
Wiring							
Thermoplastic	100%		2039	* *	1		
Motor Controllers							
Locally Mounted	100%		2024	\$29,900	5	\$100	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
	Other Observation, E. Location : Basemen		Area Affe	cted : 100%			
	Explanation : Conn	ected To Main Wat	ter Pipe.				

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 # : 13327

ASSEL # . 15527								
Electrical	Current Repair			Futur	e Replacement	M	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ighting								
Interior Lighting								
Fluorescent	99%			2024	\$375,000	10	\$10,500	
	Location	1 : Through	Extent : Moderate, A out The Building 8 And Compact Flu					
HID	1%			2024	\$1,500	10		
Egress Lighting								
Emergency, Service	50%			2024	\$2,800	1		
Exit, LED	50%			2047	* *	1		
Mechanical		Current I	Renair	Futur	e Replacement	М	aintenance	
System	% of		Estimated Cost		Estimated Cost			Priority
Component Type	% of Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2039	* *	1		
Conversion Equipment								
Furnace	50%			2024	\$7,000	1	\$2,900	
Hot Water Boiler	50%			2032	* *	1	\$2,900	
Distribution								
Hot Wtr Piping/Pump	100%			2035	* *	4	\$600	
Terminal Devices								
Convector/Radiator	100%			2024	\$108,100	1	\$3,700	
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Ext Pkg Unit -	100%			2024	\$75,500	2	\$700	
Heating/Cooling								
Ventilation								
Distribution	1000/			LIPP	* *	2.5	¢c 400	
Ductwork/Diffusers	100%			LIFE		2-5	\$6,400	
Exhaust Fans Roof	100%			2024	\$0.100	2	\$400	
Plumbing	100%			2024	\$9,100	2	φ 4 00	
H/C Water Piping								
Galv Iron/Steel	100%			2032	* *	1		
Water Heater	10070			2002		1		
Gas Fired	100%			2017	\$2,700	2	\$200	
Sanitary Piping	20070				+ - ,, o		÷=00	
Cast Iron	100%			LIFE	* *	1		
			Extent : Moderate, A		ected : 10%			
	Location	n : Mostly E	asement, But Also	Present	In Upper Floors			
	Explana	tion : Sewe	r Smell Emiting Fr	om Bath	rooms			
Storm Drain Piping								
	100%			LIFE	* *			

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

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

Asset # : 13327

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	St Year Estimated Cos FY	st Cycle Estimated Cost (Yrs)	Priority
Plumbing				
Fixtures				
Generic	100%			
Vertical Transport				
Elevators				
Hydraulic	100%	LIFE *	*	
-	Other Observation, Extent : Light, A	rea Affected : 100%		
	Location : B,1,2			
	Explanation : One Unit			

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

 **
 Replacement cost estimated to be beyond ten years is not included in this report.
NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: COUNTEE CULLEN BRANCH LIBRARY							
Address	: 104 WEST 136TH ST. NEAR MALCO	LM 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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$643,300	\$36,900
Interior Architecture		\$191,000
Electrical		\$94,500
Mechanical	\$112,600	
Total	\$755,900	\$322,300
Importance Code A	\$755,900	\$36,900
Importance Code B		\$146,000
Importance Code C		\$139,500
Total	\$755,900	\$322,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$30,000			
Interior Architecture	\$11,200	\$17,300	\$14,300	\$800
Electrical	\$700	\$19,100	\$900	\$700
Mechanical	\$26,500	\$3,700	\$7,000	\$3,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$72,300	\$44,000	\$26,100	\$9,000
Importance Code A	\$30,000	\$2,400	\$2,300	\$2,300
Importance Code B	\$42,300	\$41,700	\$23,700	\$6,700
Importance Code C				
Total	\$72,300	\$44,000	\$26,100	\$9,000



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

Asset # : 4221

Architecture	Current Repair	Future Replacement	N	laintenance	
ystem Component Type	% of Fail Date Estimated Co Total (Years)	St Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
xterior					
Exterior Walls			_		
Cast in Place Concrete	2%	LIFE * *	5	\$3,500	
Masonry: Brick	30%	LIFE **	5	\$10,600	
Masonry: Brick	65% Now \$137,80		5	\$23,100	
	Diagonal Cracks, Extent : Moderate Location : Chimney	, Area Affected : 5%			
	Jnt Mortar Miss/Erod, Extent : Mod	erate, Area Affected : 50%			
	Location : East Facade, West Face	ıde			
	Worn/Eroded, Extent : Moderate, A	ea Affected : 25%			
	Location : West Facade, East Face	ıde			
Slate Panels	3% Now \$55,20	0 LIFE **	5	\$800	
	Broken/Missing Elements, Extent : S Location : Window Sills				
	Cracking/Crumbling, Extent : Sever Location : Window Sills	e, Area Affected : 100%			
	Spalling, Extent : Severe, Area Affec Location : Window Sills	ted : 50%			
Windows					
Aluminum	40% Now \$16,30	0 2039 **	5	\$2,000	
	Broken/Missing Elements, Extent : N Location : 3rd Floor Windows	Ioderate, Area Affected : 10%	ó		
	Hardware Missing, Extent : Modera	te. Area Affected : 10%			
	Location : 3rd Floor Windows				
Steel	60% 0-2 \$305,40	0 2048 **	5	\$36,900	1
51661	Corrosion/Rusting, Extent : Severe, Location : East Facade, West Fac	Area Affected : 35%	5	\$30,900	1
	Deteriorated Finish, Extent : Severe Location : East Facade, West Faca				
	Thermally Inefficient, Extent : Mode	rate, Area Affected : 100%			
	Location : East Facade, West Fac	ıde			

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

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
xterior								
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	\$1,000	
Masonry: Brick	25%	Now	\$6,300	LIFE	* *	5	\$1,100	
	Loose/Del	am Surface	e, Extent : Moderate	e, Area A	ffected : 25%			
	Location	: Interior	Face Of North Para	apet				
	Spalling, I	Extent : Mo	derate, Area Affect	ed : 25%	0			
	Location	: Interior	Face Of North Para	apet				
Masonry: Brick	65%	Now	\$49,400	LIFE	* *	5	\$2,900	
1.1400mg/ 2110m			l, Extent : Moderat		Affected : 50%	U	¢ _, > 0 0	
			l West Parapets	.,	33			
			derate, Area Affect	ed : 25%	<u></u>			
			l West Parapets	041207	<i>.</i>			
			: Moderate, Area	Affected	· 35%			
			l West Parapets	ŋjeereu	. 5570			
Maganmy Limastona	2%		\$900	LIFE	* *	5	\$100	
Masonry: Limestone	= / *					5	\$100	
			d, Extent : Moderat		Ajjeciea : 25%			
			At Parapet Over Me		ACC (1 250/			
	-		ed, Extent : Modera		Affected : 25%			
			At Parapet Over Me					
Metal Security Bars	2%		\$3,200	2063	* *			1
		0	xtent : Severe, Area	a Affecte	d : 50%			
	Locatior	a : At Roof	Over Mezzanine					
			s, Extent : Moderat	e, Area A	Affected : 25%			
	Locatior	a : At Roof	Over Mezzanine					
Metal: Cage/Fence	3%	Now	\$300	2028	* *	5	\$400	
č	Corrosion	/Rusting, E	xtent : Moderate, A	rea Affe	cted : 25%			
		n : At West						
	Deteriora	ted Finish,	Extent : Moderate,	Area Af	fected : 25%			
		n : At West		55				

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

Asset # : 4221

rchitecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type		^r ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior				-				
Roof								
Modified Bitumen	Location : Patching Ev Location :	Over Thi vident, Ext Through	tent : Light, Area A out, 2011	ffected :				1
	-		derate, Area Affect	ted : 50%	Ó			
	Location : Seams Oper Location :	ı/Split, Ex	tent : Severe, Area	Affectea	1 : 25%			
	Water Pene Location :		xtent : Moderate, A Floor	rea Affe	cted : 10%			
Panel/Paver: Cer/Brk	Cracking/C		\$9,300 Extent : Moderate ction Over Mezzan		* * ffected : 25%			
	Location :	Small Se	ings, Extent : Mod ction Over Mezzan	ine				
			: Moderate, Area ction Over Mezzan		: 25%			
Skylight, Metal/Glass	2%			2033	* *	10	\$1,100	
terior								
Floors	700/			2022	¢260.600	2	¢ 4 2 900	
Carpet	70% Recent Repl Location :		nt, Extent : Light, . 3rd Floor	2022 Area Affe	\$360,600 ected : 75%	3	\$42,800	
	Staining/Di Location :		Extent : Moderate t	, Area A	ffected : 25%			
Cast in Place Concrete	5%			LIFE	* *	5	\$4,500	
Ceramic Tile	5%			2032	* *	5	\$2,000	
Terrazzo	5% Cracking/C Location :	-	\$9,400 Extent : Moderate	LIFE , Area Aj	* * ffected : 10%	5	\$1,600	
Vinyl Tile	15%			2023	\$51,500	3	\$3,100	
Interior Walls					· ·			
Ceramic Tile	3%			2026	\$87,200	5	\$3,200	
Concrete Masonry Unit	5%			LIFE	* *	5	\$2,100	
Gypsum Board	82%			LIFE	* *	5	\$52,300	
Plaster	10%			LIFE	* *	5	\$3,200	
Ceilings								
AcousTileSusp.Lay-In	85%			2028	* *	5	\$34,600	
Gypsum Board	10%			LIFE	* *	5	\$5,100	
Plaster	5%			LIFE	* *	5	\$1,300	

System Component Type% of Fail Date Estimated Cost Total (Years)Year Estimated Cost FYCycle Estimated Cost (Yrs)Priority	Electrical	Current Repair	Future Replacement	Maintenance
	Component			5 5

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

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

Asset # : 4221

			ASSEL # . 4					
Electrical		Current F		Futur	e Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	\$100	
	Location	: Electrica						
	Explanat	ion : Two -	400 Amps Main Di	scconnec	et Switch			
Raceway								
Conduit	70%			2043	* *	1		
Conduit	30%			2033	* *	1		
Panelboards	7 00/			2020	ste ste	-	¢ 100	
Molded Case Bkrs	70%			2039	* * ¢< 700	5	\$400	
Molded Case Bkrs	30%			2022	\$6,700	5	\$200	
Wiring	70%			2043	* *	1		
Thermoplastic	70% 30%			2043 2023	\$8,200	1 1		
Thermoplastic Motor Controllers	30%			2023	\$8,200	1		
Locally Mounted	60%			2036	* *	5	\$100	
Locally Mounted	40%			2030	\$18,000	5	\$100	
Ground	4070			2021	\$18,000	5	\$100	
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
	Other Obso Location	ervation, E : Basemen ion : Wate			ected : 100%	C	4200	
lighting								
Interior Lighting								
Fluorescent	85%			2028	* *	10	\$18,200	
		ervation, E : Through	xtent : Moderate, A out	Area Affe	ected : 100%			
	Explanat	ion : Using	g T-8 Lamps					
Fluorescent	10%			2023	\$76,500	10	\$2,100	
	Location	: Basemen		Area Affe				
		ion : Using	g T-12 Lamps	0000		10		
HID	2%			2028	* *	10		
Incandescent	3%			2028	* *	2		
Egress Lighting	F 00/			2020	* *	1		
Emergency, Service	50%			2028	* *	1		
Exit, Service	50%			2028	<u>ጥ</u> ች	1		
Exterior Lighting	1000/			2029	* *	10	¢100	
HID	100%			2028	<u>ጥ</u> ች	10	\$100	
Alarm								
Security System	700/							
No Component	70%			2022	* *	1	¢0 (00	
Generic	30%			2033	<u>ጥ</u> ች	1	\$2,600	
Fire/Smoke Detection	700/							
No Component	70%			2022	* *	1.2	¢ 4 200	
Generic	30%			2033	-11-	1-3	\$4,300	

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 # : 4221

Mechanical		Current	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	Location	servation, H n : Boiler R	\$112,600 Extent : Moderate, 2 Coom its - Inadequate He			1	\$20,800	
Distribution								
Steam Piping/Pump		lent, Extent	\$16,200 : Moderate, Area A nd Condensate Retu			4	\$1,200	
Terminal Devices								
Air Handler	40%			2031	* *	1	\$5,800	
Convector/Radiator	60%			2036	* *	1	\$4,500	
Air Conditioning Energy Source Electricity	100%			2039	* *	1		
Conversion Equipment	10070			2037		1		
Ext Pkg Unit - Cooling		servation, H	Extent : Light, Area	2031 Affected	* *	2	\$500	
	Explana	tion : Refri	gerant Type 410a					
No Component	65%							
Terminal Devices								
Fan Coil - Cooling	35%			2031	* *	1	\$2,600	
No Component	65%							
Heat Rejection								
Air Condenser Unit	35%			2031	* *	2	\$5,700	
No Component	65%							
/entilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,000	
Exhaust Fans								
Roof	100%			2023	\$18,400	2	\$700	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Galv Iron/Steel	80%			2036	* *	1		
Water Heater	1000			0001	<i>₼न 1000</i>	2	***	
Gas Fired	100%			2021	\$5,400	2	\$300	
Sanitary Piping	1000/			LIPP	* *	1		
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	1000/			TIPP	* *	1		
Cast Iron	100%			LIFE	<u> </u>	1		
Sump Pump(s)	1000/			2017	¢c c00	А	¢0 500	
Submersible	100%			2017	\$6,600	4	\$2,500	

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

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

Asset # : 4221

Mechanical	Current Repai	r Future	Replacement	Μ	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	mated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent	: Light, Area Affected :	100%			
	Location : B, 1, M, 2, 3					
	Explanation : One Unit					
Fire Suppression						
Sprinkler						
No Component	85%					
Generic	15%	2043	* *	1-2	\$1,000	

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: EPIPHANY BRANCH LIBRARY						
Address	: 228 EAST 23RD ST. NEAR THIRD AV	Έ.					
Borough	: MANHATTAN	Agency's Number	: E03				
Program / Asset #	: NPL0E03.000 / 13331	Yr Built/Renovated	: 1907 / 2007				
Area Sq Ft	: 16,218	Project Type	: NEW YORK PUBLIC LIBRARY				
Date of Survey	: 26-Aug-2013	Landmark Status	: NONE				
Areas Surveyed	: Basement, Roof, Floors 1,3						
Block	: 903 Lot : 46	BIN	: 1019661				

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$178,800	
Electrical	\$92,400	\$409,400
Mechanical	\$203,200	\$52,000
Total	\$474,400	\$461,400
Importance Code A	\$178,800	
Importance Code B	\$295,600	\$461,400
Total	\$474,400	\$461,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$57,700		\$15,200	
Interior Architecture	\$60,500			\$8,300
Electrical	\$14,100	\$500	\$35,200	\$300
Mechanical	\$6,700	\$1,800	\$26,800	\$1,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
	¢142.000	\$6.200	¢01 100	¢14.400
Total	\$142,900	\$6,200	\$81,100	\$14,400
Importance Code A	\$142,900	\$0,200 \$800	\$81,100 \$16,200	\$14,400 \$800
		,	,	. ,
Importance Code A	\$58,500	\$800	\$16,200	\$800



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

Asset # : 13331

rchitecture		Current I	Renair		e Replacement	_M	aintenance	
ystem	o (_ 0							
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls Masonry: Brick			\$78,000 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$26,100	
Masonry: Granite	5% Jnt Morta	2-4	\$21,800 d, Extent : Light, Ai	LIFE rea Affec	* * ted : 10%	5	\$1,400	
Masonry: Limestone		2-4 r Miss/Eroo 1 : Through	\$100,800 d, Extent : Light, At out	LIFE rea Affec	* * ted : 10%	5	\$7,000	
Windows Aluminum		2-4 issing Elen 1 : Through	\$31,700 nents, Extent : Ligh out	2040 t, Area A	* * ffected : 20%	5	\$1,900	
Parapets Cast Stone/Terra Cotta			\$4,200 Extent : Light, Are out	LIFE ea Affecte	* * 2d : 10%	5	\$2,600	
Masonry: Brick	-		Extent : Light, Are	LIFE ea Affecte	* * ed : 10%	5	\$3,000	
Roof Modified Bitumen	100%	_		2029	* *	10	\$15,200	
terior								
Floors Carpet	60%			2023	\$184,200	3	\$29,100	
Vinyl Tile	35% //Cracking		\$14,300 Extent : Light, Are out	2029	* *	3	\$3,200	
Wood	5%			2052	* *	5	\$2,300	
Interior Walls Gypsum Board	-	2-4 Crumbling, 1 : Through	\$1,300 Extent : Light, Are out	LIFE ea Affecte	* * ed : 5%	5	\$3,800	
Masonry: Brick Plaster	15% 70% Cracking/	2-4	\$23,500 Extent : Light, Are	LIFE LIFE ea Affecte	* * * * ed : 10%	5	\$8,900	
Ceilings AcousTileConcealSpLn	20% Cracking/	0-2	\$11,700 , Extent : Severe, A	2037 rea Affec	* * ted : 20%	5	\$3,000	
AcousTileSusp.Lay-In	10%			2037	* *	5	\$2,400	
Gypsum Board	5%			LIFE	* *	5	\$1,500	
Plaster	60%			LIFE	* *	5	\$9,100	

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

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

Asset # : 13331

Electrical		Current R	lepair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$1,500	5	\$400	
			xtent : Moderate, A	Area Affe	ected : 100%			
		: Basement						
	Explana	tion : One 7	00 Amps Main Di	sconnect	Switch			
Switchgear / Switchboard	1000/			a . a .	\$22 000	_	\$ 100	
Molded Case Bkrs	100%			2024	\$32,000	5	\$400	
Raceway				2024	ate ate			
Conduit	5%			2034	**	1		
Conduit	95%			2024	\$29,500	1		
Panelboards	1.04			00000	61 500	-		
Fused Disc Sw	10%			2023	\$1,500	5	¢ 100	
Molded Case Bkrs	90%			2023	\$13,300	5	\$400	
Wiring	500/	2.4	¢12 700	20.40	* *	1		
Braided Cloth	50%	2-4	\$13,700	2049		1		
		Agea, Exte : Througho	nt : Moderate, Are out	a Affecte	2d : 50%			
Thermoplastic	10%			2034	* *	1		
Thermoplastic	40%			2024	\$11,000	1		
Motor Controllers	1070			2021	\$11,000			
Locally Mounted	100%			2022	\$29,900	5	\$100	
round					+-> ,> • •		+	
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
ighting								
Interior Lighting								
Fluorescent	20%			2029	* *	10	\$3,000	
	Other Obs	ervation, E.	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: 2nd Floo	r & Childrens Roo	m				
	Explana	ion : T-5 L	amps					
Fluorescent	77%			2024	\$409,400	10	\$11,500	
	Other Obs	ervation, E.	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Through	out The Building					
	Explana	ion : Using	T-12 Lamps					
Incandescent	3%		-	2019	\$16,000	2		
Egress Lighting	270					_		
Emergency, Battery	50%			2024	\$10,800	10	\$2,000	
Exit, Service	50%			2024	\$1,100	1	+=,= 30	
Exterior Lighting	2 0 / 0				+ - , - 00	-		
HID	70%			2019	\$42,500	10		
Incandescent	30%			2019	\$15,500	2		

Alarm

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

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

Asset # : 13331

		ASSEL#.13					
Electrical	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
larm	•						
Fire/Smoke Detection No Component Generic	70% 30% Other Observation, I Location : Through Explanation : No S	out The Building		\$49,900 cted : 100%	1-3	\$3,000	
Mechanical	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type		Estimated Cost		Estimated Cost		Estimated Cost	Priority
leating							
Energy Source Natural Gas	100%		2044	* *	1		
Conversion Equipment Hot Water Boiler	100%		2029	* *	1	\$8,000	
Distribution Hot Wtr Piping/Pump	100% Now Leak Evident, Extent Location : Boiler S		00	**	4	\$800	
Terminal Devices	Localion i Doller S		, .				
Air Handler	60%		2024	\$52,000 * *	1	\$6,000	
Convector/Radiator	40%		2029	* *	1	\$2,100	
Energy Source Electricity	100%		2040	* *	1		
Conversion Equipment Int Pkg Unit - Cooling	75% 0-2 Other Observation, 1 Location : 3rd Floo Explanation : Obso	or Mechanical Room	00	* *	2	\$600	
Ext Pkg Unit - Cooling	25% Now Malfunctioning, Exter Location : Control	\$900 ent : Moderate, Are	2019 a Affected	\$18,500 d:5%	2	\$200	
Heat Rejection Remote Air Cond	50% 0-2 Other Observation, I Location : Roof Explanation : Obse	\$48,000 Extent : Moderate, A	2034 Area Affe	* * cted : 100%	2	\$4,500	
No Component	50%						
/entilation Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$9,000	
Exhaust Fans	10070		LILL		2-5	\$2,000	
Interior	70%		2029	* *	2	\$400	
Roof Plumbing	30%		2029	* *	2	\$200	

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

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

Asset # : 13331

Mechanical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
lumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2019	\$3,700	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	\$2,200	LIFE	* *	1		
	Leak Evid	ent, Extent	: Moderate, Area A	Affected :	30%			
	Location	a : Basemen	nt Stack					
Backflow Preventer								
Generic	100%			2024	\$1,600	1	\$1,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Basemen	nt: 3rd Floor					
	Explana	tion : One	Unit					
ire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2044	* *	1-2	\$700	

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: FORT WASHINGTON BRANCH LIB	RARY	
Address	: 535 WEST 179TH ST. NEAR AUDUBC	ON AVE.	
Borough	: MANHATTAN	Agency's Number	: F01
Program / Asset #	: NPL0F01.000 / 13332	Yr Built/Renovated	: 1914 / 1976
Area Sq Ft	: 15,158	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 01-Jul-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,3		
Block	: 2153 Lot : 53	BIN	: 1063632

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$887,300	\$64,300
Interior Architecture	\$179,500	\$66,900
Electrical	\$609,900	
Mechanical	\$45,100	\$48,600
Total	\$1,721,700	\$179,800
Importance Code A	\$887,300	\$64,300
Importance Code B	\$766,100	\$115,500
Importance Code C	\$68,300	
Total	\$1,721,700	\$179,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$41,400		\$10,300	
Interior Architecture	\$73,400		\$2,000	\$16,300
Electrical	\$2,700	\$1,300	\$14,200	\$1,100
Mechanical	\$77,800	\$1,800	\$3,900	\$1,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$199,200	\$7,100	\$34,300	\$23,200
Importance Code A	\$76,700	\$700	\$11,000	\$700
Importance Code B	\$122,600	\$6,400	\$23,300	\$22,500
Importance Code 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. ** Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 13332

rchitecture	Current Re	epair	Futur	e Replacement	Μ	aintenance	
rstem Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls							
Masonry: Brick	60% Now	\$295,600	LIFE	* *	5	\$33,000	
	Diagonal Cracks, Exter	nt : Moderate, Ai	ea Affect	ted : 40%			
	Location : Chimney						
	Jnt Mortar Miss/Erod,		te, Area A	Affected : 50%			
	Location : North And						
	Spalling, Extent : Mode		ted : 30%	ó			
	Location : North And						
	Worn/Eroded, Extent :		Affected	: 25%			
	Location : North And	West Facades					
Masonry: Granite	5% Now	\$96,600	LIFE	* *	5	\$2,100	
	Jnt Mortar Miss/Erod,		te, Area A	Affected : 25%			
	Location : South Face	ade					
Masonry: Limestone	25% Now	\$495,100	LIFE	* *	5	\$10,300	
	Jnt Mortar Miss/Erod,	Extent : Moderat	te, Area A	Affected : 25%			
	Location : South Face	ade					
	Misaligned/Bulging, Ex	xtent : Moderate,	Area Afj	fected : 5%			
	Location : South Face	ade					
	Staining/Discoloring, H	Extent : Moderate	e, Area A	ffected : 25%			
	Location : South Face	ade					
	Other Observation, Ext	tent : Moderate, 1	Area Affe	ected : 100%			
	Location : South Face	ade					
	Explanation : Sidewa	lk Shed In Use					
Metal Panel	10%		2034	* *	5-10	\$37,800	
Windows							
Under Construction	100%						

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

Asset # : 13332

Architecture		Current	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	Location Diagonal Location Jnt Morta	: Interior Cracks, Ex : Northwe	tent : Moderate, Ar st Corner l, Extent : Moderat	ea Affec	ted : 10%	5	\$2,000	
	Spalling, I	Extent : Mo	derate, Area Affect	ed : 25%	6			
	Location	: West Fa	cade					
Masonry: Limestone	5%			LIFE	* *	5	\$200	
Masonry: Sandstone	2%	Now	\$400	LIFE	* *	5	\$100	
Metal: Cage/Fence	Other Obs Location Explanat 5%	ervation, E : At First tion : This 4+	At First Floor Para Extent : Moderate, A Floor Parapet Component Is Actu \$500	Area Affe ally Blue 2029	estone * *	5	\$400	
	Location Deteriora	: East Fac	Extent : Moderate,	55				
Stucco Cement	Location Other Obs Location	: Coping ervation, E : Coping	\$600 Extent : Moderate Extent : Moderate, A to Cement Has Bee	Area Affe	ected : 50%	5 onry Ston	\$200 e Coping	
Roof								
Asphalt Shingle	-	0-2 Crumbling : Through	\$400 Extent : Light, Are out	2027 ea Affect	* * ed : 10%			
Modified Bitumen Skylight, Metal/Glass		2-4 Crumbling : Through	\$16,900 Extent : Light, Arc out	2024 2034 ea Affect	\$64,300 * * ed : 10%	10	\$11,100	

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 # : 13332

rchitecture	Current	Repair	Futur	e Replacement	M	aintenance	
rstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Floors		.			-	* - - - - - - - - - -	
Carpet	5% 2-4 Broken/Missing Elen Location : Through	-	2020 t, Area Aj	\$14,300 ffected : 10%	3	\$1,700	
Cast in Place Concrete	10% Now Cracking/Crumbling Location : Stairs	\$4,700 , Extent : Moderate	LIFE , Area A <u>f</u>	* * fected : 15%	5	\$5,000	
Ceramic Tile	3% 2-4 Cracking/Crumbling Location : Through	-	2027 ea Affecte	* * ed : 10%	5	\$300	
Cork Tile	15%		2034	* *	5	\$3,000	
Quarry Tile	3%		2029	* *	5	\$1,000	
Vinyl Tile	14% Now Broken/Missing Eler Location : Third F Worn/Eroded, Exten Location : Third F	loor, Basement t : Severe, Area Affe			3	\$1,200	
Vinyl Tile	35% 2-4 Cracking/Crumbling Location : Through	-	2024 ea Affecte	\$66,900 ed : 10%	3	\$3,000	
Wood	15% Now Dry Rot/Decay, Exte Location : Third F Split/Cracked, Exten Location : Third F Worn/Eroded, Exten Location : Third F	loor t : Severe, Area Affe loor t : Moderate, Area 4	ected : 50	0%	5	\$3,200	
Interior Walls							
Plaster	25% Now Cracking/Crumbling Location : Third F Loose/Delam Surfac Location : Third F Paint Peeling, Exten Location : Third F Water Penetration, I	loor e, Extent : Light, Ar loor t : Severe, Area Affe loor	ea Affect	ed : 25% 00%	5	\$4,300	
	Location : Third F	loor					
Plaster	75% Now Deteriorated Finish, Location : Through	iout			5	\$12,900	
	Paint Peeling, Exten Location : Through		Affected :	· 20%			

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

Asset # : 13332

		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings	250/	N	¢ 22 100		* *	~	¢2,500	
Plaster	25% Creaking		\$22,100 Extent : Severe, A	LIFE		5	\$3,500	
		t : Third Fl		reu Ajjet	neu . 2576			
			e, Extent : Light, Ar	ea Affec	tod · 25%			
		ı : Third Fl		cungee				
			Extent : Severe, Area	a Affecte	d : 25%			
		1 : Third Fl						
Plaster	75%	4+	\$11,100	LIFE	* *	5	\$10,600	
1 laster			t : Moderate, Area		: 20%	5	\$10,000	
		1 : Through		-55				
								ľ
Electrical		Current	Repair	Futur	e Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Jnder 600 Volts								
Jnder 600 Volts	100%	2-4	\$1,500	2054	* *	5		
Jnder 600 Volts Service Equipment	On Extend	led Life, Ex	tent : Moderate, A			5		
Jnder 600 Volts Service Equipment	On Extend Location	led Life, Ex 1 : Electrico	tent : Moderate, An al Room	rea Affec	ted : 100%	5		
Jnder 600 Volts Service Equipment	On Extend Location Other Obs	led Life, Ex 1 : Electrico servation, E	ttent : Moderate, Ai al Room Extent : Moderate, A	rea Affec	ted : 100%	5		
Jnder 600 Volts Service Equipment	On Extend Location Other Obs Location	ded Life, Ex 1 : Electrico servation, E 1 : Electrico	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe	ted : 100% ected : 100%	5		
Jnder 600 Volts Service Equipment Fused Disc Sw	On Extend Location Other Obs Location	ded Life, Ex 1 : Electrico servation, E 1 : Electrico	ttent : Moderate, Ai al Room Extent : Moderate, A	rea Affec Area Affe	ted : 100% ected : 100%	5		
Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard	On Extend Location Other Obs Location Explana	ded Life, Ex 1 : Electrico servation, E 1 : Electrico tion : Main	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe Rated @	ted : 100% octed : 100% 800 Amps		\$ 100	
Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs	On Extend Location Other Obs Location	ded Life, Ex 1 : Electrico servation, E 1 : Electrico tion : Main	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe	ted : 100% ected : 100%	5	\$400	
Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway	On Extend Location Other Obs Location Explana 100%	led Life, Ex 1 : Electrico servation, E 1 : Electrico tion : Main	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe Rated @ 2024	ted : 100% ected : 100% 800 Amps \$32,000	5	\$400	
Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	On Extend Location Other Obs Location Explana	led Life, Ex 1 : Electrico servation, E 1 : Electrico tion : Main	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe Rated @	ted : 100% octed : 100% 800 Amps		\$400	
Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards	On Extend Location Other Obs Location Explana 100%	led Life, Ex 1 : Electrico servation, E 1 : Electrico tion : Main	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe <u>Rated @</u> 2024 2024	ted : 100% octed : 100% <u>800 Amps</u> \$32,000 \$31,100	5	\$400	
Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw	On Extend Location Other Obs Location Explana 100% 100%	led Life, Ex 1 : Electrica servation, E 1 : Electrica tion : Main	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe <u>2024</u> 2024 2023	ted : 100% octed : 100% <u>800 Amps</u> \$32,000 \$31,100 \$1,500	5 1 5	`	
Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	On Extend Location Other Obs Location Explana 100%	led Life, Ex 1 : Electrica servation, E 1 : Electrica tion : Main	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe <u>Rated @</u> 2024 2024	ted : 100% octed : 100% <u>800 Amps</u> \$32,000 \$31,100	5	\$400	
Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring	On Extend Location Other Obs Location Explana 100% 100% 10% 90%	led Life, Ex 1 : Electrica servation, E 1 : Electrica tion : Main	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe <u>Rated @</u> 2024 2024 2023 2023	ted : 100% ected : 100% 800 Amps \$32,000 \$31,100 \$1,500 \$13,300	5 1 5 5	`	
Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic	On Extend Location Other Obs Location Explana 100% 100% 100% 90%	led Life, Ex 1 : Electrico servation, E 1 : Electrico tion : Main	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe <u>Rated @</u> 2024 2024 2023 2023 2024	ted : 100% octed : 100% <u>800 Amps</u> \$32,000 \$31,100 \$1,500	5 1 5	`	
Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Thermoplastic	On Extend Location Other Obs Location Explana 100% 100% 10% 90%	led Life, Ex 1 : Electrico servation, E 1 : Electrico tion : Main	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe <u>Rated @</u> 2024 2024 2023 2023	ted : 100% ected : 100% <u>800 Amps</u> \$32,000 \$31,100 \$13,300 \$26,100	5 1 5 5 1	`	
Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Thermoplastic Motor Controllers	On Extend Location Other Obs Location Explana 100% 100% 10% 90% 95% 5%	led Life, Ex 1 : Electrica servation, E 1 : Electrica tion : Main	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe 2024 2024 2023 2023 2023 2024 2024	ted : 100% ected : 100% <u>800 Amps</u> \$32,000 \$31,100 \$1,500 \$13,300 \$26,100 **	5 1 5 5 1 1	\$400	
Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Thermoplastic	On Extend Location Other Obs Location Explana 100% 100% 100% 90%	led Life, Ex 1 : Electrica servation, E 1 : Electrica tion : Main	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe <u>Rated @</u> 2024 2024 2023 2023 2024	ted : 100% ected : 100% <u>800 Amps</u> \$32,000 \$31,100 \$13,300 \$26,100	5 1 5 5 1	`	
Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring Thermoplastic Thermoplastic Thermoplastic Motor Controllers Locally Mounted	On Extend Location Other Obs Location Explana 100% 100% 10% 90% 95% 5%	led Life, Ex 1 : Electrica servation, E 1 : Electrica tion : Main	tent : Moderate, Ai al Room Extent : Moderate, A al Room	rea Affec Area Affe 2024 2024 2023 2023 2023 2024 2024	ted : 100% ected : 100% <u>800 Amps</u> \$32,000 \$31,100 \$1,500 \$13,300 \$26,100 **	5 1 5 5 1 1	\$400	

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

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

Asset # : 13332

lectrical		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ghting								
Interior Lighting Fluorescent	20%			2029	* *	10	\$2,800	
	Location		Extent : Moderate, A ht & 1st Floor amps	Area Affe	cted : 100%			
Fluorescent	Location		Extent : Moderate, A out The Building Lamps	2019 Area Affe	\$347,900 cted : 100%	10	\$9,700	
Incandescent	10%			2019	\$49,700	2		
Egress Lighting								
Emergency, Battery	50%			2024	\$10,100	10	\$1,800	
Exit, Service	50%			2024	\$1,100	1		
Exterior Lighting HID	100%			2019	\$56,700	10		
larm								
Security System	500/							
No Component Generic	50% 50%			2032	* *	1	\$2,800	
Fire/Smoke Detection	5070			2032		1	\$2,000	
Generic	100%			2019	\$155,600	1-3	\$9,300	
lechanical		Current F	Repair	Futur	e Replacement	Ma	aintenance	
ystem Component	% of		Estimated Cost		Estimated Cost	-	Estimated Cost	Priorit
Туре	Total	(Years)		FY		(Yrs)		
eating Energy Source		(Tears)						
eating Energy Source Natural Gas	Total	(rears)		FY 2044	* *	(Yrs)		
eating Energy Source <u>Natural Gas</u> Conversion Equipment	100%		\$22,800	2044		1	¢c 700	
eating Energy Source Natural Gas	100%	0-2	\$33,800 Extent : Severe Al	2044 2044	* *		\$6,700	
eating Energy Source <u>Natural Gas</u> Conversion Equipment	100% 100% Obsolete 1	0-2	Extent : Severe, An	2044 2044	* *	1	\$6,700	
eating Energy Source <u>Natural Gas</u> Conversion Equipment Hot Water Boiler	100% 100% Obsolete 1	0-2 Equipment,	Extent : Severe, An	2044 2044	* *	1	\$6,700	
eating Energy Source <u>Natural Gas</u> Conversion Equipment	100% 100% Obsolete 1	0-2 Equipment, 1 : Basemen	Extent : Severe, An	2044 2044	* *	1	\$6,700	
eating Energy Source <u>Natural Gas</u> Conversion Equipment Hot Water Boiler Distribution	100% 100% Obsolete I Locatior 100% Corroded,	0-2 Equipment, 1 : Basemen Now	Extent : Severe, Ai t \$3,800 oderate, Area Affe	2044 2044 rea Affect 2032	* * ted : 100% * *	1		
eating Energy Source <u>Natural Gas</u> Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	100% 100% Obsolete I Location 100% Corroded, Location	0-2 Equipment, 1 : Basemen Now . Extent : M	Extent : Severe, Ai t \$3,800 oderate, Area Affe	2044 2044 eea Affect 2032 cted : 5%	* * ted : 100% * *	1 1 4	\$700	
eating Energy Source <u>Natural Gas</u> Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	100% 100% Obsolete I Location 100% Corroded, Location 60%	0-2 Equipment, 1 : Basemen Now . Extent : M	Extent : Severe, Ai t \$3,800 oderate, Area Affe	2044 2044 2044 2032 2032 ccted : 5% 2024	* * ted : 100% * * 5 \$48,600	1 1 4 1	\$700 \$5,600	
eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	100% 100% Obsolete I Location 100% Corroded, Location	0-2 Equipment, 1 : Basemen Now . Extent : M	Extent : Severe, Ai t \$3,800 oderate, Area Affe	2044 2044 eea Affect 2032 cted : 5%	* * ted : 100% * *	1 1 4	\$700	
eating Energy Source <u>Natural Gas</u> Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	100% 100% Obsolete I Location 100% Corroded, Location 60%	0-2 Equipment, 1 : Basemen Now . Extent : M	Extent : Severe, Ai t \$3,800 oderate, Area Affe	2044 2044 2044 2032 2032 ccted : 5% 2024	* * ted : 100% * * 5 \$48,600	1 1 4 1	\$700 \$5,600	

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

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

Asset # : 13332

Mechanical		Current	Repair	Futur	re Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	t Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	65%		\$45,100	2034	* *	· 2	\$500	
	-	igerant, Ex 1 : Roof Toj	tent : Light, Area A	ffected :	100%			
			Extent : Light, Area	Affected	1 · 100%			
	Location		мет . Ligni, Areu	Ајјестеи	1. 10070			
		tion : 2 Un	its					
No Component	35%							
Terminal Devices	0070							
Air Handler/Cool/Ht	35%	0-2	\$14,500	2034	* *	• 1	\$3,000	
	Obsolete 1	Equipment,	Extent : Severe, Ar	ea Affec	ted : 100%			
	Location	ı : Basemer	nt					
No Component	65%							
Heat Rejection								
Remote Air Cond	35%		\$20,400	2034	* *	· 2	\$3,000	
			evere, Area Affected	d : 100%	2			
	Location	-						
No Component	65%							
/entilation Distribution								
Distribution Ductwork/Diffusers	100%			LIFE	* *	· 2-5	\$8,500	
Plumbing	10070			LIIL		23	ψ0,500	
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	· 1		
Water Heater								
Gas Fired	100%		\$3,500	2024	\$3,500) 2	\$200	
		-	tent : Severe, Area	Affected	l : 100%			
	Location	n : Basemer	at states and sta					
Sanitary Piping	1000/				* >	: 1		
Cast Iron	100%			LIFE		· 1		
Storm Drain Piping Cast Iron	100%	Now	\$1,000	LIFE	* *	• 1		
Cust non			: Moderate, Area A		: 15%	1		
			The Basement					
Fixtures								
Generic	100%							
			xtent : Severe, Area	Affected	d : 100%			
	Location	ı : 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.

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: FRANCIS MARTIN BRANCH LIBRARY					
Address	: 2150 UNIVERSITY AVE. @W. 181 ST.					
Borough	: BRONX	Agency's Number	: F02			
Program / Asset #	: NPL0F02.000 / 13333	Yr Built/Renovated	: 1957 / 2008			
Area Sq Ft	: 17,130	Project Type	: NEW YORK PUBLIC LIBRARY			
Date of Survey	: 24-Jan-2008	Landmark Status	: NONE			
Areas Surveyed	: Basement, Roof, Floors 1,2					
Block	: 3211 Lot : 5	BIN	: 2014579			

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$66,000	
Interior Architecture		\$43,200
Electrical	\$190,900	\$337,000
Mechanical	\$100,700	
Total	\$357,700	\$380,200
Importance Code A	\$66,000	
Importance Code B	\$291,700	\$380,200
Total	\$357,700	\$380,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$4,000			\$13,500
Interior Architecture	\$10,000	\$135,500		
Electrical	\$39,200		\$34,600	\$100
Mechanical	\$12,900	\$1,600	\$54,500	\$1,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$70,000	\$141,100	\$93,000	\$19,200
Importance Code A	\$4,900	\$800	\$900	\$14,300
Importance Code B	\$62,400	\$140,200	\$92,100	\$4,900
Importance Code C	\$2,800			
Total	\$70,000	\$141,100	\$93,000	\$19,200



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

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

Asset # : 13333

rchitecture		Current	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	\$3,400	
Masonry: Brick	96%			LIFE	* *	5	\$32,900	
Masonry: Granite	2%	0-2	\$4,000	LIFE	* *	5	\$500	
			d, Extent : Light, A	rea Affec	ted : 10%			
	Locatior	ı : Through	out					
Windows								
Aluminum	90%			2041	* *	5	\$6,600	
Glass Block	10%			LIFE	* *	5	\$500	
Parapets								
Masonry: Brick	100%			LIFE	* *	5	\$2,700	
		Extent : Lig 1 : At Copir	ht, Area Affected : ngs	10%				
Roof	1000/			2020	¢ < < 000	~	¢ 2 < 000	
Roll Roofing	100%			2020	\$66,000	5	\$26,900	
erior								
Floors	40%			2018	\$129,700	2	¢15 400	
Carpet Cast in Place Concrete	40% 5%			LIFE	\$129,700 * *	3 5	\$15,400 \$2,800	
Terrazzo	5%			LIFE	* *	5	\$2,800	
Vinyl Tile	20%			2024	\$43,200	3	\$1,000	
Under Construction	20% 30%			2024	\$45,200	3	\$1,900	
Interior Walls	5070							
Concrete Masonry Unit	5%			LIFE	* *	5	\$500	
Glazed Ceramic Panel	5%	Now	\$700	LIFE	* *	5	φ500	
			ients, Extent : Seve		Affected : 5%			
		-	And Under Window			п		
			xtent : Moderate, A		-			
			n Basement Storag					
Gypsum Board	5%			LIFE	* *	5	\$700	
Plaster	55%	Now	\$2,000	LIFE	* *	5	\$3,800	
Tuster			uents, Extent : Seve		Affected : 5%	5	ψ5,000	
		-	And Under Window			п		
Under Construction	30%					-		
Ceilings	30%							
AcousTileConcealSpLn	45%			2032	* *	5	\$14,400	
Gypsum Board	10%			LIFE	* *	5	\$3,200	
Plaster	5%			LIFE	* *	5	\$800	
Under Construction	40%					5	φ000	
	1070							
lectrical		Current	Donoin	Entre	e Replacement	84	aintenance	

System Component Type% of Fail Date (Years)Fail Date Fail Date FYState FyCycle (Yrs)Estimated Cost (Yrs)Priority	Electrical	Current Repair	Future Replacement	Maintenance
	Component			5 5

Under 600 Volts

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

Asset # : 13333

			Asset # : 13					
Electrical		Current	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2039	* *	5	\$100	
			Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Electrico						
	Explana	tion : Two	Electrical Services	Rated A	t 400a And 200a.			
Switchgear / Switchboard	1000			2010	*22 000	_	***	
Molded Case Bkrs	100%			2019	\$32,000	5	\$500	
Raceway	500/			2020	ste ste	1		
Conduit	50%			2039	* *	1		
Conduit	40%			2029	* *	1		
Conduit	10%			2045	* *	1		
Panelboards	C 00/			2025	* *	5	¢200	
Molded Case Bkrs	60%			2035	* *	5	\$300 \$200	
Molded Case Bkrs	40%			2027	* *	5	\$200	
Wiring	400/			2020	* *	1		
Thermoplastic	40%			2039 2029	* *	1		
Thermoplastic	40% 20%			2029	* *	1 1		
Thermoplastic Motor Controllers	20%			2043	••	1		
Locally Mounted	100%			2024	\$29,900	5	\$100	
	100%			2024	\$29,900	5	\$100	
Ground Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
Generie		servation. H	Extent : Moderate, A		ected : 100%	5	ψ500	
		ı : Basemer		1,00011550				
			nected With Main W	ater Pin	e.			
Lighting								
Interior Lighting								
Fluorescent	5%			2017	\$28,100	10	\$800	
	Other Ob:	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Some Ar	rea					
	Explana	tion : Com	pact Fluorescent					
Fluorescent	60%			2024	\$337,000	10	\$9,400	
	Other Ob.	servation, E	Extent : Moderate, A					
	Location	ı : Through	out					
	Explana	tion : Lamp	o T-8					
Fluorescent	29%			2017	\$162,900	10	\$4,600	
		servation, E	Extent : Moderate, A			10	\$ 1,000	
		ı : Through						
		tion : Lam						
HID	1%	1		2019	\$2,200	10		
Incandescent	5%			2017	\$28,100	2		
Egress Lighting	2.70			/	<i>4_0,100</i>	-		
Exit, Service	50%			2017	\$1,200	1		
Exit, Battery	50%			2017	\$3,900	10	\$600	

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

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

Asset # : 13333

			Assel # . Is					
Mechanical		Current	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
leating								
Energy Source								
Natural Gas	100%			2039	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2032	* *	1	\$8,500	
Distribution								
Hot Wtr Piping/Pump	100%			2035	* *	4	\$800	
Terminal Devices								
Air Handler	10%			2019	\$9,200	1	\$1,100	
Convector/Radiator	90%		\$7,200	2032	* *	1	\$4,500	
			t : Severe, Area Aff		0%			
	Location	1 : Staff Loi	unge And Librarian	Office				
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment				_				
Reciprocating	10%			2019	\$5,800	1	\$800	
Compr/Chiller								
Ext Pkg Unit -	90%			2019	\$100,700	2	\$900	
Heating/Cooling								
Terminal Devices	1.00/			2010	#7.0 00		¢1 100	
Air Handler/Cool/Ht	10%			2019	\$7,200	1	\$1,100	
No Component	90%							
Heat Rejection	1.00/			2010	¢10,100	2	¢1 200	
Remote Air Cond	10%			2019	\$10,100	2	\$1,200	
No Component	90%							
Ventilation Distribution								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,600	
Exhaust Fans	100%			LIFE		2-3	\$9,000	
Interior	90%			2019	\$16,900	2	\$500	
Roof	90% 10%			2019	\$1,300	$\frac{2}{2}$	\$100	
lumbing	1070			2019	\$1,500	2	φ100	
H/C Water Piping								
Brass/Copper	30%			2039	* *	1		
Galv Iron/Steel	50% 70%			2032	* *	1		
Water Heater	7070			2002		•		
Gas Fired	100%			2017	\$3,900	2	\$300	
Sanitary Piping	10070			2017	φ3,700	-	ψ500	
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	10070					1		
Cast Iron	100%			LIFE	* *	1		
Fixtures	10070					1		
Generic	100%							
Conorre			Extent : Light, Area	Affected	: 25%			
		1 : 2 Nd Fl		JJ				
			Rooms Are Under (Construc	tion In Children's	Area		
Vortical Transport	2.1.p.10.110							

Vertical Transport

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

Asset # : 13333

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

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

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: GEORGE BRUCE BRANCH LIBRARY					
Address	: 518 WEST 125TH ST. NEAR AMSTER	RDAM AVE.				
Borough	: MANHATTAN	Agency's Number	: G01			
Program / Asset #	: NPL0G01.000 / 13334	Yr Built/Renovated	: 1915 / 2001			
Area Sq Ft	: 17,723	Project Type	: NEW YORK PUBLIC LIBRARY			
Date of Survey	: 11-Jul-2013	Landmark Status	: EXTERIOR LANDMARK			
Areas Surveyed	: Basement, Roof, Floors 1,2,3					
Block	: 1980 Lot : 22	BIN	: 1059688			

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$85,400	\$42,400
Interior Architecture	\$47,400	\$146,600
Electrical	\$93,300	\$31,800
Mechanical		\$243,400
Total	\$226,100	\$464,100
Importance Code A	\$85,400	\$42,400
Importance Code B	\$140,700	\$421,800
Total	\$226,100	\$464,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$108,100		\$800	
Interior Architecture	\$28,800	\$3,100	\$2,500	\$1,300
Electrical	\$10,800	\$200	\$33,600	\$200
Mechanical	\$23,200	\$1,900	\$45,700	\$2,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$174,800	\$9,100	\$86,600	\$7,800
Importance Code A	\$109,000	\$900	\$1,900	\$900
Importance Code B	\$57,900	\$7,800	\$84,600	\$6,900
Importance Code C	\$8,000	\$500		
Total	\$174,800	\$9,100	\$86,600	\$7,800



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

Asset # : 13334

rchitecture	Current F	Repair	Future	e Replacement	М	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Exterior Walls							
Masonry: Brick	70% Now Diagonal Cracks, Ext Location : Through Jnt Mortar Miss/Eroa Location : Through Worn/Eroded, Extent	out l, Extent : Moderat out, Bulkhead	te, Area A	ffected : 50%	5	\$9,000	
	Location : Through	out, Bulkhead					
Masonry: Brick	10%		LIFE	* *	5	\$1,300	
Masonry: Limestone	5%		LIFE	* *	5	\$500	
Masonry: Marble	10% Now	\$33,700	LIFE	* *	5	\$1,000	
	Jnt Mortar Miss/Eroa Location : North An Staining/Discoloring, Location : North Fa Worn/Eroded, Extent Location : North Fa	d South Facades Extent : Moderate cade : Moderate, Area	e, Area Afj	fected : 25%			
Stucco Cement	5%		2029	* *	5	\$1,600	
Windows					-	+ - , • • •	
Metal Clad	15% Now Bent/Warped Element Location : Old Apar Corrosion/Rusting, E. Location : Old Apar	tment xtent : Severe, Are		-	5	\$1,000	
Wood	35% Now Dry Rot/Decay, Exten Location : Old Apar Split/Cracked, Extent	tment	-		5	\$3,600	1
	Location : Old Apar	tment					
Wood	50%		2032	* *	5	\$10,300	
Parapets							
Masonry: Brick	80% Now Jnt Mortar Miss/Eroa Location : Througho Worn/Eroded, Extent Location : Througho	out : Moderate, Area .			5	\$1,200	
Masonry: Limestone	15%		LIFE	* *	5	\$300	
Masonry: Marble	5% Now Jnt Mortar Miss/Eroa Location : Coping Worn/Eroded, Extent Location : Coping				5	\$100	

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

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

Asset # : 13334

Architecture		Current	Repair	Futur	e Replacement	Μ			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Roof	4.504			2 024	* 12 100	10	* < = 0.0		
Modified Bitumen	45%		***	2024	\$42,400	10	\$6,700		
Modified Bitumen		netration, E	\$37,700 Extent : Severe, Are d Apartment	2034 a Affecte	* * d : 20%			1	
			a Aparimeni * : Moderate, Area 1	Affected	. 250/				
			. Moderate, Area . d Apartment	чјјестец	. 2370				
Skylight, Metal/Glass	10%		\$47,800	2034	* *				
	Broken/Missing Elements, Extent : Moderate, Area Affected : 15% Location : Over Main Roof								
		/Rusting, E 1 : Over Ma	Extent : Moderate, A in Roof	Area Affe	cted : 20%				
Slate	5%	Now	\$2,700	LIFE	* *				
		issing Elen 1 : At Dorm	nents, Extent : Mod eers	erate, Ar	ea Affected : 15%				
	-	Crumbling 1 : At Dorm	, Extent : Moderate pers	, Area A	ffected : 25%				
nterior									
Floors									
Carpet	10%			2023	\$36,700	3	\$5,300		
Cast in Place Concrete	10%			LIFE	* *	5	\$5,800		
Ceramic Tile	5%			2033	* *	5	\$1,300		
Vinyl Tile	60%			2024	\$146,600	3	\$6,000		
Wood	10%			2039	* *	5	\$5,000		
Wood	Location	issing Elen 1 : Old Apa	\$47,400 nents, Extent : Seve rtment t : Severe, Area Aff			5	\$1,200		
	-	i : Old Apa			070				
Interior Walls		· r··							
Ceramic Tile	5%			2033	* *	5	\$900		
Gypsum Board	25%			LIFE	* *	5	\$2,800		
Plaster	65%			LIFE	* *	5	\$3,600		
Plaster	5%	Now	\$8,000	LIFE	* *	5	\$300		
	Cracking/Crumbling, Extent : Severe, Area Affected : 50% Location : Old Apartment								
		-	e, Extent : Severe, A	Area Affe	cted : 50%				
		ı : Old Apa		55					

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

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

Asset # : 13334

Architecture		Current	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings								
AcousTileSusp.Lay-In	5%			2037	* *	5	\$1,300	
Gypsum Board	10%			LIFE	* *	5	\$3,300	
Plaster	80%			LIFE	* *	5	\$13,300	
Plaster	5%	Now	\$18,900	LIFE	* *	5	\$800	
		-	nents, Extent : Seve	re, Area	Affected : 50%			
		ı : Old Apa						
		-	e, Extent : Severe, A	rea Affe	cted : 50%			
		ı : Old Apa						
			Extent : Moderate, A	rea Affe	cted : 25%			
	Location	ı : Old Apa	rtment					
Electrical		Current	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2034	* *	5	\$500	
			Extent : Moderate, A	Area Affe	cted : 100%			
		ı : Electric						
	Explana	tion : Mair	n Service Disconnec	t Switch	Rated @ 800 Amp	eres		
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	* *	5	\$500	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	2%			2032	* *	5		
Molded Case Bkrs	98%			2032	* *	5	\$500	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	50%			2022	\$16,400	5	\$100	
Locally Mounted	50%			2029	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%	Now	\$10,300	LIFE	* *	5	\$300	
			Extent : Severe, Are	a Affecte	d : 100%			
	Location	ı : Water M	leter Room					
			onnected Ckt Groun					

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 # : 13334

lectrical		Current Repair	Futur	e Replacement	M	aintenance	
ystem Component Type		Fail Date Estimated ((Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
ghting							
Interior Lighting	F 0/		2010	421 000	10	\$ 222	
Fluorescent	5%		2019	\$31,800	10	\$800	
	-	, Extent : Moderate, Ar Basement	ea Affectea :	100%			
Fluorescent	90%		2029	* *	10	\$14,600	
	Location :	rvation, Extent : Moder Throughout The Build on : Compact Fluoresce	ing				
Fluorescent	5%	1	2024	\$31,800	10	\$800	
	T-8 Lamps,	Extent : Moderate, Are Staff Room			10	4000	
Egress Lighting							
Emergency, Battery	50%		2024	\$12,900	10	\$2,100	
Exit, LED	40%		2039	* *	1		
Exit, Service	10%		2024	\$300	1		
Exterior Lighting							
Incandescent arm	100%		2019	\$61,500	2		
Security System No Component Generic	70% 30% Other Obse	rvation, Extent : Moder	2019 ate. Area Affe	\$17,400	1	\$2,000	
	Location :	Hallways On : Intrusion Alarm Or					
echanical	Location : Explanation	Hallways on : Intrusion Alarm Or	ıly		M	aintenance	
	Location : Explanation % of H	Hallways	ıly Futur	e Replacement Estimated Cost		aintenance Estimated Cost	Priori
rstem Component Type ating	Location : Explanation % of H	Hallways on : Intrusion Alarm Or Current Repair Fail Date Estimated O	ily Futur Cost Year	e Replacement	Cycle		Priori
stem Component Type	Location : Explanation % of H	Hallways on : Intrusion Alarm Or Current Repair Fail Date Estimated O	ily Futur Cost Year	e Replacement	Cycle (Yrs)		Priori
rstem Component Type ating Energy Source	Location : Explanation % of H Total 100% 0ther Obse	Hallways on : Intrusion Alarm Or Current Repair Fail Date Estimated O	Lost Year FY 2034 2037 Area Affected	e Replacement Estimated Cost * *	Cycle (Yrs)		Priori
stem Component Type ating Energy Source Natural Gas Conversion Equipment	Location : Explanation % of H Total 100% 0ther Obse Location :	Hallways on : Intrusion Alarm Or Current Repair Fail Date Estimated O (Years)	Lost Year FY 2034 2037 Area Affected	e Replacement Estimated Cost * *	Cycle (Yrs)	Estimated Cost	Priori
stem Component Type ating Energy Source Natural Gas Conversion Equipment	Location : Explanation % of H Total 100% 0ther Obse Location :	Hallways on : Intrusion Alarm Or Current Repair Fail Date Estimated C (Years) rvation, Extent : Light, . Basement Boiler Roon	Lost Year FY 2034 2037 Area Affected	e Replacement Estimated Cost * *	Cycle (Yrs)	Estimated Cost	Priori
stem Component Type ating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution	Location : Explanation % of H Total 100% 0ther Obse Location : Explanation 100% 100% Leak Eviden	Hallways on : Intrusion Alarm Or Current Repair Fail Date Estimated C (Years) rvation, Extent : Light, . Basement Boiler Roon	Ily Futur Cost Year FY 2034 2037 Area Affected 1 2032 00 2022	e Replacement Estimated Cost ** ': 100% ** \$181,400	Cycle (Yrs) 1	Estimated Cost \$8,800	Priori
Type Type Eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	Location : Explanation % of H Total 100% 0ther Obse Location : Explanation 100% 100% Leak Eviden	Hallways on : Intrusion Alarm Or Current Repair Fail Date Estimated O (Years) rvation, Extent : Light, Basement Boiler Room on : 1 Unit Now \$9,1 tt, Extent : Moderate, A	Ily Futur Cost Year FY 2034 2037 Area Affected 1 2032 00 2022	e Replacement Estimated Cost ** ': 100% ** \$181,400	Cycle (Yrs) 1 1	Estimated Cost \$8,800 \$900	Priori

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

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

Asset # : 13334

lechanical		Current	Repair	Futur	e Replacement	Μ	eplacement Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit		
ir Conditioning										
Conversion Equipment Reciprocating Compr/Chiller	30%			2019	\$19,500	1	\$2,500			
Compi/Chine	Locatior	n : Basemen igerant, Ex	tent : Moderate, A. ht tent : Light, Area A							
Ext Pkg Unit - Cooling	70% R-22 Refr Location	-	tent : Light, Area A	2024 ffected :	\$62,000 70%	2	\$800			
Distribution Chilled Wtr Pipe/Pump	30% Insul. Det Location	eriorating,	\$1,400 Extent : Severe, Ar	2024 ea Affect	\$28,200 ed : 30%	4	\$300			
No Component	70%									
Terminal Devices										
Direct Expansion	30%			2019	\$17,900	1				
No Component	70%									
Heat Rejection Air Condenser Unit	Location	n : Roof	\$11,500 Extent : Moderate, A	2034 Area Affe	* * cted : 30%	2	\$3,000			
N. C.		llon : On E	xtended Life							
No Component	70%									
entilation Distribution										
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,900			
Exhaust Fans	10070			LIFE		2-5	\$9,900			
Roof	20%			2024	\$3,100	2	\$100			
No Component	80%			_0	\$0,100	-	\$100			
lumbing H/C Water Piping										
Brass/Copper	100%			2034	* *	1				
Water Heater Gas Fired	100%			2019	\$4,500	2	\$300			
Sanitary Piping Cast Iron	100%			LIFE	* *	1				
Storm Drain Piping Cast Iron	100%			LIFE	* *	1				
Fixtures Generic	100%									
ertical Transport	100/0									
Elevators										
Hydraulic			Extent : Light, Area Imez, 2, 2mez	LIFE Affected	* * : 100%					

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

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

 Note :
 All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 2016 Print Date: 23-Oct-2015

Asset Name	: GRAND CONCOURSE BRANCH LIB	RARY	
Address	: 155 EAST 173RD ST. @SELWYN AVE		
Borough	: BRONX	Agency's Number	: G02
Program / Asset #	: NPL0G02.000 / 13335	Yr Built/Renovated	: 1959 / 2003
Area Sq Ft	: 18,670	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 22-Jan-2008	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2,3		
Block	: 2824 Lot : 34	BIN	: 2007870

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$137,700	
Interior Architecture		\$105,900
Electrical	\$275,400	\$306,000
Mechanical		\$140,600
Total	\$413,100	\$552,600
Importance Code A	\$137,700	
Importance Code B	\$275,400	\$552,600
Total	\$413,100	\$552,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$38,200			
Interior Architecture	\$16,100	\$1,600		\$165,300
Electrical	\$42,200	\$3,000	\$51,200	\$200
Mechanical	\$6,300	\$1,500	\$31,200	\$1,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$106,700	\$10,000	\$86,300	\$171,000
Importance Code A	\$39,100	\$900	\$15,400	\$900
Importance Code B	\$67,600	\$9,100	\$71,000	\$170,100
Importance Code C				
Total	\$106,700	\$10,000	\$86,300	\$171,000



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

Asset # : 13335

Architecture		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	100%		\$69,100	LIFE	* *	5	\$23,100	
	-	-	Extent : Severe, A	rea Affec	rted : 10%			
		1 : Above E Mine/Eng			A (C 1 . 150/			
			d, Extent : Moderat	e, Area A	Affected : 15%			
		1 : Through	oui Extent : Moderate,	Anog Af	facted , 100/			
	-		exient . Moaerate, orner And Over Ma					
Windows	Locuitor	<i>i</i> . <i>i</i> . <i>i</i> . <i>i</i> . <i>c</i>		in Linia	nce			
Aluminum	100%	Now	\$9,800	2035	* *	5	\$2,400	
7 Hummuni			Extent : Moderate, 1		ected : 10%	5	φ2,400	
		: Through						
Parapets		0						
Masonry: Brick	100%	Now	\$24,900	LIFE	* *	5	\$4,400	1
5	Effloresce	nce, Exten	: Light, Area Affec)		. ,	
	Location	1 : Through	out					
	Jnt Morta	r Miss/Ero	d, Extent : Severe, A	Area Affe	ected : 30%			
	Location	ı : Through	out					
		Extent : Lig 1 : Through	ht, Area Affected : out	5%				
Roof		0						
Roll Roofing	100%	Now	\$3,400	2018	\$68,600	5	\$14,000	
-	Ponding, 1	Extent : Mo	oderate, Area Affec	ted : 5%				
	Location	ı : Through	out					
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 5%			
	Location	ı : Third Fl	oor					
terior								
Floors					A - - - -	~	* • • • • • •	
Carpet	45%			2020	\$159,100	3	\$25,100	
Terrazzo	10%			LIFE	* *	5	\$2,200	
Vinyl Tile	45%			2024	\$105,900	3	\$4,700	
Interior Walls	1000/					_	\$11.100	
Plaster	100%			LIFE	* *	5	\$11,400	
Ceilings	700/			2022	* *	F	¢10, c00	
AcousTileSusp.Lay-In	70%			2032	* *	5	\$19,600 \$5,200	
Plaster	30%			LIFE		5	\$5,200	
Electrical		Current	Repair	Futur	e Replacement	Μ	aintenance	
system	% of		Estimated Cost		Estimated Cost		Estimated Cost	Priorit
Component	Total	(Years)	Lonnaitu Cost	FY	Lonnattu Cost	(Yrs)	Estimated Cost	

Under 600 Volts

Туре

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

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

Asset # : 13335

lectrical	Current	Repair	Futur	e Replacement	Μ	aintenance		
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
nder 600 Volts								
Service Equipment								
Fused Disc Sw	50%		2019	\$700	5			
	Other Observation, I Location : Electric		Area Affe	cted : 100%				
		400 Amps Main Dis	sconnect	Switch				
Molded Case Bkrs	50%	400 Amps Main Di	2029	* *	5	\$200		
Molded Case BRIS	Other Observation, 1	Extent · Moderate			5	\$200		
	Location : Electric		neunge	cieu : 10070				
		350 Amps Main Dis	sconnect	Switch				
Switchgear / Switchboard	Lipianenti one			5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Molded Case Bkrs	100%		2019	\$32,000	5	\$500		
Raceway				+,	-	+•••		
Conduit	50%		2029	* *	1			
Conduit	50%		2039	* *	1			
Panelboards								
Molded Case Bkrs	20%		2018	\$3,000	5	\$100		
Molded Case Bkrs	80%		2035	* *	5	\$400		
Wiring								
Braided Cloth	10% 2-4	\$2,700	2044	* *	1			
	Insulation Aged, Ext Location : Baseme		fected : 1	00%				
		u						
Thermoplastic	70%		2029	* *	1			
Thermoplastic	20%		2039	* *	1			
Motor Controllers Locally Mounted	100%		2017	\$29,900	5	\$100		
ound	10070		2017	φ29,900	5	\$100		
Grounding Devices								
Generic	100% 2-4	\$9,400	LIFE	* *	5	\$300		
	Other Observation, I	. ,	Area Affe	cted : 100%				
	Location : Water M	1ain						
	Explanation : Corr	oded						
ghting								
Interior Lighting								
Fluorescent	35%		2019	\$214,200	10	\$6,000		
	Other Observation, 1		Area Affe	cted : 100%				
	Location : Through							
	Explanation : Usin	g T-12 Lamps						
Fluorescent	50%	/	2024	\$306,000	10	\$8,600		
	Other Observation, 1		Area Affe	cted : 100%				
	Location : Through							
	Explanation : Usin	g T-8 Lamps						
HID	5%		2019	\$12,100	10			
Incandescent	10%		2019	\$61,200	2			
Egress Lighting								
Emergency, Service	40%		2024	\$3,600	1			
Exit, LED	30%		2047	* *	1			
Exit, Service	30%		2024	\$800	1			

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

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

Asset # : 13335

Mechanical	Current Repair			Futur	e Replacement	M		
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	•							
Energy Source								
Natural Gas	60%			2029	* *	1		
Interruptible Gas/Dual	40%			2039	* *	1		
Fuel								
Conversion Equipment								
Furnace	60%			2019	\$13,600	1	\$5,500	
Hot Water Boiler	40%			2032	* *	1	\$3,700	
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	\$6,200	
Hot Wtr Piping/Pump	40%			2035	* *	4	\$400	
Terminal Devices								
Convector/Radiator	40%			2032	* *	1	\$2,400	
No Component	60%							
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	100%			2024	\$85,400	2	\$1,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,400	
Exhaust Fans								
Interior	80%			2024	\$16,400	2	\$500	
Roof	20%			2019	\$2,900	2	\$100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	\$55,300	1		
Water Heater								
Electric	100%			2017	\$2,900	4	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%		\$2,200	2019	\$11,000	4	\$1,600	
			te, Area Affecte	ed : 50%				
	Locatior	ı : Basement						
Backflow Preventer								
No Component	90%							
Generic	10%			2024	\$200	1	\$100	
			nt : Light, Area	Affected	: 10%			
	Location	ı : Boiler Roon	1					
	Explana	tion : Boiler O	nly					
Fixtures								
Generic	100%							
Vertical Transport								

Vertical Transport

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

Asset # : 13335

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
Vertical Transport				
Elevators				
Geared Traction	100%	LIFE *	*	
	Other Observation, Extent : Light, Area	Affected : 100%		
	Location : B-3			
	Explanation : One Unit			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: HAMILTON FISH PARK BRANCH	LIBRARY	
Address	: 415 EAST HOUSTON STREET @CO	LUMBIA ST.	
Borough	: MANHATTAN	Agency's Number :	H01
Program / Asset #	: NPL0H01.000 / 13337	Yr Built/Renovated :	1961 / 2005
Area Sq Ft	: 10,760	Project Type :	NEW YORK PUBLIC LIBRARY
Date of Survey	: 24-Mar-2008	Landmark Status :	NONE
Areas Surveyed	: Floors 1		
Block	: 335 Lot : 1	BIN :	1004070

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical	\$211,700	\$105,800
Mechanical		\$133,200
Total	\$211,700	\$239,000
Importance Code B	\$211,700	\$239,000
Total	\$211,700	\$239,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				\$1,800
Interior Architecture	\$7,700	\$200		\$202,300
Electrical	\$21,400		\$7,200	
Mechanical	\$2,300	\$4,900	\$3,400	\$2,400
Total	\$31,400	\$5,100	\$10,600	\$206,600
Importance Code A	\$500	\$500	\$600	\$2,400
Importance Code B	\$30,800	\$4,600	\$10,000	\$204,200
Importance Code C				
Total	\$31,400	\$5,100	\$10,600	\$206,600



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

NEW YORK PUBLIC LIBRARY - 035 HAMILTON FISH PARK BRANCH LIBRARY

Asset # : 13337

			Asset # : 13	551				
Architecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior				1				1
Exterior Walls								
Glass Block	25%			LIFE	* *	5	\$3,700	
Masonry: Brick	75%			LIFE	* *	5	\$17,600	
Windows							. ,	
Aluminum	100%			2035	* *	5	\$3,700	
Roof								
Not Accessible	100%							
	Other Obs Location		Extent : Light, Area	Affected	: 100%			
			e Is No Interior Acc ble To Access	ess To R	oof, Outside Acces	s By Lad	lder Only - No	
nterior								
Floors								
Carpet	90%			2020	\$194,600	3	\$30,800	
Vinyl Tile	10%			2024	\$14,400	3	\$600	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$400	
Plaster	95%			LIFE	* *	5	\$5,900	
Ceilings Plaster	100%			LIFE	* *	5	\$10,700	
Electrical	10070	Current F	Popair		e Replacement		aintenance	
System								
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2029	* *	5		
	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Electrica	ıl Room					
	Explana	tion : One a	800 Amps Main Di	sconnect	Switch			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	* *	5	\$300	
Raceway								
Conduit	10%			2045	* *	1		
Conduit	90%			2029	* *	1		
Panelboards								
Molded Case Bkrs	10%			2041	* *	5		
Molded Case Bkrs	90%			2027	* *	5	\$300	
Wiring								
Braided Cloth	30%	2-4	\$8,200	2044	* *	1		
		Aged, Exte 1 : Through	ent : Moderate, Are out	a Affecte	ed : 100%			
Thermoplastic	10%			2045	* *	1		
Thermoplastic	60%			2029	* *	1		
inermophistic	0070			2027		1		

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

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

NEW YORK PUBLIC LIBRARY - 035 HAMILTON FISH PARK BRANCH LIBRARY

Asset # : 13337

Electrical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estin Total (Years)		Estimated Cost		Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	40%	2017	\$12,000	5		
Locally Mounted	60%	2024	\$18,000	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Lighting						
Interior Lighting						
Fluorescent	10%	2027	* *	10	\$1,000	
	Other Observation, Extent :		cted : 100%			
	Location : Childrens Room					
	Explanation : Using T-5 I	amps				
Fluorescent	30%	2024	\$105,800	10	\$3,000	
	Other Observation, Extent :	Moderate, Area Affec	cted : 100%			
	Location : Throughout					
	Explanation : Using T-5 I	amps				
Fluorescent	60%	2019	\$211,700	10	\$5,900	
	Other Observation, Extent :	Moderate, Area Affec	cted : 100%			
	Location : Throughout					
	Explanation : Using T-12	Lamps				
Egress Lighting						
Emergency, Service	30%	2024	\$1,600	1		
Exit, Service	70%	2019	\$1,100	1		

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Utility Steam	100%		2039	* *	1		
Conversion Equipment							
Heat Exchanger	100%		2028	* *	1	\$5,300	
Distribution							
Hot Wtr Piping/Pump	10%		2035	* *	4	\$100	
Steam Piping/Pump	90%		2039	* *	4	\$500	
Terminal Devices							
Air Handler	90%		2024	\$51,700	1	\$6,000	
Convector/Radiator	10%		2032	* *	1	\$400	
Air Conditioning							
Energy Source							
Electricity	100%		2035	* *	1		
Conversion Equipment							
Reciprocating	100%		2024	\$36,200	1	\$5,000	
Compr/Chiller							
Terminal Devices							
Air Handler/Cool/Ht	100%		2024	\$45,300	1	\$6,700	

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 HAMILTON FISH PARK BRANCH LIBRARY

Asset # : 13337

Mechanical		Current R	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
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,000	
Exhaust Fans								
Interior	100%			2024	\$11,800	2	\$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2032	* *	1		
Water Heater								
Gas Fired	100%			2018	\$2,500	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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

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

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

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: HAMILTON GRANGE BRANCH LIB		
Address	: 503 WEST 145TH ST. NEAR AMSTER	RDAM 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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$249,600	
Interior Architecture	\$138,400	
Electrical	\$84,300	\$165,800
Mechanical	\$106,300	\$261,400
Total	\$578,500	\$427,200
Importance Code A	\$249,600	\$57,300
Importance Code B	\$329,000	\$369,900
Total	\$578,500	\$427,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$25,500		\$10,900	
Interior Architecture	\$72,500	\$900		\$2,200
Electrical	\$2,700	\$2,300	\$27,200	\$2,800
Mechanical	\$30,700	\$3,400	\$7,300	\$3,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$135,300	\$10,600	\$49,400	\$12,400
Importance Code A	\$26,600	\$1,200	\$12,400	\$1,200
Importance Code B	\$63,500	\$9,400	\$37,000	\$11,300
Importance Code C	\$45,200			
Total	\$135,300	\$10,600	\$49,400	\$12,400



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

chitecture	Current	Repair	Futur	e Replacement	Μ	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Exterior Walls							
Masonry: Brick	65% Now	\$74,400	LIFE	, * *	5	\$11,400	
	Spalling, Extent : Mo Location : East Fa						
	Worn/Eroded, Exten						
	Location : East Fa						
Maaaamu Caaaita		cade, west I acade,		* *	5	\$200	
Masonry: Granite	2% 28%		LIFE LIFE	* *	5 5	\$300 \$2,700	
Masonry: Limestone Metal Panel	28% 5%		2034	* *	5 5-10	\$3,700 \$6,000	
Windows	J 70		2034		5-10	\$0,000	
Wood	100% Now	\$118,600	2049	* *	5	\$19,500	
ii ood	Air Infiltration, Exte			1:50%	5	\$19,500	
	Location : Through		55				
	Dry Rot/Decay, Exte		Affected	l : 25%			
	Location : North F	acade					
	Thermally Inefficient	t, Extent : Moderate	, Area Aj	ffected : 50%			
	Location : North F	acade					
	Split/Cracked, Exten	t : Moderate, Area	Affected .	: 50%			
	Location : North F	acade					
Parapets							
Masonry: Brick	65% Now	\$25,500	LIFE	* *	5	\$2,000	
	Spalling, Extent : Mo						
	Location : East Fa						
	Worn/Eroded, Exten Location : East Fa		Affected .	25%			
		caae, west Facaae	LIPE	ste ste			
Masonry: Limestone	20%		LIFE	* *	5	\$800 \$600	
Metal Panel Pre-Cast Concrete	5%		2044	* *	5	\$600 \$1,000	
Slate	5% 5%		LIFE LIFE	* *	5 5	\$1,000 \$200	
Roof	J 70		LIFE		5	\$200	
Modified Bitumen	50%		2029	* *	10	\$9,000	
Modified Bitumen	50% 2-4	\$56,600	2029	* *	10	ψ2,000	
	Drains Inad/Misposi			ffected : 25%			
	Location : Over Ol						
	Seams Open/Split, E.	xtent : Moderate, A	rea Affec	ted : 15%			
	Location : Over Ol						
	Water Penetration, H	Extent : Moderate, A	rea Affe	cted : 20%			
	Location : Over Ol						
	Worn/Eroded, Exten						
	Location : Over Ol	d Apartment And F	irst Floor	r			

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	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$7,700	
			xtent : Moderate, A					
	Location	1 : Air Cond	litioning Room In I	Basement	t			
Ceramic Tile	5%			2033	* *	5	\$1,800	
Vinyl Tile	50%			2029	* *	3	\$8,800	
Wood	30%	Now	\$75,500	2039	* *	5	\$9,900	
	Deteriora	ted Finish,	Extent : Severe, Ar	ea Affect	ted : 100%			
	Location	n : 3rd Floo	or and the second se					
	Staining/L	Discoloring	, Extent : Moderate	, Area A	ffected : 50%			
	Location	n : 3rd Floo	or					
Wood	5%	Now	\$62,900	2064	* *	5	\$1,700	
	Dry Rot/L	Decay, Exte	nt : Severe, Area Aj	fected : .	50%			
	Location	ı : Old Apa	rtment					
	Split/Crac	cked, Extent	t : Severe, Area Aff	ected : 5	0%			
	Location	ı : Old Apa	rment					
Interior Walls								
Ceramic Tile	3%			2037	* *	5	\$1,100	
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,400	
Glass: Single Pane	2%			LIFE	* *	5	\$500	
Gypsum Board	60%			LIFE	* *	5	\$12,900	
Masonry: Brick	5%	Now	\$15,100	LIFE	* *			
	Diagonal	Cracks, Ex	tent : Moderate, Ar	ea Affec	ted : 3%			
	Location	n : Chimney	At Fourth Floor					
	Loose/De	lam Surface	e, Extent : Moderat	e, Area A	Affected : 10%			
	Location	ı : Basemer	ıt					
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 25%			
	Location	n : Basemer	1t					
Plaster	15%	Now	\$14,000	LIFE	* *	5	\$1,600	
	Cracking/	Crumbling,	Extent : Severe, A	rea Affec	cted : 50%			
	Location	n : Air Cond	litioning Equipmer	t Room I	In Basement And F	ourth Flo	oor	
	Deteriora	ted Finish,	Extent : Severe, Ar	ea Affect	ted : 50%			
	Location	n : Air Cond	ditioning Equipmer	t Room	In Basement, 3rd A	nd 4th F	loors	
	Water Per	netration, E	xtent : Severe, Are	n Affecte	d : 25%			
	Location	n : Air Cond	litioning Equipmen	t Room I	In Basement			
Plaster	5%	Now	\$15,500	LIFE	* *	5	\$500	
			ients, Extent : Seve		Affected : 50%		,	
		n : Olde Ap						
		-	e, Extent : Severe, A	rea Affe	cted : 50%			
		ı : Old Apa		55				

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

Asset # : 4224

Architecture		Current	Repair	Future Replacement Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings								
AcousTileSusp.Lay-In	30%			2041	* *	5	\$10,600	
Glass: Susp Panels	5%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5	\$8,800	
Plaster	40%			LIFE	* *	5	\$8,800	
Plaster	5%		\$25,100	LIFE	* *	5	\$1,100	
			ients, Extent : Seve	re, Area	Affected : 50%			
		ı : Old Apa						
			Extent : Severe, Area	a Affecte	d : 25%			
	Location	ı : Old Apa	rtment					
Electrical		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Jnder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$2,700	5	\$600	
			Extent : Moderate, A	Area Affe	ected : 100%			
		1 : Electric						
	Explana	tion : No N	ameplate Ratings A	vailable				
Switchgear / Switchboard						_		
Molded Case Bkrs	100%			2024	\$35,000	5	\$600	
Raceway					* • • • • • • •			
Conduit	30%			2024	\$10,200 * *	1		
Conduit	70%			2044	* *	1		
Panelboards	F 0 /			2010	ate ate	-		
Fused Disc Sw	5%			2040	* *	5	*2 00	
Molded Case Bkrs	35%			2023	\$8,500 * *	5	\$200 \$100	
Molded Case Bkrs	60%			2040	* *	5	\$400	
Wiring	100/			2024	¢1 2 000			
Thermoplastic Thermoplastic	40%			2024	\$12,000 * *	1		
Thermoplastic	60%			2044	* *	1		
Motor Controllers	1000/			2022	¢ 40, 100	F	¢200	
Locally Mounted	100%			2022	\$49,100	5	\$200	
Ground Crounding Devices								
Grounding Devices Not Accessible	100%							
ighting	100%							

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 # : 4							
lectrical	Current Repair	Current Repair Future Replacement Maintenance						
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
ghting								
Interior Lighting	-			10	.			
Fluorescent	30%	2029	* *	10	\$6,500			
	T-8 Lamps, Extent : Moderate, Area Aj Location : Throughout The Building	ffected : 10	0%					
Fluorescent	10%	2019	\$84,300	10	\$2,200			
	T-12 Lamps, Extent : Moderate, Area A Location : Basement	Affected : 1	00%					
Fluorescent	10%	2029	* *	10	\$2,200			
	T-5 Lamps, Extent : Moderate, Area Aj Location : 3rd Floor	ffected : 10	0%					
Fluorescent	50%	2029	* *	10	\$10,800			
	Other Observation, Extent : Moderate, Location : Reading Areas	Area Affec	rted : 100%					
	Explanation : Compact Fluorescent I	Light Fixtur	res					
Egress Lighting								
Emergency, Battery	50%	2029	* *	10	\$2,800			
Exit, Service	50%	2029	* *	1				
Exterior Lighting	1000/	2024	#01 700	10	¢ 2 200			
Fluorescent	100% Other Observation, Extent : Moderate, Location : Front And Rear Only Explanation : Compact Fluorescent I			10	\$2,200			
larm	Explanation . Compact Fluorescent	Ligni Γιλιμί	les					
Security System								
Generic	100%	2029	* *	1	\$8,800			
	Other Observation, Extent : Moderate,	Area Affec	rted : 100%					
	Location : Throughout The Building							
	Explanation : C C T V Surveillance	Cameras						
Fire/Smoke Detection	100%	2029	* *	1.2	¢14.000			
Generic	Other Observation, Extent : Moderate,			1-3	\$14,900			
	Location : Throughout The Building	meanyjee	10070					
	Explanation : Strobe Lights, Smoke L	Detectors A	nd Manual Pull S	tations				
lechanical	Current Repair	Future	Replacement	М	aintenance			
ystem	% of Fail Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit		
Component Type	Total (Years)	FY	2511111111	(Yrs)	200000000000000000000000000000000000000			
eating								
Energy Source	1000/	a c : :						
Natural Gas	100%	2044	* *	1				
Conversion Equipment	1000/	2022	ሰ <i>ርግ</i> ዓላል	1	Ø11 700			
Hot Water Boiler	100% Other Observation, Extent : Light, Area	2022 a Affected :	\$57,300	1	\$11,600			
	Location : Basement Boiler Room	и пујестей .	100/0					
	Explanation : 1 Unit							
	Explanation . 1 Unit							

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

Asset # : 4224

Mechanical		Current Re	pair	Futur	e Replacement	Replacement Maintenance		
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ieating								
Distribution								
Hot Wtr Piping/Pump	100%			2023	\$128,000	4	\$1,200	
Terminal Devices								
Air Handler	80%			2032	* *	1	\$11,600	
Convector/Radiator	20%			2029	* *	1	\$1,500	
Air Conditioning								
Energy Source	1000/			2022	ماد ماد			
Electricity	100%			2032	* *	1		
Conversion Equipment Reciprocating	50%			2019	\$43,200	1	\$5,500	
Compr/Chiller								
		gerant, Exten : Basement c	t : Light, Area A & 3rd Floor	ffected :	50%			
Ext Pkg Unit - Cooling	20%			2019	\$23,500	2	\$300	
6 6		gerant, Exten : Lower Roof	t : Light, Area A	ffected :				
Ext Pkg Unit - Cooling	30%			2032	* *	2	\$400	
		-	ent : Light, Arec		1 : 30%		÷	
Terminal Devices		5						
Direct Expansion	50%			2019	\$39,500	1		
No Component	50%				. ,			
Heat Rejection								
Remote Air Cond	50%	Now	\$15,200	2024	\$76,100	2	\$6,600	
	Broken, Ex	tent : Severe,	Area Affected :	20%				
	Location	: Roof						
No Component	50%							
ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,100	
Exhaust Fans								
Interior	60%			2024	\$16,900	2	\$400	
Roof	40%	Now	\$2,400	2024	\$8,100	2	\$200	
			Area Affected :	20%				
	Location	: Roof						
Plumbing								
H/C Water Piping						-		
Brass/Copper	100%			2044	* *	1		
Water Heater	1000			0000	* = 0.00	~	***	
Gas Fired	100%			2022	\$5,900	2	\$300	
				LIPE	-t-	1		
Sanitary Piping	1000			1 11/17	* *	1		
Sanitary Piping Cast Iron	100%			LIFE		1		
Sanitary Piping Cast Iron Storm Drain Piping		N	¢1.000					
Sanitary Piping Cast Iron	100%	Now	\$1,800 Ioderate, Area A	LIFE	* *	1		

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

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

Asset # : 4224

Mechanical	lechanical Current Repair		lacement	Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sump Pump(s)						
Submersible	100%	2017	\$7,200	4	\$2,500	
	Other Observation, Extent : Light	ht, Area Affected : 100	%			
	Location : Basement Fan Roon	n				
	Explanation : 1 Unit					
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
-	Other Observation, Extent : Light	ht, Area Affected : 100	%			
	Location : B-3					
	Explanation : One Unit					
Fire Suppression						
Sprinkler						
No Component	80%					
Generic	20%	2044	* *	1-2	\$1,300	

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: HARLEM BRANCH LIBRARY		
Address	: 9 WEST 124TH ST. @FIFTH AVE		
Borough	: MANHATTAN	Agency's Number	: H02
Program / Asset #	: NPL0H02.000 / 13338	Yr Built/Renovated	: 1909 / 2004
Area Sq Ft	: 13,058	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 11-Jul-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2,3		
Block	: 1722 Lot : 30	BIN	: 1053460

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$84,900	\$77,900
Electrical	\$8,600	\$48,900
Mechanical		\$47,800
Total	\$93,500	\$174,500
Importance Code A	\$84,900	\$77,900
Importance Code B	\$8,600	\$96,600
Total	\$93,500	\$174,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$9,400		\$5,300	\$2,400
Interior Architecture	\$1,600		\$4,500	\$1,600
Electrical	\$1,500	\$1,200	\$3,800	\$1,600
Mechanical	\$4,200	\$2,000	\$2,300	\$3,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$20,700	\$7,200	\$19,800	\$12,600
Importance Code A	\$10,000	\$600	\$6,000	\$3,000
Importance Code B	\$10,600	\$6,500	\$13,800	\$9,600
Importance Code C				



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 HARLEM BRANCH LIBRARY

Asset # : 13338

chitecture		Current	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Prior
terior								
Exterior Walls			* 2 (222			_	** *	
Masonry: Brick	65%		\$84,900	LIFE	* *	5	\$28,400	
	0	0	Extent : Light, Are	ea Affect	ed : 10%			
		a : North Fo		A.CC . 1	2007			
			: Moderate, Area	Affected	: 20%			
		n : North Fo	icade					
Masonry: Granite	5%			LIFE	* *	5	\$1,600	
Masonry: Limestone	25%			LIFE	* *	5	\$8,200	
Metal Panel	5%		\$1,600	2044	* *	5	\$4,100	
	-	-	tent : Moderate, A	rea Affec	eted : 10%			
	Locatior	ı : Commur	ity Room Wall					
Windows								
Aluminum	100%			2040	* *	5	\$4,700	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	\$1,800	
Masonry: Limestone	5%	Now	\$2,500	LIFE	* *	5	\$200	
		r Miss/Eroo 1 : Coping	l, Extent : Moderat	e, Area I	Affected : 25%			
Masonry: Limestone	10%	Now	\$3,700	LIFE	* *	5	\$300	
<u> </u>			l, Extent : Moderat		Affected : 20%	-		
		n : South Fa						
Metal Security Bars	10%			2039	* *			
Roof	10/0			2037				
Asphalt Shingle	45%	Now	\$1,600	2033	* *			
ispirate Shingle			xtent : Moderate, A		cted : 10%			
		ı : Over Au						
Modified Bitumen	50%			2029	* *	10	\$5,300	
Skylight, Metal/Glass	5%			2029	\$77,900	10	\$1,800	
erior	570			202 F	<i>\(\mathcal{v}\)</i> ,500	10	ψ1,000	
Floors								
Terrazzo	10%			LIFE	* *	5	\$1,500	
Vinyl Tile	65%			2029	* *	3	\$6,300	
Wood	25%			2039	* *	5	\$9,000	
Interior Walls	_370			-007		e	<i>\$7,000</i>	
Plaster	100%			LIFE	* *	5	\$10,500	
Ceilings	10070					2	+ - 0,000	
Plaster	100%			LIFE	* *	5	\$12,100	
		etration, E	xtent : Moderate, A		cted : 10%	2	<i><i><i>q</i>12,100</i></i>	
		ı : Auditori		55				

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

Under 600 Volts

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

NEW YORK PUBLIC LIBRARY - 035

HARLEM BRANCH LIBRARY

Asset # : 13338

Electrical		Current	Repair	Futur	e Replacement	М		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	\$100	
			Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Electrico						
	Explana	tion : Main	Service Switch Ra	ted @ 80	00 Amperes			
Switchgear / Switchboard	500/			2014	* *	-		
Fused Disc Sw	50%			2044		5	¢200	
Molded Case Bkrs	50%			2024	\$16,000	5	\$200	
Raceway Conduit	2004			2024	\$6 200	1		
Conduit	20% 80%			2024 2044	\$6,200 * *	1 1		
Panelboards	80%			2044		1		
Fused Disc Sw	5%			2032	* *	5		
Molded Case Bkrs	15%			2032	\$2,200	5	\$100	
Molded Case Bkrs	13%			2023	\$2,200	5	\$300	
	80%			2040		5	\$300	
Wiring Thermoplastic	80%			2044	* *	1		
Thermoplastic	20%			2044	\$5,500	1		
Motor Controllers	2070			2024	\$5,500	1		
Locally Mounted	80%			2037	* *	5	\$100	
Locally Mounted	20%			2037	\$6,000	5	\$100	
Ground	2070			2022	\$0,000	5		
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting							+	
Interior Lighting								
Fluorescent	88%			2032	* *	10	\$10,500	
	T-5 Lamp	s, Extent : I	Moderate, Area Aff	ected : 1	00%		. ,	
	Location	1 : Through	out The Building					
Fluorescent	5%			2029	* *	10	\$600	
Thorescent			Moderate, Area Aff		00%	10	4000	
	-		out The Building					
Fluorescent	2%			2019	\$8,600	10	\$200	
Fluorescent	2% 5%			2019	\$0,000 * *	10	\$200 \$600	
Fluorescent			Extent : Moderate, A			10	\$000	
			out The Building	пей Ајје	cieu : 10070			
			oact Fluorescent Li	aht Firti	1105			
Egress Lighting	ырший	non . Com	aci i indrescent L	5 III I I.III	лсо			
Emergency, Battery	50%			2029	* *	10	\$1,600	
Exit, Service	50% 50%			2029	* *	10	ψ1,000	
Exterior Lighting	5070			2027		1		
HID	100%			2024	\$48,900	10		
Alarm	10070			2024	ψ τ 0,200	10		

Alarm

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

NEW YORK PUBLIC LIBRARY - 035

HARLEM BRANCH LIBRARY

Asset # : 13338

		Asset # : 13	550				
Electrical	Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
larm							
Security System							
Generic	100%		2032	* *	1	\$4,900	
	Other Observation, E Location : Through		Area Affe	cted : 100%			
	Explanation : C C I	-	ameras				
Fire/Smoke Detection		v Survenance e	unerus				
Generic	100%		2032	* *	1-3	\$8,300	
	Other Observation, E	xtent : Moderate, A	Area Affe	cted : 100%			
	Location : Through	-					
	Explanation : Strob	e Lights, Manual F	Pull Statio	on And Smoke Dete	ectors		
Nechanical	Current F	Repair	Futur	e Replacement	м	aintenance	
System		Estimated Cost		Estimated Cost		Estimated Cost	Priori
Component	Total (Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	PTIOTI
Туре					()		
eating							
Energy Source Natural Gas	100%		2034	* *	1		
Natural Gas	Other Observation, E	rtent · Severe Are			1		
	Location : Electrica		u Ajjecie	u . 170			
	Explanation : Haza		Located I	nside The Electric	al Room		
Conversion Equipment							
Hot Water Boiler	100%		2029	* *	1	\$6,500	
	Other Observation, E	xtent : Light, Area	Affected	: 100%			
	Location : Basemen	t Boiler Room					
	Explanation : 1 Uni	t					
Distribution	1000					* • • • •	
Hot Wtr Piping/Pump	100%		2032	* *	4	\$600	
Terminal Devices Convector/Radiator	100%		2029	* *	1	\$4.200	
ir Conditioning	100%		2029		1	\$4,200	
Energy Source							
Electricity	100%		2032	* *	1		
Conversion Equipment	100/0		2002		-		
Int Pkg Unit - Cooling	20%		2022	\$33,300	2	\$200	
6 6	R-22 Refrigerant, Ext	ent : Light, Area A	ffected :				
	Location : Basemen	t & Auditorium					
Ext Pkg Unit - Cooling	80%		2024	\$47,800	2	\$600	
	R-22 Refrigerant, Ext	ent : Light, Area A					
	Location : Roof						
Terminal Devices							
Direct Expansion	20%		2024	\$8,000	1		
No Component	80%						
Heat Rejection	• • • •				r.		
Remote Air Cond	20%		2024	\$15,500	2	\$1,800	
No Component	80%						
entilation							

Note: 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 - 035 HARLEM BRANCH LIBRARY

Asset # : 13338

Mechanical		Current I	Repair	Futur	e Replacement	Μ		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,300	
Exhaust Fans								
Roof	100%			2024	\$10,300	2	\$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%	Now	\$3,000	2024	\$3,000	2	\$200	
	Leak Evid	ent, Extent	: Severe, Area Affe	cted : 10	00%			
	Location	ı : Boiler R	oom					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2024	\$11,000	4	\$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
			Extent : Light, Area	Affected	: 100%			
	Location							
	Explana	tion : 1 Un	it					
Fire Suppression								
Sprinkler								
No Component	40%							
Generic	60%			2034	* *	1-2	\$2,200	

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: HUDSON PARK - ECRIC BRANCH L	IBRARY	
Address	: 66 LEROY ST. NEAR SEVENTH AVE	. SOUTH	
Borough	: MANHATTAN	Agency's Number	: H04
Program / Asset #	: NPL0H04.000 / 13340	Yr Built/Renovated	: 1906 /
Area Sq Ft	: 17,565	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 08-Jul-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,3		
Block	: 582 Lot : 18	BIN	: 1009760

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$67,100	
Interior Architecture		\$201,500
Electrical	\$575,900	\$119,800
Mechanical	\$64,300	\$121,300
Total	\$707,200	\$442,700
Importance Code A	\$67,100	
Importance Code B	\$640,100	\$442,700
Total	\$707,200	\$442,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$60,800		\$15,100	
Interior Architecture	\$26,800	\$4,000		\$600
Electrical	\$18,300	\$600	\$15,400	\$400
Mechanical	\$27,000	\$1,600	\$22,500	\$2,000
Total	\$132,800	\$6,200	\$53,000	\$3,100
Importance Code A	\$61,700	\$900	\$16,200	\$900
Importance Code B	\$62,500	\$5,000	\$36,800	\$2,200
Importance Code C	\$8,700	\$300		
Total	\$132,800	\$6,200	\$53,000	\$3,100



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 # : 13340

		A3301 # . 13	340				
Architecture	Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							•
Exterior Walls							
Masonry: Brick	80%		LIFE	* *	5	\$17,200	
Masonry: Brick	12% 4+	\$7,700	LIFE	* *	5	\$2,600	
	Efflorescence, Extent	: Moderate, Area A	Affected :	40%			
	Location : Through	out Leroy Street Fa	cade				
Masonry: Granite	2%		LIFE	* *	5	\$300	
Masonry: Limestone	6%		LIFE	* *	5	\$1,000	
Windows						. ,	
Wood	40% Now	\$53,700	2049	* *	5	\$9,600	
	Deteriorated Finish,		Area Aff	ected : 70%		. ,	
	Location : Through		00				
	Weather Strip Missin	g, Extent : Moderat	te, Area A	Affected : 50%			
	Location : Most Wi	ndows					
Wood	50%		2032	* *	5	\$24,100	
wood	Thermally Inefficient	Fritent · Moderate		fected · 100%	5	φ24,100	
	Location : Through		, 11 cu 11j	<i>Jeelea</i> . 10070			
Wood			2040	* *	5	\$2.400	1
Wood	10% Now	\$13,400	2049		5	\$2,400	1
	Broken/Missing Elem		e, Area I	Affectea : 100%			
	Location : Top Floo	-	A. CC	1 1000/			
	Deteriorated Finish, Location : Top Floo		ea Affecto	ed : 100%			
Parapets	Locution : Top Tio	n Aparimeni					
Masonry: Brick	20% 2-4	\$22,400	LIFE	* *	5	\$1,000	
Masoni y. Ditek	Loose/Delam Surface			ffected · 33%	5	\$1,000	
	Location : Through		, 111 cu 1	<i>Jecieu</i> . <i>5570</i>			
	Parge/Tar Separating		og Affec	tod · 100%			
	Location : Roof Sid		eu Ajjeci	ieu . 10070			
			LIPP	* *		*2 2 00	
Masonry: Brick	65%		LIFE		5	\$3,200	
Masonry: Limestone	10%	¢10 7 00	LIFE	* *	5	\$600	
Metal Panel	5% 2-4	\$18,700	2054	**	5	\$500	
	Deteriorated Finish,		Area Aff	ected : 100%			
	Location : Bulkhead	1 0					
	Staining/Discoloring,		, Area A <u>f</u>	fected : 100%			
	Location : Bulkhead	l Apartment Roof					
Roof	1000/		2020	ste ste	10	¢15 100	
Modified Bitumen	100%		2029	* *	10	\$15,100	
terior							
Floors	50/		2022	* *	F	Φ1 400	
Ceramic Tile	5% 2%		2033	* *	5	\$1,400	
Panel/Paver: Cer/Brk	2%		2040		5	\$1,300	
Slate	5%			* *	5	\$1,500	
T			LIFE				
Terrazzo Vinyl Tile	2% 86%		LIFE LIFE 2024	* * \$201,500	5 3	\$400 \$9,000	

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.

Asset # : 13340

			ASSEL # . 13	540				
Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Interior Walls						_		
Ceramic Tile	3%			2033	* *	5	\$700	
Glass: Single Pane	1%			LIFE	* *	5	\$200	
Marble Panels	1%			LIFE	* *	_		
Plaster	90%			LIFE	* *	5	\$5,900	
Plaster	5%		\$8,700	LIFE	* *	5	\$300	
		0	t : Severe, Area Affe	ected : 10	00%			
		-	or Apartment					
			: Severe, Area Affe	ected : 10	00%			
	Location	ı : Top Floo	or Apartment					
Ceilings								
Plaster	95%			LIFE	* *	5	\$16,500	
Plaster	5%	Now	\$18,100	LIFE	* *	5	\$900	
	Paint Pee	ling, Extent	t : Severe, Area Affe	ected : 10	00%			
	Location	ı : Top Floo	or Apartment					
	Worn/Ero	ded, Extent	: Severe, Area Affe	ected : 10	00%			
	Location	ı : Top Floo	or Apartment					
lectrical		Current	Repair	Futur	e Replacement	М	aintenance	
ystem	0/ ef							Datant
Component Type	% of Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	Priori
nder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$1,500	5	\$500	
	Other Ob.	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	1 : Electrice	al Room					
	Explana	tion : One	600 Amps Main Dis	sconnect	Switch			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$32,000	5	\$500	
Raceway								
Conduit	70%			2034	* *	1		
Conduit	30%			2024	\$9,300	1		
Panelboards								

Panelboards							
Molded Case Bkrs	40%			2023	\$5,900	5	\$200
Molded Case Bkrs	60%			2032	* *	5	\$300
Wiring							
Braided Cloth	30%	2-4	\$8,200	2049	* *	1	
	Insulation A	ged, Extent :	Moderate, Are	a Affected :	100%		
	Location :	Throughout					
Thermoplastic	70%			2034	* *	1	
Motor Controllers							
Locally Mounted	100%			2022	\$29,900	5	\$100

Ground

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

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

Asset # : 13340

		A	sset # : 13	540				
Electrical	Current Repair Future Replacement Maintenance					aintenance		
System Component Type		ail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices Generic	Location :	2-4 vation, Exter Water Main m : Corrodea	\$9,400 ht : Moderate, A	LIFE Area Affe	* * ected : 100%	5	\$300	
Lighting								
Interior Lighting Fluorescent	Location :	vation, Exter Throughout n : Using T-	nt : Moderate, A 12 Lamps	2019 Area Affe	\$518,300 ected : 100%	10	\$14,500	
Incandescent	10% Inadequate	2-4	\$57,600 tent : Moderate	2034 e, Area A	* * ffected : 80%	2		
Egress Lighting Emergency, Battery Exit, Service	70% 30%			2024 2024	\$16,400 \$700	10 1	\$3,000	
Exterior Lighting HID	100%			2024	\$65,700	10	\$100	
Alarm Security System No Component <u>Generic</u> Fire/Smoke Detection	80% 20%			2024	\$10,500	1	\$1,300	
No Component Generic	70% 30%			2024	\$54,100	1-3	\$3,200	
Mechanical		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of F		timated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Energy Source Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment Hot Water Boiler	100%			2037	* *	1	\$8,700	
Distribution Hot Wtr Piping/Pump	100%			2032	* *	4	\$900	
Terminal Devices Air Handler Convector/Radiator	20% 80%			2024 2029	\$18,800 * *	1 1	\$2,200 \$4,500	
Air Conditioning Energy Source Electricity	100%			2032	* *	1		_
						-		

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

Asset # : 13340

Mechanical		Current Repair Future Replacement			M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ir Conditioning								
Conversion Equipment								
Int Pkg Unit -	20%			2022	\$69,300	2	\$200	
Heating/Cooling								
Ext Pkg Unit - Cooling	80%	4+	\$12,900	2019	\$64,300	2	\$700	
	-		loderate, Area Affe	cted : 30%	6			
	Location	: Condens	ser Coils					
<i>lentilation</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,800	
Exhaust Fans								
Interior	100%			2019	\$19,200	2	\$500	
lumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2022	\$52,000	1		
Water Heater								
Gas Fired	100%			2023	\$4,000	2	\$300	
Sanitary Piping								
Cast Iron	100%	Now	\$7,600	LIFE	* *	1		
			evere, Area Affected	d : 20%				
			nt Oil Tank Room					
	8		loderate, Area Affe					
	Location	: Missing	Trap And Piping -	4th Floor	Custodian Apartn	nent		
Storm Drain Piping								
Cast Iron	100%	Now	\$4,900	LIFE	* *	1		
			evere, Area Affected	d : 20%				
	Location	: Basemer	nt Oil Tank Room					
Fixtures								
Generic	100%							

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

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: HUNT'S POINT BRANCH LIBRARY		
Address	: 877 SOUTHERN BLVD. @TIFFANY S	ST.	
Borough	: BRONX	Agency's Number	: H05
Program / Asset #	: NPL0H05.000 / 13341	Yr Built/Renovated	: 1929 / 2001
Area Sq Ft	: 13,715	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 25-Jan-2008	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 2722 Lot : 63	BIN	: 2005755

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$61,800	\$242,500
Interior Architecture	\$69,200	\$37,800
Electrical	\$427,200	
Mechanical	\$47,000	\$128,400
Total	\$605,100	\$408,700
Importance Code A	\$61,800	\$242,500
Importance Code B	\$543,400	\$166,200
Total	\$605,100	\$408,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		\$12,600	\$10,600	\$2,000
Interior Architecture	\$1,700	\$148,500	\$3,100	
Electrical	\$82,900	\$6,000	\$33,200	
Mechanical	\$2,400	\$4,400	\$21,000	\$1,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$90,900	\$175,400	\$71,800	\$7,300
Importance Code A	\$700	\$13,300	\$11,300	\$2,700
Importance Code B	\$90,200	\$162,100	\$60,500	\$4,600
Importance Code C				
Total	\$90,900	\$175,400	\$71,800	\$7,300



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.

NEW YORK PUBLIC LIBRARY - 035 HUNT'S POINT BRANCH LIBRARY

Asset # : 13341

			A330(#.10					
Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	\$23,100	
Masonry: Brick	73%			LIFE	* *	5	\$30,800	
Stucco Cement	20%			2024	\$242,500	5	\$21,100	
Windows								
Aluminum	100%			2035	* *	5	\$4,000	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	\$3,800	
Masonry: Limestone	5%			LIFE	* *	5	\$300	
Roof								
Roll Roofing	100%			2018	\$61,800	5	\$25,200	
terior								
Floors								
Carpet	55%			2018	\$142,800	3	\$16,900	
Cast in Place Concrete	5%	Now	\$1,100	LIFE	* *	5	\$2,200	
	0	0	Extent : Moderate	, Area A	ffected : 10%			
	Locatior	ı : Basemen	t					
Vinyl Tile	40%			2019	\$69,200	3	\$3,100	
Interior Walls								
Plaster	95%			LIFE	* *	5	\$11,800	
Plaster	5%			LIFE	* *	5	\$600	
	Water Per	etration, E	xtent : Moderate, A	Area Affe	cted : 10%			
	Location	i : Second I	Floor Children's Co	ommunit <u></u>	y Room			
Ceilings								
AcousTile,Adhered	20%			2024	\$37,800	5	\$4,100	
Plaster	75%			LIFE	* *	5	\$9,600	
Plaster	5%	Now	\$700	LIFE	* *	5	\$600	
	Water Per	etration, E	xtent : Moderate, A	Area Affe	cted : 5%			
	Location	ı : Second I	Floor Children's Co	ommunit	y Room			
Electrical		Current F	Renair	Futur	e Replacement	М	aintenance	
System Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priori

System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts					
Service Equipment					
Fused Disc Sw	50%	2029 **	5		
	Other Observation, Extent : Moderate, .	Area Affected : 100%			
	Location : Electrical Room				
	Explanation : One 400 Amps Main Di	sconnect Switch			
Fused Disc Sw	50%	2029 **	5		
	Other Observation, Extent : Moderate, .	Area Affected : 100%			
	Location : Electrical Room				
	Explanation : One 200 Amps Main Di	sconnect Switch			

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

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

NEW YORK PUBLIC LIBRARY - 035 HUNT'S POINT BRANCH LIBRARY

Asset # : 13341

Iectrical	Cu	rrent Repair	Futur	e Replacement	М	aintenance	
ystem Component Type		Date Estimated Co ears)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts							
Switchgear / Switchboard							
Molded Case Bkrs		-4 \$32,00		* *	5	\$200	
		tion, Extent : Severe,	Area Affecte	d : 100%			
	Location : El						
	Explanation :	Con Edison Current	t Transforme	r Cabinet Is Corro	ded. (En	closure Damaged)	
Raceway	700/		2010	¢21 700	1		
Conduit	70%		2019	\$21,700 * *	1		
Conduit	30%		2029	* *	1		
Panelboards	400/		2019	¢5 000	5	¢100	
Molded Case Bkrs	40%		2018	\$5,900 * *	5	\$100 \$100	
Molded Case Bkrs	40%		2027	* *	5	\$100 \$100	
Molded Case Bkrs	20%		2035		5	\$100	
Wiring Braided Cloth	20% 2	-4 \$5,50	00 2044	* *	1		
Braided Cloth		4			1		
	Location : Th		Area Ajjecie	a. 10070			
Thermoplastic	50%		2029	* *	1		
Thermoplastic	30%		2039	* *	1		
Motor Controllers							
Locally Mounted	30%		2024	\$9,000	5		
Locally Mounted	70%		2017	\$21,000	5	\$100	
ound							
Grounding Devices							
Generic	50%		LIFE	* *	5	\$100	
Generic		-4 \$4,70		* *	5	\$100	
		tion, Extent : Severe,	Area Affecte	d : 100%			
	Location : We						
	Explanation :	Corroded					
ghting Interior Lighting							
Interior Lighting Fluorescent	75%		2019	\$337,200	10	\$9,400	
Fluorescent		tion, Extent : Modera			10	\$9,400	
	Location : Th		ие, лгеи лује	cieu . 10070			
		Using T-8 Lamps					
Electron		Using 1-0 Lumps	2017	000 000	10	\$2.500	
Fluorescent	20%	tion, Extent : Modera	2017	\$89,900	10	\$2,500	
	Location : Ba		ile, Area Ajje	ciea : 100%			
		Using T-8 Lamps	2017	40 F 00	10		
HID	2%		2017	\$3,500	10		
Incandescent	3%		2017	\$13,500	2		
Egress Lighting	1000/		0010	¢1.000	4		
Exit, Service	100%		2019	\$1,900	1		

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

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

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

NEW YORK PUBLIC LIBRARY - 035 HUNT'S POINT BRANCH LIBRARY

Asset # : 13341

Mechanical	Current Repair Future Replacement			M				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2039	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2032	* *	1	\$6,800	
Distribution								
Hot Wtr Piping/Pump	100%			2035	* *	4	\$700	
Terminal Devices	4000						* 4 4 6 6	
Convector/Radiator	100%			2024	\$128,400	1	\$4,400	
Air Conditioning								
Energy Source Electricity	100%			2035	* *	1		
Conversion Equipment	100%			2055	• •	1		
Reciprocating	10%			2019	\$4,600	1	\$600	
Compr/Chiller	1070			2019	\$4,000	1	φ000	
Ext Pkg Unit - Cooling	75%			2019	\$47,000	2	\$600	
No Component	15%			2017	\$17,000	-	4000	
Distribution	1070							
Ductwork/Diffusers	75%			LIFE	* *	2	\$13,400	
No Component	25%							
Terminal Devices								
Fan Coil - Cooling	10%		\$900	2019	\$8,900	1	\$400	
			t : Moderate, Area	Affected	: 5%			
	Location	ı : 2 Nd Flo	oor Office					
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2019	\$2,300	2	\$1,000	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2039	* *	1		
Galv Iron/Steel	80%			2032	* *	1		
Water Heater	1000				*2 2 0 0		**	
Gas Fired	100%			2018	\$3,200	2	\$200	
Sanitary Piping	1000/			LIPP	4 4	1		
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	1000/				* *	1		
Cast Iron Fixtures	100%			LIFE	-11- -1-	1		
Fixtures Generic	100%							
Vertical Transport	100%							
Elevators								
Hydraulic	100%			LIFE	* *			
ii y di dalle			Extent : Light, Area		: 100%			
	Location			55	-			
		tion : 1 Uni						

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: INWOOD BRANCH LIBRARY		
Address	: 4790 BROADWAY @ACADEMY ST.		
Borough	: MANHATTAN	Agency's Number	: I01
Program / Asset #	: NPL0I01.000 / 13342	Yr Built/Renovated	: 1952 / 2001
Area Sq Ft	: 17,334	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 01-Jul-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1		
Block	: 2233 Lot : 13	BIN	: 1064894

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$35,900	\$137,700
Mechanical	\$38,600	
Total	\$74,600	\$137,700
Importance Code A	\$74,600	\$137,700
Total	\$74,600	\$137,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$76,700		\$16,500	\$400
Interior Architecture	\$26,100	\$600	\$3,100	\$3,500
Electrical	\$1,700	\$1,300	\$19,600	\$1,800
Mechanical	\$7,400	\$2,700	\$5,700	\$3,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$115,800	\$8,500	\$48,800	\$12,800
Importance Code A	\$76,700	\$900	\$17,400	\$1,300
Importance Code B	\$39,100	\$7,700	\$28,300	\$11,600
Importance Code C			\$3,100	
Total	\$115,800	\$8,500	\$48,800	\$12,800



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

Asset # : 13342

chitecture		Current	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Exterior Walls			*** 400			_	* • • • • • • •	
Masonry: Brick	-	2-4 Crumbling, t : Through	\$27,400 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$18,300	
Masonry: Brick	20%			LIFE	* *	5	\$5,500	
Masonry: Limestone	3%	2-4	\$4,400	LIFE	* *	5	\$600	
5		r Miss/Eroo : Through	d, Extent : Light, A	rea Affec	ted : 10%		·	
Metal Panel	5%			2044	* *	5-10	\$9,400	
Granite Panels	3%	4+	\$4,300	LIFE	* *	5	\$600	
		r Miss/Eroo 1 : Through	d, Extent : Light, Ai out	rea Affec	ted : 10%			
Slate Panels	2%	2-4	\$2,800	LIFE	* *	5	\$400	
		r Miss/Eroo 1 : Through	d, Extent : Light, An out	rea Affec	ted : 10%			
Windows			* • • • • • • •			_	* - - - - - - - - - -	
Aluminum		2-4 /Rusting, E t : Through	\$13,800 Extent : Light, Area out	2023 Affected	\$137,700 : 50%	5	\$1,700	
Aluminum	20%			2040	* *	5	\$800	
Parapets								
Masonry: Brick			\$35,900 d, Extent : Moderat	LIFE e, Area A	* * Affected : 35%	5	\$3,100	
	Misaligne	-	Extent : Moderate,	Area Aff	ected : 10%			
Masonry: Brick	20%			LIFE	* *	5	\$900	
Masonry: Limestone	10% Jnt Morta		\$4,700 d, Extent : Moderat	LIFE e, Area A	* * Affected : 25%	5	\$600	
		: Coping						
	Caulking I		ed, Extent : Modera	te, Area	Affected : 25%			
Roof								
Built-Up (BUR)	83%			2029	* *	10	\$13,900	
Metal Panel	15%			2037	* *	10	\$4,600	
Skylight, Metal/Glass	2%	4+	\$14,700 Extent : Light, Are	2034	**			

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

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

Asset # : 13342

			Asset # : 13	534Z				
rchitecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior	ł							
Floors								
Carpet	10%			2023	\$31,000	3	\$4,900	
Cast in Place Concrete	5%			LIFE	* *	5	\$2,700	
Ceramic Tile	5%			2033	* *	5	\$1,200	
Terrazzo	5%			LIFE	* *	5	\$1,000	
Vinyl Tile	45%			2032	* *	3	\$5,500	
Vinyl Tile	30%	2-4	\$12,400	2029	* *	3	\$2,800	
	-	Crumbling, 1 : Through	Extent : Light, Are out	ea Affecte	ed : 20%			
Interior Walls								
Gypsum Board	15%			LIFE	* *	5	\$3,200	
Operable Wall	5%			2044	* *	5	\$6,200	
Marble Panels	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	\$7,500	
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings	500/	2.4	0.00	2027	* *	5	¢7 700	
AcousTileConcealSpLn	Cracking/	2-4 Crumbling, 1 : Through	\$9,800 Extent : Light, Are out	2037 ea Affecte		5	\$7,700	
AcousTileSusp.Lay-In	10%			2037	* *	5	\$2,500	
Exposed Concrete	10%			LIFE	* *	5	\$400	
Gypsum Board	10%			LIFE	* *	5	\$3,100	
Gypsum Board	10%			LIFE	* *	5	\$3,100	
Plaster	10%			LIFE	* *	5	\$1,500	
lectrical		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts								
Service Equipment Fused Disc Sw	100%			2044	* *	5	\$100	
		ervation, E	Extent : Moderate, A		ected : 100%	-	+ - • •	
		ı : Electrica		55				
	Explana	tion : One I	2000 Amps Main D	isconnec	et Switch			
Switchgear / Switchboard	1		1					
Molded Case Bkrs	100%			2044	* *	5	\$500	
Raceway	1000			0044		4		
Conduit	100%			2044	* *	1		
Panelboards				• • • • •		_		
Fused Disc Sw	5%			2040	* *	5	± ·	
Molded Case Bkrs	95%			2040	* *	5	\$400	
Wiring Thermoplastic	100%			2044	* *	1		
Motor Controllers Locally Mounted	100%			2037	* *	5	\$100	
round	100%			2037		5	\$100	

Ground

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

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

Asset # : 13342

	Asset	#:13342				
Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
round						
Grounding Devices				_		
Generic	100%	LIFE	* *	5	\$300	
ighting Interview Lighting						
Interior Lighting Fluorescent	65%	2029	* *	10	\$10,300	
i noreșecii	T-8 Lamps, Extent : Moderate, A Location : Throughout The Bu	Area Affected : 65%	6	10	φ10,500	
Fluorescent	35%	2029	* *	10	\$5,600	
	T-5 Lamps, Extent : Moderate, 2 Location : Thriughout The But	Area Affected : 35%	6		. ,	
Egress Lighting				-		-
Emergency, Battery	50%	2029	* *	10	\$2,100	
Exit, LED	50%	2052	* *	1		
Exterior Lighting	1000/	2020	-t-	10	¢100	
HID	100%	2029	* *	10	\$100	
arm Security System No Component	50%					
Generic	50%	2029	* *	1	\$3,200	
Fire/Smoke Detection Generic	100%	2029	* *	1-3	\$11,000	
lechanical	Current Repair	Future	Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimate Total (Years)		Estimated Cost		Estimated Cost	Priorit
eating						
Energy Source Interruptible Gas/Dual Fuel	100%	2044	* *	1		
Conversion Equipment Hot Water Boiler	100% 2-4 \$3 Obsolete Equipment, Extent : Se Location : Basement	8,600 2044 evere, Area Affected	* * d : 100%	1	\$7,700	
	Other Observation, Extent : Lig Location : Basement	ht, Area Affected :	100%			
	Explanation : One Unit					
Distribution Hot Wtr Piping/Pump	100%	2040	* *	4	\$900	
Terminal Devices	(00)	2020	باد باد	1	ф <u>с</u> 400	
Air Handler	60%	2029	* *	1	\$6,400 \$2,200	
Convector/Radiator	40%	2037	* *	1	\$2,200	
ir Conditioning Energy Source Electricity	100%	2040	* *	1		
Electricity	100%	2040		1		

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

Asset # : 13342

			A3561 # . 13	JJ72				
Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	30%			2024	\$23,800	2	\$300	
			tent : Light, Area A	ffected :	100%			
Na Campanant	Location	i : Koof						
No Component Terminal Devices	70%							
Air Handler/Cool/Ht	70%			2029	* *	1	¢7.500	
	70% 30%			2029		1	\$7,500	
No Component Heat Rejection	30%							
Remote Air Cond	70%			2029	* *	2	\$8,500	
No Component	30%			2029		2	\$8,500	
Ventilation	30%							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,700	
Exhaust Fans	10070					23	ψ),700	
Roof	20%			2024	\$2,700	2	\$100	
No Component	80%			_0_1	¢ _ ,/00	-	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2050	* *	1		
Galv Iron/Steel	60%			2037	* *	1		
Water Heater								
Gas Fired	100%	0-2	\$4,000	2024	\$4,000	2	\$200	
	On Extend	led Life, Ex	tent : Severe, Area	Affected	: 100%			
	Location	ı : Basemen	t					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2029	* *	1	\$1,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators	1000/			LIPP	* *			
Hydraulic	100%		adama Ti-la A	LIFE				
	Other Obs Location		Extent : Light, Area	Аffected	: 100%			
		t : B-2 tion : One l	Init					
	Expiana	non : One l	Jnu					

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: JEFFERSON MARKET BRANCH LIBRARY							
Address	: 425 AVENUE OF THE AMERICAS AT	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 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$76,900
Interior Architecture		\$257,300
Electrical	\$144,100	\$837,800
Mechanical	\$60,600	
Total	\$204,700	\$1,172,000
Importance Code A		\$76,900
Importance Code B	\$204,700	\$1,095,100
Total	\$204,700	\$1,172,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$18,200		\$12,100	
Interior Architecture	\$113,200			\$3,500
Electrical	\$21,600	\$800	\$900	\$500
Mechanical	\$38,500	\$3,600	\$9,100	\$5,000
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$199,400	\$12,200	\$30,100	\$16,900
Importance Code A	\$18,200		\$12,200	
Importance Code B	\$128,100	\$12,200	\$17,900	\$16,900
Importance Code C	\$53,100			
Total	\$199,400	\$12,200	\$30,100	\$16,900



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

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

Asset # : 13343

Architecture	Current Repair Future Replace			e Replacement	acement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Iron	5%			LIFE	* *	_	** *	
Masonry: Brick	75%			LIFE	**	5	\$39,700	
	-	oair Evidei : Through	nt, Extent : Light, A out		cted : 66%			
Masonry: Granite	5%			LIFE	* *	5	\$2,000	
	-	vair Evider : Through	ıt, Extent : Light, A out	rea Affeo	cted : 66%			
Masonry: Sandstone	15%			LIFE	* *	5	\$6,000	
	-	pair Evider : Through	nt, Extent : Light, A out	rea Affeo	cted : 66%			
Windows								
Aluminum	75%			2032	* *	5	\$6,200	
Aluminum	10%	Now	\$1,900	2023	\$37,200	5	\$400	
		Air Infiltration, Extent : Moderate, Area Affected : 40%						
		: Basemer						
	-	louded, Ex : Basemer	tent : Moderate, Ar ut	ea Affeci	ted : 40%			
Aluminum	15%	2-4	\$3,200	2032	* *	5	\$600	
			Extent : Moderate, A	Area Affe	cted : 20%			
			Floor And Above					
	Explana	tion : Thes	e Are Stained Glas.	s Window	/\$			
Roof	150/			2020	* *	10	¢12 100	
Copper/Terne	15% Basent Ba	nlago Fuid	ant Extant . Light	2039		10	\$12,100	
		: Through	ent, Extent : Light, out	Area Ajje	eciea . 100%			
<u>Class</u>				LIPP	* *			
Slate	85% Currenting	Now Communities of	\$10,100	LIFE				
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5% Location : At Various Locations							
			us Locations Extent : Moderate, A	Aroa Affa	ated + 10%			
		: Through		treu Ajje	cieu. 10%			
nterior	Locuiton	. Intough	oui					
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$3,400	
Terrazzo	5%			LIFE	* *	5	\$1,200	
Vinyl Tile	40%	2-4	\$11,400	2024	\$114,300	3	\$4,700	
			Extent : Light, Ar				, , , , , , , , , , , , , , , , , , , ,	
	-	-	out 9x9 Tiles					
Vinyl Tile	50%	2-4	\$14,300	2024	\$142,900	3	\$5,800	
, <u>, , , , , , , , , , , , , , , , , , </u>			Extent : Light, Ar			-	++,+50	
	-	: Through	-					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. 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	0343				
Architecture		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nterior								
Interior Walls								
Gypsum Board	10%			LIFE	* *	5	\$3,300	
Masonry: Brick	20%	4+	\$23,500	LIFE	* *			
			t : Severe, Area Affe	ected : 30	0%			
	Locatior	ı : Basemer	ıt					
Masonry: Fieldstone	Location	servation, E 1 : Basemer	\$4,000 Extent : Severe, Are at resence, Water Pen		* * d : 10%			
Masonry: Limestone	10%			LIFE	* *			
Plaster	53%		\$25,600	LIFE	* *	5	\$8,800	
	Broken/M Locatior Cracking/	issing Elen 1 : Second I Crumbling	ents, Extent : Mod Floor Toilet . Extent : Moderate Floor Toilet And Fi	erate, Ar e, Area Aj		5	\$6,600	
			xtent : Severe, Area		1.30%			
			nt Storage Room, 1s			l Firo Sta	,ir	
XX / 1			li Siorage Room, 13		**			
Wood Ceilings	5%			LIFE		5	\$11,100	
Masonry: Infill Arch			\$8,200 d, Extent : Moderat out	LIFE te, Area A	* * Affected : 20%			
Plaster	60%			LIFE	* *	5	\$12,300	
			Extent : Moderate, A pr Auditorium, 1st I			rd Floor		
Plaster	25%	Now	\$26,200	LIFE	* *	5	\$5,100	
	Cracking/	Crumbling	Extent : Moderate	, Area Aj	ffected : 30%			
	Location	ı : Rotunda	Ceiling And Walkw	way Abov	ve Mezzanine, Aud	itorium		
Wood	5%			LIFE	* *	5	\$14,400	
lectrical		Current	Renair	Futur	e Replacement	М	aintenance	
ystem	£		Estimated Cost					Duiani
Component Type	% of Total	(Years)	Estimated Cost	Year FY	Estimated Cost	(Yrs)	Estimated Cost	Priori
nder 600 Volts Service Equipment Fused Disc Sw	100%			2034	* *	5	\$100	
1 used Disc Sw	Other Obs Location	servation, E 1 : Electrice	Extent : Moderate, A al Room ating Available			5	\$100	
Switchgear / Switchboard Molded Case Bkrs	100%			2024	\$35,000	5	\$500	
Raceway Conduit	100%			2024	\$34,000	1		

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

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

Asset # : 13343

		ASSEL # . 13	JJ7J				
Electrical	Curren	nt Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Panelboards							
Molded Case Bkrs	95%		2023	\$23,100	5	\$500	
Molded Case Bkrs	5%		2032	* *	5		
Wiring							
Braided Cloth	70% 2-4	\$21,000	2049	* *	1		
		Extent : Moderate, Are	а Ајјесте	2a : 100%			
	Location : Throu	gnout					
Rubber	10%		2023	\$3,000	1		
Thermoplastic	20%		2024	\$6,000	1		
Motor Controllers	1000/		2022	¢ 40, 100	~	¢100	
Locally Mounted	100%		2022	\$49,100	5	\$100	
Ground							
Grounding Devices Generic	100%		LIFE	* *	5	\$300	
Generic		, Extent : Moderate, A			5	\$300	
	Location : Boiler		irea rijje				
		onnected With Main W	Vater Pin	e			
ighting				-			
Interior Lighting							
Fluorescent	90%		2024	\$668,900	10	\$17,100	
	Other Observation	, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Throu	ghout					
	Explanation : T-	12 Lamps					
Incandescent	10%		2019	\$74,300	2		
Egress Lighting							
Exit, Service	50%		2024	\$1,600	1		
Exit, Battery	50%		2024	\$5,200	10	\$700	
Exterior Lighting							
HID	100%		2024	\$84,800	10	\$100	
Alarm							
Security System	000/						
No Component	80%		2020	* *	1	¢1 COO	
Generic	20%		2029		1	\$1,600	
Fire/Smoke Detection	70%						
No Component Generic	70% 30%		2019	\$69,800	1-3	\$3,800	
	30%		2019	\$09,000	1-3	\$3,000	
Mechanical	Currer	nt Repair	Futur	e Replacement	Μ	aintenance	
System				-			Delevit
Component	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	(Yrs)	Estimated Cost	Priority
Туре		<i></i>			(115)		
Heating							
Energy Source							
Under Construction	100%						
Conversion Equipment							
Under Construction	100%						

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

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

Asset # : 13343

lechanical	Current Repair Future Replacem			e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
eating							
Distribution							
Hot Wtr Piping/Pump	60%		2032	* *	4	\$600	
Steam Piping/Pump	40%		2034	* *	4	\$600	
Terminal Devices							
Convector/Radiator	10%		2037	* *	1	\$700	
No Component	40%						
	Other Observation, I		Affected	:0%			
	Location : Basemen					0.62.4	
	Explanation : Air H	landlers Are Cover	ed Under	r A C Section. 2 U	nits Out	Of 3 Are Out	
No Component	50%		A.CC . 1	00/			
	Other Observation, I						
Conditioning	Explanation : Fan	Coil Units Are Cov	ered Und	ler A C Section			
r Conditioning Energy Source							
Electricity	100%		2040	* *	1		
Conversion Equipment	10070		2040		1		
Centrifugal, Elec Chiller	100% 2-4	\$60,600	2039	* *	1	\$20,200	
	R-22 Refrigerant, Ex			100%	-	<i>\</i>	
	Location : 2 Units	-	,,,				
	Other Observation, I	Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Basemen	nt					
	Explanation : Obso	olete Chillers					
Distribution							
Chilled Wtr Pipe/Pump	100%		2044	* *	4	\$1,000	
Terminal Devices							
Air Handler/Cool/Ht	50% Now	\$28,600	2029	* *	1	\$5,800	
	Unit Inoperable, Ext				<i>C</i>		
	Location : 2 Out of	3 In Basement Chi					
Fan Coil - Cool/Heat	50%		2029	* *	1	\$3,400	
Heat Rejection	1000/			ste ste		*** • • • • • • • • • • • • • • • • • • •	
Water Cool Tower	100%		2029	* *	2	\$20,900	
ntilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11 GOO	
Exhaust Fans	100%		LIFE		2-3	\$11,600	
Roof	10% Now	\$400	2024	\$1,800	2	\$100	
NUUI	Not in Service, Exter				4	\$100	
	Location : Roof			- / -			
No Component	90%						
imbing	9070						
H/C Water Piping							
Galv Iron/Steel	100%		2029	* *	1		
Water Heater			_ ~ _ ~		-		
Electric	100%		2022	\$3,500	4	\$200	
	Other Observation, 1	Extent : Light, Area					
	Location : Baseme	nt Boiler Room					
	Explanation : 1 Re.	served Gas Fire Un	it Not Co	onnected To Flue F	Pipe		

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

Asset # : 13343

Mechanical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sanitary Piping						
Cast Iron	100% Now \$	4,900 LIFE	* *	1		
	On Extended Life, Extent : Mod	lerate, Area Affecte	d : 15%			
	Location : Drainage, Especia	lly In Kitchen				
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Rigid Piping	100%	2024	\$12,000	4	\$1,600	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			
	Other Observation, Extent : Lig	ht, Area Affected :	100%			
	Location : B-3					
	Explanation : 2 Units					
Fire Suppression						
Sprinkler						
No Component	95%					
Generic	5%	2034	* *	1-2	\$300	

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

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 2017 - 2020	FY 2021 - 2026
Interior Architecture		\$43,700
Total		\$43,700
Importance Code B		\$43,700
Total		\$43,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				\$13,700
Interior Architecture	\$1,700		\$700	\$500
Electrical	\$1,400	\$1,200	\$1,200	\$1,500
Mechanical	\$1,500	\$1,300	\$2,100	\$3,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$8,500	\$6,400	\$7,900	\$23,000
Importance Code A	\$600	\$600	\$600	\$14,300
Importance Code B	\$7,400	\$5,800	\$7,200	\$8,600
Importance Code C	\$500			
Total	\$8,500	\$6,400	\$7,900	\$23,000



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

Asset # : 14728

Architecture		Current R	epair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	* *	5	\$8,300	
Masonry: Brick	25%			LIFE	* *	5	\$2,100	
Metal Panel	20%			2050	* *	5-10	\$11,400	
Window Wall	35%			2050	* *	5	\$10,800	
Parapets								
Masonry: Brick	30%			LIFE	* *	5		
Metal Panel	20%			2050	* *	5		
Metal Rail	50%			2041	* *	5-10		
Roof								
IRMA/Protected Membrane	20%			2032	* *	10		
			ctent : Light, Area					
	Location	: First Flo	or Near Emergenc	y Exit At	East Side			
IRMA/Protected Membrane	65%			2032	* *	10		
memorane	Other Obse	ervation, E.	xtent : Moderate, A	rea Affe	cted : 100%			
		: Through		55				
	Explanati	ion : " Gree	en " Roof Is Cover	ed With I	Planting			
Sloped Glazing	15%			LIFE	* *	5		
nterior								
Floors								
Carpet	5%			2025	\$16,800	3	\$2,000	
Cast in Place Concrete	35%			LIFE	* *	5	\$20,400	
	Cracking/C	Crumbling,	Extent : Light, Are	a Affecte	ed : 10%			
	Location	: First Flo	or At Column Junc	tions				
			xtent : Moderate, A	rea Affe	cted : 100%			
		: Throughd						
	Explanati	ion : Polish	ned Concrete					
Cast in Place Concrete	40%			LIFE	* *	5	\$23,300	
Ceramic Tile	5%			2037	* *	5	\$1,300	
Vinyl Tile	15%			2032	* *	3	\$2,000	
Interior Walls								
Cast in Place Concrete	50%			LIFE	* *			
Ceramic Tile	5%			2037	* *	5	\$1,000	
Concrete Masonry Unit	10%			LIFE	* *	5	\$800	
Glass: Single Pane	5%			LIFE	* *	5	\$800	
Gypsum Board	15%			LIFE	* *	5	\$1,800	
Metal Panel	10%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$4,000	

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

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

Asset # : 14728

		ASSEL # . 14	1/20				
Architecture		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nterior							
Ceilings					_	* •••	
Exposed Concrete	5%		LIFE	* *	5	\$200	
Gypsum Board	10%		LIFE	* *	5	\$3,300	
		ration, Extent : Light, Area First Floor Near East Eme	00				
Metal Panel	75%		LIFE	* *	5	\$24,900	
Wood	10%		LIFE	* *	5	\$23,300	
	Location :	vation, Extent : Moderate, A Community Room, Childre n : Suspended Wood Slat C	ns Story I				
Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fa	ail Date Estimated Cost Years)		Estimated Cost		Estimated Cost	Priority
Jnder 600 Volts			•				
Service Equipment							
Fused Disc Sw	100%		2050	* *	5	\$100	
	Other Obser	vation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location :	Electrical Room					
	Explanatio	n : Main Service Switch Ra	ted @ 80	00 Amperes			
Switchgear / Switchboard							
Fused Disc Sw	100%		2050	* *	5	\$100	
Raceway							
Conduit	100%		2050	* *	1		
Panelboards							
Molded Case Bkrs	100%		2046	* *	5	\$300	
Wiring							
Thermoplastic	100%		2050	* *	1		
Motor Controllers					_		
Locally Mounted	100%		2041	* *	5	\$100	
Ground							
Grounding Devices	1000/		TIPP	* *	F	\$300	
Generic	100%		LIFE	* *	5	\$200	
Lighting							
Interior Lighting	700/		2022	* *	10	¢0 000	
Fluorescent	70%	Extent . Madauata Aura Al	2032		10	\$8,000	
	-	Extent : Moderate, Area Aff Throughout The Building	ecied : 1	00/0			
Fluorescent			2032	* *	10	\$3,400	
Fluorescent	30% Other Obser	vation, Extent : Moderate, A			10	\$3,400	
		Throughout The Building	леи Ајје	<i>cieu</i> . 10070			
		n : Compact Fluorescent L	ioht Firti	1105			
Egress Lighting	Елрианано	a . Compact Privorescent L	5111 1 1.1.11	1105			
Emergency, Battery	50%		2032	* *	10	\$1,500	
Exit, Service	50%		2032	* *	1	ψ1,500	
Lait, Service	5070		2052		1		

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

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

Asset # : 14728

		ASSet # : 14	120				
Electrical	Curren	nt Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lighting							
Exterior Lighting							
Fluorescent	50%		2032	* *	10	\$600	
		, Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Main						
		mpact Fluorescent L					
HID	50%		2032	* *	10		
Alarm							
Security System	1000/		2022	* *	1	¢ 4 700	
Generic	100% Other Observation	, Extent : Moderate, A	2032 Area Affe		1	\$4,700	
		And Outside The Bui		cieu. 10070			
		CTV Surveillance C	0				
Fire/Smoke Detection							
Generic	100%		2032	* *	1-3	\$7,900	
	Other Observation	, Extent : Moderate, A	Area Affe	cted : 100%		. ,	
		ghout The Building	00				
	Explanation : Str	obe Lights, Manual H	Pull Static	on, Alarm Bells An	d Smoke	Detectors	
Mechanical	Curren	t Repair	Futur	e Replacement	М	aintenance	
System Component		te Estimated Cost		Estimated Cost	-	Estimated Cost	Priority
Туре	Total (Years	3)	FY		(Yrs)		
Heating			•				
Energy Source							
Natural Gas	100%		2050	* *	1		
Conversion Equipment							
Furnace	100%		2032	* *	1	\$6,200	
		, Extent : Light, Area	Affected	: 100%			
	Location : Part C						
	Explanation : 2 U	Jnits					
Air Conditioning							
Energy Source	10034		0011				
Electricity	100%		2046	* *	1		
Conversion Equipment	10034		0000		~	*~~~	
Ext Pkg Unit -	100%		2032	* *	2	\$800	
Heating/Cooling	ם בי	Friday A . T to I. A . A	ffacts 1	1000/			
	R-22 Refrigerant, I Location : 2 Unit	Extent : Light, Area A	ffected :	100%			
Ventilation	Location . 2 Unit	ა					
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,000	
Exhaust Fans	100/0				23	Ψ 7,000	
Roof	100%		2032	* *	2	\$400	
Plumbing	20070				_	<i>\</i>	
H/C Water Piping							
Brass/Copper	100%		2050	* *	1		
11							

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

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

Asset # : 14728

Mechanical	Current Repair Future Replacement Maintenance							
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Plumbing								
Water Heater								
Electric	100%	2023	\$1,900	4	\$100			
	Other Observation, Extent : Light, Art	ea Affected : 10	0%					
	Location : Mechanical Room							
	Explanation : One Tank							
Sanitary Piping								
Cast Iron	100%	LIFE	* *	1				
Storm Drain Piping								
Cast Iron	100%	LIFE	* *	1				
Sump Pump(s)								
Rigid Piping	100%	2032	* *	4	\$1,600			
Sewage Ejector(s)								
Electric	100%	2032	* *	4	\$1,600			
Backflow Preventer								
Generic	100%	2032	* *	1	\$800			
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%	LIFE	* *					
	Other Observation, Extent : Light, Ar	ea Affected : 10	0%					
	Location : At All Levels							
	Explanation : One Unit							
Fire Suppression								
Chemical System								
No Component	90%							
Generic	10%	2023	\$2,600	1-3	\$5,500			
	Other Observation, Extent : Light, Ar	ea Affected : 10	0%					
	Location : Throughout							
	Explanation : Fire Extinguishers							

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: LIBRARY FOR THE PERFORMING	ARTS LINCOLN C	ENTER
Address	: 40 LINCOLN CENTER PLAZA 111 AM	MSTERDAM 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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$473,500	\$550,800
Interior Architecture	\$269,400	\$124,400
Electrical	\$107,900	\$654,600
Total	\$850,800	\$1,329,800
Importance Code A	\$473,500	\$550,800
Importance Code B	\$377,300	\$779,000
Total	\$850,800	\$1,329,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			\$2,000	
Interior Architecture	\$237,000	\$9,800		\$44,200
Electrical		\$1,000	\$900	\$100
Mechanical	\$23,200	\$38,500	\$42,000	\$20,400
Elevators/Escalators	\$19,700	\$19,700	\$19,700	\$19,700
Total	\$279,900	\$69,100	\$64,600	\$84,400
Total	<i>\$21</i> ,,,00	ψ0,100	<i>401,</i> 000	ψυτ,του
Importance Code A	\$5,500	\$3,700	\$5,400	\$3,400
Importance Code A	\$5,500	\$3,700	\$5,400	\$3,400



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

Asset # : 1926

Architecture	Current Repair Future Replacement					nt Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Travertine	Location Sidewalk S	t : Through Shed in Use	d, Extent : Modera out e, Extent : Moderat Along Amsterdam					
Pre-Cast Concrete		racks, Exte	\$81,100 ent : Moderate, Are out Bulkhead	LIFE a Affecte	* * d : 10%	5	\$80,500	
Window Wall	35%			2043	* *	5	\$325,200	
Windows Aluminum	100%			2039	* *	5	\$3,900	
Parapets Metal Rail	100%			2036	* *	5-10	\$267,400	
Roof Single Ply Membrane	Location	: Around I	derate, Area Affect Bulkhead , Extent : Moderat		**	10	\$229,800	
	Ponding, I Location	Extent : Mo	Auditorium oderate, Area Affec eck, Throughout					
Skylight, Metal/Glass	5%			2043	* *	10	\$40,300	
terior								
Floors Carpet			\$198,900 : Light, Area Affec out All Floors	2022 cted : 25%	\$994,600 %	3	\$118,000	
Cast in Place Concrete	5%			LIFE	* *	5	\$21,500	
Ceramic Tile	5%			2032	* *	5	\$9,800	
Terrazzo	25% Cracking/	0-2 Crumbling, a : Main Sta	\$226,400 Extent : Moderate uirs	LIFE	* * ffected : 10%	5	\$38,400	
			xtent : Moderate, A r Corridor	Area Affe	cted : 5%			
Vinyl Tile	Location		\$33,100 Extent : Moderate, A or Backstacks Files	2028 Area Affe	* * cted : 25%	3	\$14,700	
Wood	5%			2051	* *	5	\$18,400	
Interior Walls	-						. , -	
Cast in Place Concrete	10%			LIFE	* *			
Concrete Masonry Unit	10%			LIFE	* *	5	\$4,200	
Gypsum Board	15%			LIFE	* *	5	\$9,400	
Travertine Panels	15%			LIFE	* *			
Plaster	50%			LIFE	* *		\$15,700	

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

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

Asset # : 1926

			Asset # : 1	920				
rchitecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Ceilings								
AcousTileConcealSpLn	35%			2028	* *	5	\$86,000	
AcousTileSusp.Lay-In	10%			2028	* *	5	\$19,700	
Exposed Concrete	15%			LIFE	* *	5	\$4,600	
Gypsum Board	5%			LIFE	* *	5	\$12,300	
Plaster	35%			LIFE	* *	5	\$43,000	
lectrical		Current I	Repair	Futur	e Replacement	М	aintenance	
/stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts								
Service Equipment Fused Disc Sw	Location	n : Basemen	Extent : Moderate, A st 5000 Amp Main Sei		\$20,600 cted : 100%	5	\$600	
Transformers	Елрійни	non . One .	5000 Amp Main Sel	vice				
Dry Type	100%			2036	* *	5	\$500	
	Location	n : Basemen	Extent : Moderate, A t 0 Kva 277/480v	Area Affe	cted : 100%			
Switchgear / Switchboard								
Fused Disc Sw	Location	n : Basemen				5	\$500	
	Explana	tion : Loca	ted In The Mechani	ical Roor	n			
Fused Disc Sw	10%			2043	* *	5	\$100	
			Extent : Moderate, A	Area Affe	cted : 100%			
		ı : First Flo						
	Explana	tion : Loca	ted At The First Flo	oor				
Raceway	200/			2022	* *	1		
Conduit Conduit	30%			2033	* *	1		
Conduit Conduit	50% 20%			2043 2023	\$16,500	1 1		
Panelboards	20%			2023	\$10,500	1		
Molded Case Bkrs	50%			2031	* *	5	\$1,800	
Molded Case Bkrs	50%			2031	* *	5	\$1,800	
Wiring	5070			2037		5	ψ1,000	
Thermoplastic	30%			2043	* *	1		
Thermoplastic	70%			2043	* *	1		
Motor Controllers	7070			_000		1		
Locally Mounted	50%			2036	* *	5	\$500	
-	30%			2028	* *	5	\$300	
Locally Mounted	5070			2020		5	Φ300	

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

			Asset # : 1	926				
Electrical		Current F	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
round								
Grounding Devices Generic			xtent : Moderate, 2	LIFE Area Affe	* * cted : 100%	5	\$2,000	
		: Basemen ion : Wate						
ghting								
Interior Lighting								
Fluorescent	Location	: Through		55		10	\$107,900	
		ion : Using	T-5 And T-8 Lam		ighting Tied Into N			
HID	5%			2028	* *	10	\$200	
Incandescent			xtent : Moderate, A And Auditorium	2028 Area Affe	* * cted : 100%	2	\$300	
		ion : All In Panel Swi		ng At Auc	litorium And Galle	ery Conto	lled By Lutron	
Egress Lighting	70%			2028	* *	1		
Emergency, Service Exit, LED	70% 30%			2028 2051	* *	1 1		
Exterior Lighting HID	100%			2023	\$517,900	10	\$400	
arm								
Security System Not Accessible	100%							
Fire/Smoke Detection								
Not Accessible	100%							
lechanical		Current F	Repair	Futur	e Replacement	Μ	aintenance	
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
eating								
Energy Source Utility Steam	100%			2043	* *	1		
Conversion Equipment								
Heat Exchanger	50%	. –		2032	* *	1	\$34,200	
	Location	: Lincoln (
		ion : Equip	ment Is Located C		-		A	
Pres. Reducing Valve/I Steam				2032	* *	5	\$4,100	
	Location	: Lincoln (
	Explanat	ion : Equip	ment Is Located C	utside Th	ne 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.

Asset # : 1926

			Asset # : 1	520				
Mechanical	Current Repair Future Replacement					Μ		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating								•
Distribution								
Hot Wtr Piping/Pump	30%			2039	* *	4	\$2,000	
Steam Piping/Pump	70%			2043	* *	4	\$4,800	
Air Conditioning								
Energy Source								
District C.W.	100%			2043	* *	1		
Distribution								
Chilled Wtr Pipe/Pump	100%			2043	* *	4	\$6,800	
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	* *	1	\$85,600	
Ventilation								
Distribution	1000/			LIFE	* *	2 6	ф лл 20 0	
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$77,200	
Exhaust Fans	100%			2028	* *	2	¢ 4 000	
	100%			2028		2	\$4,200	
Plumbing H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger	100%			2028		1		
HW Heat Exchanger HTHW/HW	100%			2043	* *			
11111///11//		ervation F	Extent : Light, Area		· 100%			
		: Lincoln	-	1.5500000	. 10070			
	Explana	tion : Eaui	oment Is Located O	utside Th	he Librarv			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Compressed Air	100%			2043	* *	4	\$1,600	
Backflow Preventer							-	
Generic	100%			2028	* *	1	\$8,500	
Fixtures							-	
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
			nt : 3rd Floor					
	Explana	tion : 4 Un	its					
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	\$69,800	
Sprinkler								
No Component	40%							
Generic	60%			2043	* *	1-2	\$23,300	

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 # : 1926

Mechanical	Current Repair	Future Replacement	N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression					
Fire Pump					
Generic	100%	2032 **	• 1	\$25,800	
	Other Observation, Extent : Light, Are	a Affected : 100%			
	Location : Lincoln Center				
	Explanation : Equipment Is Located	Outside The 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.

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

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: MID-MANHATTAN BRANCH LIBR	ARY	
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		
Block	: 869 Lot : 74	BIN	: 1017602

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$106,400	\$266,500
Interior Architecture	\$560,000	\$502,000
Electrical	\$202,900	\$4,821,100
Mechanical	\$2,140,300	\$4,626,300
Total	\$3,009,500	\$10,215,900
Importance Code A	\$143,000	\$266,500
Importance Code B	\$2,778,000	\$9,885,900
Importance Code C	\$88,500	\$63,400
Total	\$3,009,500	\$10,215,900

Total	\$597,700	\$82,100	\$134,800	\$207,000
Importance Code C			\$7,000	
Importance Code B	\$597,700	\$77,400	\$127,800	\$176,900
Importance Code A		\$4,700		\$30,100
Total	\$597,700	\$82,100	\$134,800	\$207,000
Elevators/Escalators	\$37,900	\$37,900	\$37,900	\$37,900
Mechanical	\$83,000	\$40,300	\$82,100	\$79,100
Electrical	\$2,100	\$4,000	\$3,300	\$2,200
Interior Architecture	\$474,700		\$11,400	\$57,700
Exterior Architecture				\$30,100
EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020



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

% of Fail Date Total (Years) 5% Recent Repair Eviden Location : Througho	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Recent Repair Eviden						
Recent Repair Eviden						
Recent Repair Eviden						
		2060	**	10	\$14,000	
Locunon . Intought		rea Affec	ted : 00%			
25%		LIFE	* *	5	\$29,800	
Recent Repair Eviden Location : Througho		rea Affec	ted : 66%			
60%		LIFE	* *	5	\$53,700	
5%		LIFE	* *	5	\$4,500	
		rea Affec	ted : 66%			
5%		2045	* *	5	\$22,400	
30%		2041	* *	5	\$10,200	
70% 0-2	\$61,500			5	\$74,600	
Deformed/Dented, Ex Location : Bulkheaa Unit Inoperable, Exte	tent : Moderate, A 's nt : Moderate, Are	rea Affect a Affected				
			* *	5		
Spalling, Extent : Light			* *	5	\$2,100	
2%		LIFE	* *	5	\$100	
95%		2030	* *	10	\$44,800	
2%		2025	\$138,200	10	\$3,100	
Location : Through		Affected	: 100%			
-		2038	* *	1		
Other Observation, E. Location : Through	8			1		
	Recent Repair Eviden. Location : Througho 5% 30% 70% 0-2 Corrosion/Rusting, Ex Location : Bulkhead Deformed/Dented, Extent Location : Bulkhead Unit Inoperable, Extent Location : Bulkhead 38% 10% 50% Spalling, Extent : Light Location : Interior H 2% 95% 2% Other Observation, Ex Location : 4 3% Other Observation, Ex Location : Througho	Recent Repair Evident, Extent : Light, A Location : Throughout 5% 30% 70% 0-2 \$61,500 Corrosion/Rusting, Extent : Moderate, A Location : Bulkheads, Floors 3, 4, 5, 6 Deformed/Dented, Extent : Moderate, Are Location : Bulkheads Unit Inoperable, Extent : Moderate, Are Location : Bulkheads, Floors 3, 4, 5, 6 38% 10% 50% Spalling, Extent : Light, Area Affected : Location : Interior Face 2% 95% 2% Other Observation, Extent : Light, Area Location : Throughout Explanation : 4 3% Other Observation, Extent : Light, Area Location : Throughout	Recent Repair Evident, Extent : Light, Area Affect Location : Throughout 5% 2045 30% 2041 70% 0-2 \$61,500 2033 Corrosion/Rusting, Extent : Moderate, Area Affect Location : Bulkheads, Floors 3, 4, 5, 6 Deformed/Dented, Extent : Moderate, Area Affected Location : Bulkheads Unit Inoperable, Extent : Moderate, Area Affected Location : Bulkheads, Floors 3, 4, 5, 6 38% 2045 10% 2060 50% LIFE Spalling, Extent : Light, Area Affected : 10% Location : Interior Face 2% 2% LIFE 95% 2030 2025 Other Observation, Extent : Light, Area Affected : Location : Throughout Explanation : 4 3% 2038 2038 Other Observation, Extent : Light, Area Affected : Location : Throughout Explanation : 4	Recent Repair Evident, Extent : Light, Area Affected : 66% Location : Throughout 5% 2045 ** 30% 2041 ** 70% $0-2$ \$61,500 2033 **Corrosion/Rusting, Extent : Moderate, Area Affected : 1% Location : Bulkheads, Floors 3, 4, 5, 6Deformed/Dented, Extent : Moderate, Area Affected : 1% Location : BulkheadsUnit Inoperable, Extent : Moderate, Area Affected : 1% Location : Bulkheads, Floors 3, 4, 5, 6 38% 2045 ** 10% 2060 ** 50% LIFE** 50% LIFE** 50% LIFE** 2% 2030 ** 2% 2030 ** 2% 2030 ** 2% 2025 \$138,200Other Observation, Extent : Light, Area Affected : 100% Location : Throughout Explanation : 4 3% 2038 3% 2038 ** 3% 2038 **	Recent Repair Evident, Extent : Light, Area Affected : 66% Location : Throughout $\overline{5\%}$ 2045 ** 5 30% 2041 ** 5 30% 2041 ** 5 70% $0-2$ \$61,500 2033 ** 5 Corrosion/Rusting, Extent : Moderate, Area Affected : 1% Location : Bulkheads, Floors 3, 4, 5, 6 166 166 Deformed/Dented, Extent : Moderate, Area Affected : 1% Location : Bulkheads 106 106 Unit Inoperable, Extent : Moderate, Area Affected : 1% Location : Bulkheads, Floors 3, 4, 5, 6 106 38% 2045 ** 5 38% 2045 ** 5 38% 2045 ** 5 38% 2045 ** 5 38% 2045 ** 5 38% 2045 ** 5 38% 2045 ** 5 38% 2045 ** 5 38% 2045 ** 5 38% 2060 ** 5 2060 ** 5 2060 ** 5 2060 ** 5 2030 ** 10 2% 2030 ** 2% 2030 ** 2% 2038 ** 2% 2038 ** 3% 2038 ** 3% 2038 ** 3% 2038 ** 3% 2038 ** 3% 2038 ** 3% <td>Recent Repair Evident, Extent : Light, Area Affected : 66% Location : Throughout 5% 2045 $**$ 5 $\$\$22,400$ 30% 2041 $**$ 5 $\$\$22,400$ 30% 2041 $**$ 5 $\$\$22,400$ 30% 2041 $**$ 5 $\$\$\$22,400$ 30% 2041 $**$ 5 $\$</td>	Recent Repair Evident, Extent : Light, Area Affected : 66% Location : Throughout 5% 2045 $**$ 5 $$$22,400$ 30% 2041 $**$ 5 $$$22,400$ 30% 2041 $**$ 5 $$$22,400$ 30% 2041 $**$ 5 $$$$22,400$ 30% 2041 $**$ 5 $$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$

Interior

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

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

Asset # : 4226

Architecture	Current Repair Future Replacement				M			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Carpet	47%	Now	\$426,800	2024	\$1,422,600	3	\$168,700	
		-	amage, Extent : Se	vere, Are	ea Affected : 20%			
		: Through				_	* = 2 - 200	
Cast in Place Concrete			\$12,300 Extent : Severe, Area ical Space At Penth		* * d : 10%	5	\$52,300	
			Extent : Severe, Are		d : 50%			
			cal Space At Penth					
	Explanat	tion : Wate	r From Mechanica	l Equipm	ent Is On Floor			
Ceramic Tile	5%	0-2	\$68,900	2034	* *	5	\$6,000	
	-	Crumbling, : Through	Extent : Severe, A out	rea Affec	eted : 100%			
Panel/Paver: Cer/Brk	12%			2041	* *	5	\$64,600	
Marble Panels	3%			LIFE	* *	5	\$5,400	
Vinyl Tile	15%			2025	\$302,400	3	\$13,500	
Vinyl Tile	_	Now Crumbling, a : 6th Floo	\$100,800 Extent : Moderate r	2035 , Area Aj	* * ffected : 25%	3	\$4,500	
		etration, E : 6th Floo	xtent : Moderate, A r	rea Affe	cted : 25%			
Wood		Now ted Finish, : Penthou	\$234,600 Extent : Moderate, ses	2065 Area Afj	* * fected : 100%	5	\$6,700	
	Dry Rot/Decay, Extent : Moderate, Area Affected : 15%							
	Location : Penthouses							
			: Moderate, Area	Affected	: 50%			
	Location	: Penthou	ses					
Interior Walls	EN			2024	* *	5	¢12 000	
Ceramic Tile	5% 10%			2034 LIFE	* *	5 5	\$13,900 \$11,100	
Concrete Masonry Unit Glass: Single Pane	2%			LIFE	* *	5	\$4,200	
Gypsum Board	38%			LIFE	* *	5	\$63,400	
Masonry: Brick	10%			LIFE	* *	5	ψ05,400	
Plaster	10%	Now	\$88,500	LIFE	* *	5	\$8,300	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 35% Location : Penthouses							
		ted Finish, : Penthou	Extent : Moderate, se	Area Afj	fected : 25%			
Plaster	25%			LIFE	* *	5	\$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.

Asset # : 4226

rstem Component Type		E-1 D-4									
	Total	(Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
erior											
Ceilings											
AcousTileSusp.Lay-In	70%	0-2	\$67,100	2038	* *	5	\$83,800				
	Cracking/Crumbling, Extent : Light, Area Affected : 10%										
	Location	: Through	out								
Exposed Concrete	10%	Now	\$15,300	LIFE	* *	5	\$3,700				
Ī		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
	0	: Penthous		,	<i>jeelea</i> • 1070						
	Exposed Reinforcement, Extent : Severe, Area Affected : 10%										
	-	: Penthous		, 11/00/19	10/0						
Gypsum Board	10%	0-2	\$4,800	LIFE	* *	5	\$29,900				
51	Water Pen	Water Penetration, Extent : Light, Area Affected : 5%									
		: Through	-	55							
Plaster	10%	Now	\$15,600	LIFE	* *	5	\$15,000				
1 luster		10% Now \$15,000 LIFE 5 \$15,000 Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
	Location : Penthouses										
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%										
	Location	: Stairs									
lectrical		Current F	Popair	Futur	e Replacement	NA	aintenance				

ectrical		Current Re	epair	Futu	re Replacement	Μ	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
der 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	\$36,700	2055	* *	5	\$300	
	On Extende	ed Life, Exte	ent : Moderate, A	rea Affec	cted : 100%			
	Location	: Electrical	Room					
	Other Obse	ervation, Ext	tent : Moderate, A	Area Affe	ected : 100%			
	Location	: Electrical	Room					
	Explanat	ion : Two El	ectrical Services	Rated @	0 4000 Amps And 2	000 Amp	os	
Switchgear / Switchboard								
Fused Disc Sw	80%	2-4	\$77,500	2055	* *	5	\$300	
	On Extende	ed Life, Exte	ent : Moderate, A	rea Affec	cted : 100%			
	Location	: Electrical	Room					
Fused Disc Sw	20%			2025	\$19,400	5	\$100	
Raceway								
Conduit	20%			2035	* *	1		
Conduit	80%			2025	\$89,300	1		
Panelboards								
Fused Disc Sw	5%			2024	\$3,300	5	\$200	
Molded Case Bkrs	40%			2033	* *	5	\$1,700	
Molded Case Bkrs	55%			2024	\$36,700	5	\$2,300	

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

Asset # : 4226

Electrical		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth		-	\$44,800 ent : Moderate, Are out The Building	2050 a Affecte	* * ed : 100%	1		
Thermoplastic	30%			2035	* *	1		
Thermoplastic	30%			2025	\$33,600	1		
Motor Controllers								
Locally Mounted	69%			2023	\$165,300	5	\$700	
Motor Control Center	30%			2023	\$17,700	5	\$1,300	
Variable Frequency Drive	1%			2045	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$2,300	
Lighting								
Interior Lighting								
Fluorescent	70%			2025	\$3,669,100	10	\$102,600	
	Location Explana	: Through	Extent : Moderate, A out The Building 3 T-8 Lamps		**	10	¢14,700	
Fluorescent	Location	: Through	Extent : Moderate, A out The Building pact Fluorescent La			10	\$14,700	
Fluorescent	20%			2030	* *	10	\$29,300	
	Location	: 5th Floo		Area Affe	ected : 100%			
	Explana	tion : Using	g T-8 Lamps					
Egress Lighting	5 001			0005	¢10<000	10	¢10.000	
Emergency, Battery	50%			2025	\$106,800 * *	10	\$19,300	
Exit, LED	5%			2053		1		
Exit, Service	45%			2025	\$10,200	1		
Exterior Lighting	1000/			2025	¢500.200	10	¢.500	
HID	100%			2025	\$598,300	10	\$500	
Alarm								
Security System								
No Component	65%			2020	* *	1	¢20.000	
Generic	35%			2030	ጥ ጥ	1	\$20,900	
Fire/Smoke Detection	C00/							
No Component	60%			2020	* *			
Generic, Digital	40%			2030	· · ·			
Mechanical		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Heating

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

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

Asset # : 4226

			ASSEL # . 4	220				
Mechanical	Current Repair				e Replacement	М		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating								
Energy Source								
Utility Steam	100%			2035	* *	1		
			Extent : Light, Area	Affected	: 100%			
		1 : Through						
	Explana	tion : From	n Con Edison					
Conversion Equipment Pres. Reducing Valve/Ll Steam	P 100%			2028	* *	5	\$9,500	
	Other Obs	servation, E	Extent : Light, Area	Affected	: 40%			
	Location	ı : Basemen	nt					
	Explana	tion : 1 Ver	y Old Heat Exchan	nger				
Distribution								
Hot Wtr Piping/Pump	40%			2024	\$318,300	4	\$3,200	
Steam Piping/Pump	60%			2025	\$663,700	4	\$7,100	
Terminal Devices								
Air Handler	60%	Now	\$10,300	2020	\$512,500	1	\$53,400	
	Leak Evid	lent, Extent	: Moderate, Area A	Affected :	5%			
	Location	ı : Leaking	From Drip Pan					
	On Extend	led Life, Ex	tent : Severe, Area	Affected	: 60%			
	Location	ı : Various	Areas					
Convector/Radiator	25%			2023	\$374,100	1	\$12,900	
Fan Coil Unit/Heat	15%			2020	\$355,800	1	\$7,800	
Air Conditioning					. ,		. ,	
Energy Source								
Utility Steam	70%			2035	* *	1		
Electricity	30%			2033	* *	1		
Conversion Equipment								
Absorption	70%			2021	\$365,600	1	\$121,100	
Chiller/Steam/HW							, , , , , , , , , , , , , , , , , , , ,	
	Other Obs	servation, E	Extent : Light, Area	Affected	: 70%			
	Location	ı : Basemer	nt –					
	Explana	tion : 3 Un	its					
Split Unit	30%			2020	\$219,400			
			tent : Light, Area A					
	-	ı : Basemer	-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Distribution								
Chilled Wtr Pipe/Pump	70%			2025	\$542,000	4	\$8,300	
No Component	30%			2020	<i>\$5</i> 12,000		ψ0,500	
Terminal Devices	5070							
Air Handler/Cool/Ht	70%			2020	\$471,100	1	\$69,200	
Fan Coil - Cooling	30%			2020	\$366,000	1	\$15,500	
Heat Rejection	5070			2020	φ300,000	1	$_{\psi_{1}},500$	
Water Cool Tower	100%			2029	* *	2	\$160,900	
Ventilation	10070			2029		4	ψ100,900	
Distribution								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$89,200	
Ductwork/Diffuscis	100%			LILE		2-5	<i>407,200</i>	

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

Asset # : 4226

Mechanical	Current	Current Repair Future Replacement					
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Exhaust Fans							
Interior	95%		2020	\$166,400	2	\$4,700	
Roof	5%		2020	\$6,300	2	\$200	
Plumbing							
H/C Water Piping	1000/		2025	* 152 2 00			
Brass/Copper	100%		2025	\$473,200	1		
	On Extended Life, Ex Location : Circulat		Affected	: 5%			
	Location . Circular	ing F ump					
HW Heat Exchanger	100% 0-2	\$49,100	2055	* *	4	¢15 000	
Low Temp	Corroded, Extent : Se		2055 1 · 40%		4	\$15,800	
	Location : Basemen		1.40/0				
Sanitary Piping	Location : Dasemen						
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070		LIIL		1		
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	10070				•		
Rigid Piping	100%		2025	\$11,000	4	\$2,500	
Sewage Ejector(s)				. ,		. ,	
Electric	100%		2020	\$11,000	4	\$1,600	
Fixtures							
Generic	100%						
/ertical Transport							
Elevators							
Geared Traction	90%		LIFE	* *			
	Other Observation, E	Extent : Light, Area	Affected	: 90%			
	Location : B-6						
	Explanation : 4 Pas	ssenger Elevators					
Hydraulic	10%		LIFE	* *			
	Other Observation, E	xtent : Light, Area	Affected	: 10%			
	Location : B-1	• 1.					
	Explanation : 1 Fre	light					
Escalators Under 20' Rise	100%		LIFE	* *			
Under 20 Rise	100% Other Observation, E	Frient · Light Area					
	Location : At Front	-	Ајјестей	. 10070			
	Explanation : 1 Un						
Fire Suppression	Explanation . 1 On	, 1100151 2					
Standpipe							
Generic	100%		2035	* *	1-5	\$83,600	
Sprinkler						,	
Generic	100%		2025	\$1,849,800	1-2	\$44,800	

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

Print Date: 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: MORNINGSIDE HEIGHTS BRANC	MORNINGSIDE HEIGHTS BRANCH LIBRARY								
Address	: 2900 BROADWAY @ W.113 ST	900 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

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Interior Architecture		\$8,000	\$1,300	\$12,000
Electrical	\$300	\$300	\$300	\$2,500
Mechanical	\$4,000	\$3,300	\$4,500	\$5,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$8,200	\$15,500	\$10,100	\$23,700
Importance Code A				
Importance Code B	\$8,200	\$15,500	\$10,100	\$23,700
Importance Code C				
Total	\$8,200	\$15,500	\$10,100	\$23,700



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	030				
Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nterior								
Floors								
Carpet	10%			2024	\$33,700	3	\$4,000	
Ceramic Tile	10%			2034	* *	5	\$2,700	
Panel/Paver: Bluestone	20%			LIFE	* *	5	\$4,000	
Sheet Vinyl/Rubber	60%			2030	* *	5	\$23,900	
Interior Walls								
Gypsum Board	100%			LIFE	* *	5	\$12,100	
Ceilings								
AcousTileSusp.Lay-In	50%			2038	* *	5	\$13,300	
Gypsum Board	50%			LIFE	* *	5	\$16,600	
Electrical		Current I	Renair	Futu	e Replacement	М	aintenance	
System	0/ .6		•					D.:
Component Type	% of Total	(Years)	Estimated Cost	Year FY	Estimated Cost	(Yrs)	Estimated Cost	Priorit
Inder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	\$100	
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Electrica	al Room					
	Explana	tion : 1- 40	0 Amps Main Disco	onnect S	witch			
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	\$100	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5		
Molded Case Bkrs	90%			2041	* *	5	\$400	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers						_		
Locally Mounted	100%			2038	* *	5	\$100	
Fround								
Grounding Devices	1000/							
Not Accessible	100%							
ighting Interior Lighting								
Interior Lighting Fluorescent	20%			2033	* *	10	\$2.200	
Fluorescent		provation L	Extent : Moderate, A			10	\$3,300	
			out The Building	neu Ayje	<i>cica</i> . 100/0			
		tion : T-5 L	-					
Fluorescent			мпрэ	2022	* *	10	\$12,000	
Fluorescent	80%		rtont . Madanata	2033 Area Aff		10	\$13,000	
		servation, E 1 : Through	Extent : Moderate, A out	ıreu Ajfe	cieu . 100%			
	Explana	tion : T-8 L	umps					

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

			A55el # . 13	030				
Electrical		Current Repair Future Replacement Maintenance					aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Lighting								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	\$2,100	
Exit, LED	50%			2053	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	\$100	
Alarm								
Security System								
No Component	60%						** * • • • •	
Generic	40%			2035	* *	1	\$2,700	
Fire/Smoke Detection	1000				* *			
Generic, Digital	100%			2030	Υ Ύ			
Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System	0/ 0		-					D
Component	% of Total	(Years)	Estimated Cost	Year FY	Estimated Cost	(Yrs)	Estimated Cost	Priorit
Туре	Total	(16415)		I I		(115)		
Heating								
Energy Source								
Campus Steam	100%			2035	* *	1		
			Extent : Light, Area	Affected	: 100%			
		ı : Through						
	Explana	tion : Stean	n Is Supplied By Co	olumbia l	University			
Distribution	100-						* * * * *	
Steam Piping/Pump	100%			2045	* *	4	\$1,300	
Terminal Devices							* ••••••	
Air Handler	90%			2030	* *	1	\$9,900	
Convector/Radiator	10%			2038	* *	1	\$600	
Air Conditioning								
Distribution	1000/			20.45	* *	А	¢1 300	
Chilled Wtr Pipe/Pump	100%			2045	* *	4	\$1,300	
Terminal Devices	1000/			2020	* *	1	¢11.000	
Air Handler/Cool/Ht	100%			2030		1	\$11,000	
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,900	
	100%			LIFE		2-3	\$9,900	
Exhaust Fans Interior	100%			2030	* *	2	\$500	
	100%			2030		L	\$300	
Plumbing H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Sanitary Piping	100%			2043		1		
Cast Iron	100%			LIFE	* *	1		
	100%			LIFE		1		
Fixtures Generic	100%							
Vertical Transport	10070							

Vertical Transport

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

NEW YORK PUBLIC LIBRARY - 035 MORNINGSIDE HEIGHTS BRANCH LIBRARY

Asset # : 13638

Mechanical	Current Repair	Future Replace	ment	Μ	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Light, Area	n Affected : 100%				
	Location : $B, G, 2$					
	Explanation : One Unit					
Fire Suppression						
Standpipe						
Generic	100%	2045	* *	1-5	\$9,000	
Sprinkler						
Generic	100%	2045	* *	1-2	\$5,000	

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

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

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: MORRISANIA BRANCH LIBRARY							
Address	: 610 EAST 169TH ST. @FRANKLIN AV	610 EAST 169TH ST. @FRANKLIN AVE.						
Borough	: BRONX	Agency's Number	: M02					
Program / Asset #	: NPL0M02.000 / 13347	Yr Built/Renovated	: 1908 / 1997					
Area Sq Ft	: 14,503	Project Type	: NEW YORK PUBLIC LIBRARY					
Date of Survey	: 14-Jan-2008	Landmark Status	: EXTERIOR LANDMARK					
Areas Surveyed	: Basement, Roof, Floors 1,2							
Block	: 2615 Lot : 23	BIN	: 2004303					

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$66,800	\$37,500
Interior Architecture	\$40,300	\$147,400
Electrical	\$554,800	
Mechanical	\$65,300	\$133,600
Total	\$727,200	\$318,500
Importance Code A	\$66,800	\$37,500
Importance Code B	\$620,100	\$281,000
Importance Code C	\$40,300	
Total	\$727,200	\$318,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$7,000	\$12,500		\$3,100
Interior Architecture	\$40,700	\$120,100	\$4,300	\$5,200
Electrical	\$1,300		\$17,500	\$200
Mechanical	\$24,700	\$5,600	\$40,900	\$1,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$77,700	\$142,100	\$66,600	\$14,300
Importance Code A	\$8,400	\$13,900	\$1,400	\$4,500
Importance Code B	\$69,300	\$128,200	\$65,200	\$9,800
Importance Code C				
Total	\$77,700	\$142,100	\$66,600	\$14,300



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

NEW YORK PUBLIC LIBRARY - 035 MORRISANIA BRANCH LIBRARY

Asset # : 13347

chitecture		Current I	Repair	Futur	e Replacement	м	aintenance	
stem Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Туре	Total	(Years)		FY		(Yrs)		
erior								
Exterior Walls						_		
Masonry: Brick	95%			LIFE	* *	5	\$37,500	
Masonry: Granite	2%			LIFE	* *	5	\$600	
Masonry: Limestone	3%	Now	\$7,000	LIFE	* *	5	\$900	
	-	1 Growth, I 1 : At Entra	Extent : Moderate, 1 nce	Area Affe	ected : 5%			
Windows								
Aluminum	100%			2035	* *	5	\$6,100	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	\$4,600	
Masonry: Limestone	5%			LIFE	* *	5	\$300	
Roof								
Roll Roofing	100%			2018	\$66,800	5	\$24,900	
erior								
Floors	100/		*13 000	2010	¢100.100		#12 000	
Carpet	40%		\$12,000	2018	\$120,100	3	\$13,000	
		ded, Extent 1 : Through	: Moderate, Area A	Affected	: 70%			
Cast in Place Concrete	15%			LIFE	* *	5	\$7,100	
Terrazzo	5%			LIFE	* *	5	\$800	
Vinyl Tile	30%	Now	\$24,000	2024	\$60,000	3	\$2,400	
Villyr The			ents, Extent : Mod		. ,	5	φ2,100	
		i : Basemen			earijjeetear 1 2070			
Wood	10%		·	2047	* *	5	\$4,100	
Interior Walls	10/0					-	÷.,100	
Plaster	100%	Now	\$40,300	LIFE	* *	5	\$13,900	
	Broken/M	issing Elen	ents, Extent : Seve		Affected : 15%	-		
		n : Basemen						
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 15%			
		ı : Basemer		, J	5			
	Water Per	etration, E	xtent : Severe, Area	a Affecte	d : 15%			
		n : Basemen		55				
Ceilings								
AcousTile,Adhered	40%			2024	\$87,500	5	\$8,700	
AcousTileSusp.Lay-In	25%			2032	* *	5	\$5,400	
1 2	35%			LIFE	* *	5	\$4,700	

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

Under 600 Volts

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

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

NEW YORK PUBLIC LIBRARY - 035 MORRISANIA BRANCH LIBRARY

Asset # : 13347

			ASSEL # . 13	5347				
Electrical		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	Priorit
nder 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100% Enclosure	Corrodad	Extent : Severe, A	2019 rag Affac	\$35,000 tod : 50%	5	\$400	
		: Boiler R		ей Ајјес	<i>ieu</i> . 5070			
			ge, Extent : Severe,	Area Af	fected : 100%			
	-	: Boiler R	-		,			
	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 100%			
		: Boiler R						
	Explanat	tion : No R	ating Available					
Raceway								
Conduit	30%			2039	* *	1		
Conduit	70%			2029	* *	1		
Panelboards	1000				de de	-	.	
Molded Case Bkrs	100%			2035	* *	5	\$400	
Wiring	1000/			2020	* *	1		
Thermoplastic	100%			2029	Υ Υ	1		
Motor Controllers	1000/			2024	\$22,700	5	¢100	
Locally Mounted	100%			2024	\$32,700	5	\$100	
Grounding Devices								
Not Accessible	100%							
lighting								
Interior Lighting								
Fluorescent	100%			2019	\$519,800	10	\$13,300	
	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Through	out					
	Explanat	ion : T12 I	amps					
Egress Lighting								
Exit, Service	50%			2017	\$1,100	1		
Exit, Battery	50%			2019	\$3,600	10	\$500	
Mechanical		Current F	Repair	Futur	e Replacement	м	aintenance	
System	% of		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Component	Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	1 Horney
Туре								_
Ieating								
Energy Source	1000/			2020	* *	1		
Interruptible Gas/Dual	100%			2039		1		
Fuel								
Conversion Equipment Steam Boiler	100%			2032	* *	1	\$14,400	
Distribution	100/0			2052		1	ψ14,400	
Hot Wtr Piping/Pump	30%			2035	* *	4	\$200	
not wa mping/multip		ervation. F	xtent : Light, Area			-7	ψ200	
			t Boiler Room	- _{JJ} corea	/ -			
			Vater Coil In Stean	ı Boiler				
Steam Piping/Pump	70%			2039	* *	4	\$500	
Swam r iping/r ump	7070			2007		F	φ500	

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

Asset # : 13347

			A3361 # . 13					
Mechanical		Current	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Heating								
Terminal Devices								
Convector/Radiator	90%			2024	\$133,600	1	\$4,200	
Fan Coil Unit/Heat	10%			2019	\$23,500	1	\$500	
Air Conditioning					. ,			
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	90%	Now	\$19,600	2019	\$65,300	2	\$600	
	Malfuncti	oning, Exte	nt : Severe, Area A	ffected :	50%			
	Location	n : Roof						
Window/Wall Unit	10%			2017	\$3,200	1		
Ventilation					·			
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	\$6,500	
No Component	20%							
Exhaust Fans								
Roof	10%			2019	\$1,200	2		
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2039	* *	1		
Galv Iron/Steel	80%			2032	* *	1		
Water Heater								
Gas Fired	100%			2018	\$3,700	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	\$12,000	4	\$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
			Extent : Light, Area	Affected	: 100%			
	Location							
	Explana	tion : 1 Un	it					

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

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: MOSHOLU BRANCH LIBRARY		
Address	: 285 EAST 205TH ST. NEAR BAINBRI	IDGE AVE.	
Borough	: BRONX	Agency's Number	: M03
Program / Asset #	: NPL0M03.000 / 13348	Yr Built/Renovated	: 1955 / 2000
Area Sq Ft	: 10,285	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 30-Jan-2008	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1		
Block	: 3341 Lot : 76	BIN	: 2018123

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$86,600
Electrical		\$330,400
Total		\$417,000
Importance Code A		\$86,600
Importance Code B		\$330,400
Total		\$417,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$6,600			
Interior Architecture	\$4,400	\$152,200		
Electrical	\$14,100	\$6,000	\$40,000	\$100
Mechanical	\$6,700	\$3,500	\$94,800	\$1,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$35,800	\$165,600	\$138,700	\$5,200
Importance Code A	\$7,200	\$500	\$2,000	\$500
Importance Code B	\$28,700	\$165,100	\$136,700	\$4,600
Importance Code C				
Total	\$35,800	\$165,600	\$138,700	\$5,200



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

NEW YORK PUBLIC LIBRARY - 035 MOSHOLU BRANCH LIBRARY

Asset # : 13348

			ASSEL # . 13					
Architecture		Current	Repair	Futur	re Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	\$5,100	
Masonry: Fieldstone	45%			LIFE	* *	5	\$3,100	
Windows								
Aluminum	100%			2027	* *	5	\$4,800	
Roof Built-Up (BUR)	-		\$1,700 ght, Area Affected : yout	2024 10%	\$86,600			
Copper/Terne	5%			2047	* *	10	\$2,500	
nterior							• • •	
Floors								
Carpet	75%			2018	\$146,000	3	\$17,300	
Terrazzo	5%			LIFE	* *	5	\$600	
Vinyl Tile	20%			2024	\$25,900	3	\$1,200	
Interior Walls								
Marble Panels	5%			LIFE	* *			
Plaster	95%			LIFE	* *	5	\$5,800	
Ceilings								
AcousTileSusp.Lay-In	90%			2032	* *	5	\$8,900	
Plaster	10%			LIFE	* *	5	\$600	
Electrical		Current	Renair	Futu	re Replacement	М	aintenance	
System								
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts								
Service Equipment Fused Disc Sw		ervation, 1 1 : Electric	Extent : Moderate, A al Room	2019 Area Affe	\$1,500 ected : 100%	5		
	Explana	tion : One	Electrical Service I	Rated At	400a.			
Switchgear / Switchboard Molded Case Bkrs	100%			2019	\$32,000	5	\$300	
Raceway								
Conduit	20%			2019	\$6,200	1		
Conduit	70%			2039	* *	1		
Conduit	10%			2045	* *	1		
Panelboards								
Panelboards								
Molded Case Bkrs	40%			2035	* *	5	\$100	
	40% 40% 20%			2035 2018 2041	* * \$5,900 * *	5 5 5	\$100 \$100 \$100	

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

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

NEW YORK PUBLIC LIBRARY - 035 MOSHOLU BRANCH LIBRARY

Asset # : 13348

Electrical	Cur	rent Repair	Futur	e Replacement	Μ	aintenance	
bystem Component Type		Date Estimated Cost ars)		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Wiring							
Braided Cloth	50% 2- Insulation Aged Location : Th	l, Extent : Moderate, Are	2044 ea Affecte	* * ed : 100%	1		
Thermoplastic	30%		2039	* *	1		
Thermoplastic	20%		2045	* *	1		
Motor Controllers Locally Mounted	100%		2032	* *	5	\$100	
round							
Grounding Devices							
Generic	Location : Ba				5	\$200	
	Explanation :	Connected With Main W	/ater Pip	е			
ighting Interior Lighting Fluorescent	Location : Th	-	2024 Area Affe	\$330,400 ccted : 100%	10	\$9,200	
	Explanation :	Lamp T-8					
HID	2%		2027	* *	10		
Egress Lighting	100/		2054	ste ste			
Exit, LED	40% 10%		2054 2019	* * ¢100	1		
Exit, Service Exit, Battery	10% 50%		2019	\$100 * *	1 10	\$300	
Exit, Battery	3070		2027		10	\$300	
lechanical	Cur	rent Repair	Futur	e Replacement	M	aintenance	
ystem Component		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
Туре	100001 (11	,					
	100%	,	2039	* *	1		
eating Energy Source Interruptible Gas/Dual Fuel Conversion Equipment Hot Water Boiler		,	2039 2032	* *	1	\$5,100	
eating Energy Source Interruptible Gas/Dual Fuel Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	100%	·				\$5,100 \$500	
eating Energy Source Interruptible Gas/Dual Fuel Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	100% 100% 100%		2032 2035	**	1	\$500	
eating Energy Source Interruptible Gas/Dual Fuel Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	100% 100% 100% 20%		2032 2035 2019	* * * * \$11,000	1 4 1	\$500 \$1,300	
eating Energy Source Interruptible Gas/Dual Fuel Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	100% 100% 100% 20% 80% 0-	2 \$1,500 ion, Extent : Moderate, A	2032 2035 2019 2032	** ** \$11,000 **	1	\$500	
eating Energy Source Interruptible Gas/Dual Fuel Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	100% 100% 100% 20% 80% 0- Other Observat Location : Ba	2 \$1,500 ion, Extent : Moderate, A	2032 2035 2019 2032 Area Affe	** ** \$11,000 **	1 4 1	\$500 \$1,300	
eating Energy Source Interruptible Gas/Dual Fuel Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	100% 100% 100% 20% 80% 0- Other Observat Location : Ba	2 \$1,500 ion, Extent : Moderate, a sement	2032 2035 2019 2032 Area Affe	** ** \$11,000 **	1 4 1	\$500 \$1,300	

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.

NEW YORK PUBLIC LIBRARY - 035 MOSHOLU BRANCH LIBRARY

Asset # : 13348

Mechanical		Current Repair Future Replacement Maintenance					aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating	20%			2019	\$6,900	1	\$1,000	
Compr/Chiller								
Ext Pkg Unit - Cooling	70%			2019	\$32,900	2	\$400	
Window/Wall Unit	10%			2017	\$2,100	1		
Terminal Devices								
Air Handler/Cool/Ht	20%			2019	\$8,700	1	\$1,300	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2019	\$12,200	2	\$1,400	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%		\$1,800	LIFE	* *	2-5	\$5,700	
		-	Extent : Moderate,	Area Aff	fected : 20%			
	Location	ı : Through	out					
Exhaust Fans								
Interior	20%			2019	\$2,300	2	\$100	
Roof	80%			2019	\$6,500	2	\$300	
Plumbing								
H/C Water Piping	100/			2020	ale ale			
Brass/Copper	40%			2039	* *	1		
Galv Iron/Steel	60%			2032	* *	1		
Water Heater	1000			2010	** * *		#2 00	
Gas Fired	100%			2018	\$2,400	2	\$200	
Sanitary Piping	1000				ate ate			
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	1000/				ale ale			
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)	1000			2010	\$11.000		¢1	
Electric	100%			2019	\$11,000	4	\$1,600	
Fixtures	1000							
Generic	100%							
/ertical Transport								
Elevators	100							
Hydraulic	100%			LIFE	* *			
			Extent : Light, Area	Affected	: 100%			
	Location							
	Explana	tion : 1 Uni	t					

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

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: MOTT HAVEN BRANCH LIBRARY		
Address	: 321 EAST 140TH ST. @ALEXANDER	AVE.	
Borough	: BRONX	Agency's Number	: M04
Program / Asset #	: NPL0M04.000 / 13349	Yr Built/Renovated	: 1905 / 2003
Area Sq Ft	: 16,020	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 17-Jan-2008	Landmark Status	: HISTORICAL LANDMARK DISTRICT
Areas Surveyed	: Basement, Roof, Floors 1,2,3		
Block	: 2315 Lot : 18	BIN	: 2000744

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$68,700	
Interior Architecture	\$115,600	\$578,100
Electrical	\$287,100	\$287,100
Mechanical	\$309,000	\$172,100
Total	\$780,400	\$1,037,300
Importance Code A	\$68,700	
Importance Code B	\$711,800	\$1,037,300
Total	\$780,400	\$1,037,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$38,300			\$1,500
Interior Architecture	\$10,400	\$68,700		
Electrical	\$200		\$7,800	
Mechanical	\$32,000	\$1,600	\$40,200	\$1,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$84,900	\$74,200	\$52,000	\$7,000
Importance Code A	\$39,100	\$800	\$1,000	\$2,300
Importance Code B	\$36,100	\$73,400	\$51,000	\$4,800
Importance Code C	\$9,700			
Total	\$84,900	\$74,200	\$52,000	\$7,000



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

Asset # : 13349

			A55el # . 13	545				
rchitecture		Current Repair Future Replacement			Μ			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
aterior								
Exterior Walls								
Masonry: Brick	76%			LIFE	* *	5	\$29,700	
Masonry: Granite	2%		¢25 (00)	LIFE	* *	5	\$600	
Masonry: Limestone		r Miss/Eroe	\$25,600 d, Extent : Moderat try, Window Sills, S			5	\$2,900	
Metal Panel	2%			2045	* *	5-10	\$5,400	
Stucco Cement	10%			2036	* *	5	\$9,800	
Windows								
Wood	-		\$10,300 nt : Light, Area Aff out	2035 ected : 59	* *	5	\$25,300	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	\$2,000	
Masonry: Limestone	5%	Now	\$1,000	LIFE	* *	5	\$100	
	Jnt Morta	r Miss/Eroo	d, Extent : Light, A	rea Affec	ted : 5%			
	Location	n : Old Buil	ding Side					
Stucco Cement	5%			2032	* *	5	\$300	
Roof								
Modified Bitumen	10%			2027	* *	10	\$1,200	
Modified Bitumen	Location Water Per	ng, Extent : n : Old Buil	xtent : Light, Area					
terior								
Floors								
Carpet	20%			2018	\$66,300	3	\$7,200	
Cast in Place Concrete	5%			LIFE	* *	5	\$2,600	
Sheet Vinyl/Rubber	-		\$115,600 ctent : Moderate, A out	2024 rea Affec	\$578,100 eted : 40%	5	\$13,500	
Interior Walls								
Concrete Masonry Unit				LIFE	* *	5	\$800	
Gypsum Board	15%			LIFE	* *	5	\$3,700	
Masonry: Brick			\$8,800 d, Extent : Light, A nt	LIFE rea Affec	* * ted : 20%			
Plaster	5%	Now	\$900	LIFE	* *	5	\$600	
	Location Water Per	n : Basemer netration, E	Extent : Moderate at Stair And Throug extent : Moderate, A	ghout Area Affe	-			
DL			t Stair And Throug		-۱۰ ماد	~		
Plaster	60%			LIFE	* *	5	\$7,500	
Wood	5%			LIFE	* *	5	\$8,300	

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 # : 13349

			Asset # : 13					
Architecture		Current Repair Future Replacement			М	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings								
AcousTileConcealSpLn	5%			2032	* *	5	\$1,500	
Exposed Concrete	5%			LIFE	* *	5	\$200	
Glass: Susp Panels	5%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	\$4,500	
Plaster		Discoloring 1 : Through	, Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$10,500	
Electrical		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts								
Service Equipment Molded Case Bkrs	100% Other Obs		Extent : Moderate, A	2029	* *	5	\$400	
	Locatior	ı : Electrico						
Switchgear / Switchboard	1		1					
Molded Case Bkrs	100%			2029	* *	5	\$400	
Raceway								
Conduit	90%			2029	* *	1		
Conduit	10%			2039	* *	1		
Panelboards								
Molded Case Bkrs	20%			2035	* *	5	\$100	
Molded Case Bkrs	80%			2027	* *	5	\$300	
Wiring								
Thermoplastic	80%			2039	* *	1		
Thermoplastic	20%			2029	* *	1		
Motor Controllers	1000/				****	_	\$100	
Locally Mounted	100%			2024	\$32,700	5	\$100	
round								
Grounding Devices	1000/			LIPP	* *	F	\$300	
Generic	100%			LIFE	* *	5	\$200	
ighting Interior Lighting								
Interior Lighting	50%			2019	\$287,100	10	\$7,300	
Fluorescent	Other Obs Location	servation, E 1 : Through				10	\$7,300	
			g T12 Lamps					
Fluorescent			Extent : Moderate, A	2024 Area Affe	\$287,100 ected : 100%	10	\$7,300	
		-	g T12 Lamps					

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

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

Asset # : 13349

			Asset # : 13	549				
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority
ighting								
Egress Lighting								
Emergency, Service	40%			2024	\$3,400	1		
Exit, LED	20%			2047	* *	1		
Exit, Service	40%			2024	\$1,000	1		
Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)		5
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2039	* *	1		
		ervation, E 1 : Boiler R	Extent : Severe, Are oom	a Affecte	ed : 100%			
			r Has Dual Fuel C	apacity, .	But Is Not Used			
Conversion Equipment								
Hot Water Boiler	100%			2032	* *	1	\$7,900	
Distribution								
Hot Wtr Piping/Pump	100%			2035	* *	4	\$800	
Terminal Devices	100/			2024	¢27.400	1	¢ 4 000	
Air Handler	40%			2024	\$37,400	1	\$4,000	
Convector/Radiator	60%			2024	\$98,400	1	\$3,100	
Air Conditioning								
Energy Source Electricity	100%			2035	* *	1		
	100%			2055		1		
Conversion Equipment Int Pkg Unit - Cooling	30%			2020	\$67,100	2	\$300	
Int Pkg Unit - Cooling	30% 70%	Now	\$24,200	2020	\$242,000	2 2	\$500 \$500	
Heating/Cooling	7070	INUW	\$24,200	2020	\$242,000	2	\$300	
Treating/Cooling	Broken E	xtent · Seve	ere, Area Affected :	30%				
			ssor In One Of The		nits Is Burnt Out			
Heat Rejection								
Air Condenser Unit	100%			2019	\$34,700	2	\$11,200	
/entilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,900	
lumbing								
H/C Water Piping								
Brass/Copper	30%			2039	* *	1		
Galv Iron/Steel	70%			2024	\$36,300	1		
Water Heater								
Gas Fired	100%			2017	\$4,000	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *			

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 # : 13349

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Plumbing				
Fixtures				
Generic	100%			
Vertical Transport				
Elevators				
Hydraulic	100%	LIFE **		

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

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name Address	: MUHLENBERG BRANCH LIBRARY : 209 WEST 23RD ST. @SEVENTH AVI		
Borough	: MANHATTAN	Agency's Number	: M05
Program / Asset #	: NPL0M05.000 / 13350	Yr Built/Renovated	: 1906 / 2011
Area Sq Ft	: 13,729	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 10-Jul-2013	Landmark Status	: EXTERIOR LANDMARK
Areas Surveyed	: Basement, Roof, Floors 1,3		
Block	: 773 Lot : 38	BIN	: 1014150

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		\$102,400
Total		\$102,400
Importance Code B		\$102,400
Total		\$102,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$96,300		\$200	
Interior Architecture	\$45,500			\$7,400
Electrical	\$400	\$400	\$12,900	\$500
Mechanical	\$2,900	\$1,900	\$4,000	\$2,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$149,100	\$6,200	\$21,000	\$14,100
Importance Code A	\$97,000	\$700	\$900	\$700
Importance Code B	\$35,600	\$5,600	\$20,100	\$13,500
Importance Code C	\$16,500			
Total	\$149,100	\$6,200	\$21,000	\$14,100



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
Asset # : 13350

rchitecture	Current Repair			Futur	e Replacement	М	aintenance	
/stem Component Type		il Date (ears)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Copper/Terne	5%	г · I		2074	**	10	\$1,200	
	Location : T		nt, Extent : Light, . out		ected : 100%			
Masonry: Brick	55%			LIFE	* *	5	\$5,800	
Masonry: Brick		low	\$10,300	LIFE	* *	5	\$1,100	
	Location : C	Chimney		-	-			
	Diagonal Cra Location : C		ent : Severe, Area	Affected	: 20%			
	Worn/Eroded Location : C		: Moderate, Area	Affected	: 25%			
Masonry: Granite	5%			LIFE	* *	5	\$400	
Masonry: Limestone	25%	2-4	\$34,500	LIFE	* *	5	\$2,000	
	Cracking/Cru Location : T	-	Extent : Light, Are out	ea Affecto	ed : 10%			
Windows								
Steel		-	\$27,200 ents, Extent : Seve out	2040 re, Area	* * Affected : 50%	5	\$15,000	2
Wood	25%			2032	* *	5	\$10,000	
Wood		low	\$18,200	2049	* *	5	\$3,000	1
	Broken/Missing Elements, Extent : Severe, Area Affected : 50% Location : Vacant Custodians Apartment							
	Dry Rot/Deca	y, Exter	nt : Severe, Area A <u>j</u>	fected : .	50%			
	Location : V	'acant C	Sustodians Apartme	ent				
	-		ked, Extent : Sever		Affected : 25%			
	Location : V	'acant C	Sustodians Apartme	ent				
Parapets	<00/			TIPP	ale ale	~	.	
Masonry: Brick	60%	h	¢1 100	LIFE	* *	5	\$400	
Masonry: Limestone		2-4 ing/Eno.d	\$1,100 l, Extent : Light, At	LIFE		5	\$200	
	Location : T			чей Ајјес	<i>lea : 10%</i>			
Metal: Cage/Fence	5%			2029	* *	5-10	\$300	
Stucco Cement	5%			2029	* *	5	\$100	
Roof								
Modified Bitumen	100% Recent Repla	o Fuida	ent, Extent : Light, .	2034 Area Aff	* *	10	\$8,400	
	Location : T			area Aff	eciea : 100%			

Interior

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

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

Asset # : 13350

Architecture		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
nterior								
Floors						_		
Carpet	70%			2026	\$198,900	3	\$28,800	
		tallation, I 1 : Through	Extent : Light, Area out	Affected	2 : 100%			
Cast in Place Concrete	7%			LIFE	* *	5	\$3,100	
Ceramic Tile	3%	2-4	\$600	2033	* *	5	\$300	
	0	Crumbling : Through	Extent : Light, Ard out	ea Affecte	ed : 10%			
Marble Panels	10%	2-4	\$8,100	LIFE	* *	5	\$1,500	
	-	Crumbling : Through	Extent : Light, Are out	ea Affecte	ed : 10%			
Vinyl Tile	10%	2-4	\$1,900	2024	\$18,900	3	\$800	
5	Cracking/	Crumbling	Extent : Light, Are	ea Affecte				
	Location	a : Through	out					
Interior Walls								
Glass: Single Pane	5%			LIFE	* *	5	\$1,300	
Gypsum Board	15%	2-4	\$1,200	LIFE	* *	5	\$3,200	
	-	Crumbling : Through	Extent : Light, Ard out	ea Affecte	ed : 10%			
Plaster	50%			LIFE	* *	5	\$5,300	
Plaster	25%	Now	\$15,300	LIFE	* *	5	\$2,600	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
			nt, Vacant Custodia	-				
		-	t : Moderate, Area					
	Location	ı : Basemer	nt, Vacant Custodia	ns Apart	ment			
Wood	5%			LIFE	* *	5	\$7,000	
Ceilings								
AcousTileSusp.Lay-In	5%	2-4	\$900	2029	* *	5	\$500	
			Extent : Light, Are	ea Affecte	ed : 10%			
	-	a : Through	out					
AcousTileSusp.Lay-In	15%			2037	* *	5	\$3,100	
Plaster	70%			LIFE	* *	5	\$9,000	
Plaster	10%	Now	\$8,800	LIFE	* *	5	\$1,300	
	Location	: Vacant C	, Extent : Moderate Custodians Apartme	ent	-			
		-	t : Severe, Area Aff Custodians Apartm		0%			

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

Under 600 Volts

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

Asset # : 13350

Electrical	Current Repair F			e Replacement	М		
System					aintenance	Driouit	
Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	(Yrs)	Estimated Cost	Priorit
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2044	* *	5	\$100	
	Other Observation,	Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Electri	cal Room					
	Explanation : Mat	in Service Protector	Rated At	800 Amps			
Switchgear / Switchboard							
Fused Disc Sw	100%		2044	* *	5	\$100	
Raceway							
Conduit	100%		2044	* *	1		
Panelboards							
Fused Disc Sw	2%		2040	* *	5		
Molded Case Bkrs	98%		2040	* *	5	\$400	
Wiring							
Thermoplastic	100%		2044	* *	1		
Motor Controllers	1000				_	* 4 • • •	
Locally Mounted	100%		2037	* *	5	\$100	
Bround							
Grounding Devices	1000/		LIFE	* *	~	\$200	
Generic	100%	Friday Madamada	LIFE		5	\$200	
	Other Observation, Location : Baseme		Area Affe	ctea : 100%			
		nn nected To Main Wa	tan Dina				
Lighting	Explanation . Con	mecieu 10 main wai	ier I ipe				
Interior Lighting							
Fluorescent	99%		2029	* *	10	\$12,500	
Tuorescent	Other Observation,	Extent : Moderate. A		cted : 100%	10	ψ12,500	
	Location : Throug		JJ -				
	Explanation : T-8	-					
Incandescent	1%	1	2024	\$4,900	2		
Egress Lighting	170		202 r	ψ1,200	-		
Exit, Service	50%		2024	\$1,100	1		
Exit, Battery	50%		2024	\$3,400	10	\$500	
Exterior Lighting				40,100		40.00	
HID	100%		2024	\$56,200	10		
Alarm				. ,			
Security System							
No Component	80%						
Generic	20%		2024	\$9,000	1	\$1,000	
Fire/Smoke Detection							
No Component	70%						
Generic	30%		2024	\$46,200	1-3	\$2,500	
Mechanical	Current	Repair	Futur	e Replacement	М	aintenance	
System	% of Fail Dat	e Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component	Total (Years)		FY		(Yrs)		
Туре							<u> </u>

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

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

Asset # : 13350

Mechanical	Current Repair Future Replacement				M	aintenance	
System Component Type	% of Fail Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2044	* *	1		
Conversion Equipment	1000/		2027	* *	1	¢C 800	
Hot Water Boiler	100% Other Observati	on, Extent : Light, Area	2037 Affected		1	\$6,800	
		ement Boiler Room	igjeeieu	. 100/0			
	Explanation :						
Distribution							
Hot Wtr Piping/Pump	100%		2040	* *	4	\$700	
Terminal Devices							
Air Handler	60%		2029	* *	1	\$5,100	
Convector/Radiator	40%		2029	* *	1	\$1,800	
Air Conditioning							
Energy Source Electricity	100%		2032	* *	1		
Conversion Equipment	10070		2032		1		
Reciprocating	60%		2029	* *	1	\$3,800	
Compr/Chiller						1 - 9	
-	R-22 Refrigeran	t, Extent : Light, Area A	ffected :	60%			
	Location : Bas	ement					
Ext Pkg Unit - Cooling	30%		2024	\$20,600	2	\$300	
		t, Extent : Light, Area A	ffected :	30%			
	Location : Roo	f					
No Component	10%						
Terminal Devices							
Direct Expansion	60%		2029	* *	1		
No Component	40%						
Heat Rejection Air Condenser Unit	60%		2029	* *	2	\$5,700	
No Component	40%		2029		Z	\$5,700	
/entilation	4070						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,700	
Exhaust Fans							
Interior	50%		2029	* *	2	\$200	
Roof	50%		2024	\$5,900	2	\$200	
Plumbing							
H/C Water Piping	1000/		20.44	* *	1		
Brass/Copper	100%		2044	* *	1		
Water Heater Gas Fired	100%		2022	\$3,500	2	\$200	
Sanitary Piping	100%		2022	\$3,300	2	\$200	
Cast Iron	100%		LIFE	* *	1		
Cust non	100/0				1		
Storm Drain Piping							

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

Asset # : 13350

Mechanical	echanical Current Repair			Μ	aintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Plumbing							
Backflow Preventer							
No Component	90%						
Generic	10%	2029	* *	1	\$100		
	Other Observation, Extent : Light, A	Area Affected : 10%	%				
	Location : Basement						
	Explanation : Boiler Only						
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%	LIFE	* *				
-	Other Observation, Extent : Light, Area Affected : 100%						
	Location : B-3						
	Explanation : One Unit						

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: NEW DORP BRANCH LIBRARY		
Address	: 309 NEW DORP LANE @ CLAWSON	I ST.	
Borough	: STATEN ISLAND	Agency's Number	: N01
Program / Asset #	: NPL0N01.000 / 13351	Yr Built/Renovated	: 1971 / 2000
Area Sq Ft	: 12,000	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 31-Oct-2007	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1		
Block	: 3643 Lot : 5	BIN	: 5052750

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$194,300
Interior Architecture		\$96,300
Electrical	\$39,300	\$354,100
Mechanical		\$78,400
Total	\$39,300	\$723,100
Importance Code A		\$194,300
Importance Code B	\$39,300	\$528,800
Total	\$39,300	\$723,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				\$600
Interior Architecture	\$11,600	\$1,400		
Electrical			\$100	\$100
Mechanical	\$3,400	\$900	\$1,500	\$900
Total	\$15,000	\$2,300	\$1,600	\$1,600
Importance Code A	\$600	\$600	\$600	\$1,200
Importance Code B	\$14,400	\$1,700	\$1,000	\$400
Importance Code C				
Total	\$15,000	\$2,300	\$1,600	\$1,600



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

NEW YORK PUBLIC LIBRARY - 035 NEW DORP BRANCH LIBRARY

Asset # : 13351

			Asset # : 13	5351				
rchitecture	Current Repair			Future Replacement Main			intenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
sterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$13,700	
Slate Panels	15%			LIFE	* *	5	\$1,800	
Windows								
Aluminum	100%			2035	* *	5	\$1,100	
Parapets								
Masonry: Brick	25%			LIFE	* *	5	\$500	
No Component	75%							
Roof								
Modified Bitumen	100%			2024	\$194,300	10	\$33,700	
terior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	\$1,200	
Granite Panels	7%			LIFE	* *	5	\$900	
Vinyl Tile	65%			2024	\$96,300	3	\$4,300	
Wood	25%			2047	* *	5	\$8,200	
Interior Walls								
Concrete Masonry Unit	60%			LIFE	* *	5	\$2,500	
Glass Block	10%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	\$900	
Plaster	15%			LIFE	* *	5	\$500	
Ceilings								
AcousTileSusp.Lay-In	85%			2032	* *	5	\$14,900	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	\$1,100	
Plaster	5%			LIFE	* *	5	\$500	
lectrical		Current F	Repair	Futur	re Replacement	М	aintenance	
ystem	0/ af		Estimated Cost		Estimated Cost			Duiaui
Component Type	% of Total	(Years)	Estimated Cost	Year FY	Estimated Cost	(Yrs)	Estimated Cost	Priori
nder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2039	* *	5	\$100	
			Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Electrica						
	Explana	tion : One L	1200 Amps Main D	isconnec	et Switch			
Switchgear / Switchboard								
E 15: 0				2039	* *	5	\$100	
Fused Disc Sw	100%							
Raceway								
Raceway Conduit	90%			2039	* *	1		
Raceway					* * * *	1 1		
Raceway Conduit Conduit Panelboards	90% 10%			2039 2045	* *	1		
Raceway Conduit Conduit	90%			2039		1 1 5 5	\$300	

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

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

NEW YORK PUBLIC LIBRARY - 035 NEW DORP BRANCH LIBRARY

Asset # : 13351

	/10					
Electrical	Current Repai	r Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring						
Thermoplastic	10%	2045	* *	1		
Thermoplastic	90%	2039	* *	1		
Motor Controllers						
Locally Mounted	70%	2024	\$21,000	5	\$100	
Locally Mounted	30%	2032	* *	5		
Ground						
Grounding Devices						
Not Accessible	100%					
Lighting						
Interior Lighting						
Fluorescent	90%	2024	\$354,100	10	\$9,900	
	Other Observation, Extent	: Moderate, Area Affe	ected : 100%			
	Location : Throughout					
	Explanation : Using T8 I	Lamps				
Incandescent	10%	2019	\$39,300	2		
Egress Lighting						
Emergency, Service	30%	2024	\$1,800	1		
Exit, Service	70%	2024	\$1,200	1		

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Electricity	5%		2039	* *	1		
Natural Gas	95%		2039	* *	1		
Conversion Equipment							
Furnace	95%		2024	\$13,800	1	\$5,600	
Radiant Heater	5%		2024	\$2,600	2	\$300	
Terminal Devices							
Convector/Radiator	5%		2032	* *	1	\$200	
No Component	95%						
Air Conditioning							
Energy Source							
Electricity	100%		2035	* *	1		
Conversion Equipment							
Ext Pkg Unit -	100%		2024	\$78,400	2	\$700	
Heating/Cooling							
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,700	
Exhaust Fans							
Roof	100%		2024	\$9,500	2	\$400	

Plumbing

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

NEW YORK PUBLIC LIBRARY - 035 NEW DORP BRANCH LIBRARY

Asset # : 13351

lechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	,	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater								
Gas Fired	100%			2017	\$2,800	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: PARKCHESTER BRANCH LIBRAR	Y	
Address	: 1985 WESTCHESTER AVE. @PUGS	LEY AVE.	
Borough	: BRONX	Agency's Number	: P01
Program / Asset #	: NPL0P01.000 / 13356	Yr Built/Renovated	: 1985 / 2004
Area Sq Ft	: 14,744	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 01-Feb-2008	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1,2		
Block	: 3930 Lot : 59	BIN	: 2028890

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$92,300
Interior Architecture		\$86,100
Mechanical	\$188,200	\$39,400
Total	\$188,200	\$217,800
Importance Code A		\$92,300
Importance Code B	\$188,200	\$125,500
Total	\$188,200	\$217,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$5,100			\$1,200
Interior Architecture	\$6,600	\$1,300		
Electrical	\$13,000		\$100	\$200
Mechanical	\$5,200	\$1,700	\$2,600	\$1,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$33,900	\$6,900	\$6,600	\$7,000
Importance Code A	\$5,900	\$700	\$800	\$1,900
Importance Code B	\$28,000	\$6,200	\$5,900	\$5,100
Importance Code 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.

NEW YORK PUBLIC LIBRARY - 035 PARKCHESTER BRANCH LIBRARY

Asset # : 13356

Architecture		Current I	Repair	Futur	re Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Concrete Masonry Unit	35%			LIFE	* *	5	\$2,500	
Masonry: Brick	65%			LIFE	* *	5	\$7,400	
Windows								
Aluminum	100%			2035	* *	5	\$2,400	
Parapets								
Concrete Masonry Unit	25%			LIFE	* *	5	\$1,000	
Masonry: Brick	48%			LIFE	* *	5	\$1,700	
Metal Rail	2%			2032	* *	5-10	\$1,300	
No Component	25%							
Roof								
Built-Up (BUR)	100%	Now	\$4,600	2024	\$92,300			
	Water Per	etration, E	xtent : Moderate, A	Area Affe	cted : 10%			
	Locatior	ı : Through	out					
terior								
Floors								
Vinyl Tile	100%			2024	\$86,100	3	\$3,800	
Interior Walls								
Concrete Masonry Unit	60%			LIFE	* *	5	\$4,000	
Gypsum Board	40%			LIFE	* *	5	\$4,000	
Ceilings								
AcousTileSusp.Lay-In	90%			2032	* *	5	\$9,800	
AcousTileSusp.Lay-In	10%	Now	\$1,700	2032	* *	5	\$500	
	0	0	Extent : Moderate	e, Area A	ffected : 20%			
	Locatior	ı : Through	out					
	Water Per	netration F	xtent · Moderate A	Area Affe	cted · 10%			

Water Penetration, Extent : Moderate, Area Affected : 10%

Location : Throughout

lectrical	Current Repair	Future Repla	cement	M	aintenance	
ystem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2039	* *	5	\$100	
	Other Observation, Extent : M	Ioderate, Area Affected : 1	00%			
	Location : Electrical Room					
	Explanation : 1200 Amps M	ain Disconnect Switch				
Switchgear / Switchboard						
Fused Disc Sw	100%	2039	* *	5	\$100	
Raceway						
Conduit	100%	2039	* *	1		
Panelboards						
Molded Case Bkrs	100%	2035	* *	5	\$400	
Wiring						
Thermoplastic	100%	2039	* *	1		

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

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

NEW YORK PUBLIC LIBRARY - 035 PARKCHESTER BRANCH LIBRARY

Asset # : 13356

Electrical	Current Repair	r Futur	e Replacement	Μ	aintenance			
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%	2032	* *	5	\$100			
Motor Control Center	50%	2032	* *	5	\$200			
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$200			
Lighting								
Interior Lighting								
Fluorescent	95%	2027	* *	10	\$12,800			
	Other Observation, Extent	: Moderate, Area Affe	cted : 100%					
	Location : Throughout							
	Explanation : Using T-5	And T-8 Lamps						
HID	5%	2024	\$9,500	10				
Egress Lighting								
Emergency, Service	50%	2024	\$3,600	1				
Exit, Service	50%	2024	\$1,000	1				

Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2039	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2036	* *	1	\$7,300	
Distribution							
Hot Wtr Piping/Pump	100%		2041	* *	4	\$1,100	
Terminal Devices							
Air Handler	50%		2024	\$39,400	1	\$4,600	
Convector/Radiator	50%		2036	* *	1	\$2,400	
Air Conditioning							
Energy Source							
Electricity	100%		2035	* *	1		
Conversion Equipment							
Int Pkg Unit - Cooling	100%		2020	\$188,200	2	\$900	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$8,200	
Exhaust Fans							
Interior	60%		2024	\$9,700	2	\$300	
Roof	40%		2024	\$4,600	2	\$200	
Plumbing							
H/C Water Piping							
Brass/Copper	70%		2045	* *	1		
Galv Iron/Steel	30%		2036	* *	1		

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

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

NEW YORK PUBLIC LIBRARY - 035 PARKCHESTER BRANCH LIBRARY

Asset # : 13356

Mechanical	C	urrent Repair	F	uture	e Replacement	Ma	aintenance	
System Component Type		ill Date Estima Years)		ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%		20)17	\$3,400	2	\$200	
Sanitary Piping								
Cast Iron	100%		LI	FE	* *	1		
Storm Drain Piping								
Cast Iron	100%		LI	FE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%		LI	FE	* *			
	Other Observ	vation, Extent : L	ight, Area Affe	cted	: 100%			
	Location :	1-2						
	Explanation	n : 1 Unit						

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: RICHMONDTOWN BRANCH LIBRA	ARY	
Address	: 200 CLARKE AVE. @ AMBER ST.		
Borough	: STATEN ISLAND	Agency's Number	: R03
Program / Asset #	: NPL0R03.000 / 13387	Yr Built/Renovated	: 1972 / 1996
Area Sq Ft	: 14,447	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 27-Sep-2007	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1,2		
Block	: 4470 Lot : 1	BIN	: 5060744

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$286,700	
Interior Architecture		\$160,200
Electrical	\$440,500	
Mechanical	\$113,700	
Total	\$840,800	\$160,200
Importance Code A	\$286,700	
Importance Code B	\$554,200	\$160,200
Total	\$840,800	\$160,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$3,400		\$16,300	\$1,600
Interior Architecture	\$28,700	\$135,900		
Electrical		\$7,500	\$85,300	\$100
Mechanical	\$4,400	\$1,400	\$2,200	\$1,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$40,500	\$148,700	\$107,800	\$7,000
Importance Code A	\$4,100	\$600	\$18,500	\$2,200
Importance Code B	\$36,400	\$148,100	\$89,300	\$4,800
Importance Code C				
Total	\$40,500	\$148,700	\$107,800	\$7,000



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

Asset # : 13387

60% Morta ocation 60% 15% rrosion ocation rrosion feriora ocation 25% reriora ocation 25% reriora ocation 25% reriora ocation rrally ocation 25% recation the fee ocation	(Years) Now Cracks, E i : Above r Miss/Era i : Throug Now /Rusting, i : Commu ted Finish i : Commu nefficier i : Commu Now ted Finish i : South I Decay, Exte i : South I ling, Exter i : South I	e Estin Extent : M Window od, Exten hout Extent : unity Roo t, Extent unity Roo t, Extent facade ent : Seve Facade tt : Seve Facade tt : Ligh	\$39,200 Aoderate, A At Northw nt : Light, A \$41,600 Moderate, om : Moderate om t : Moderat om \$37,300	Year FY LIFE Trea Affect est Corner Area Affect 2035 2044 Area Affect e, Area Aff 2044 e, Area Aff 2044 e, Area Aff Affected : D	eed : 10% cted : 25% ected : 50% fected : 50%	** ** ** ** **	Cycle (Yrs) 5 5 5 5 5	Estimated Cost \$26,200 \$3,200 \$5,000 \$6,700	Priori
agonal pocation Morta pocation 60% 15% rrosion pocation reaction reaction reaction 25% reaction 25% reaction pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation	Cracks, E a : Above r Miss/Era n : Throug Now /Rusting, a : Commu ted Finish a : Commu Pinefficier a : Commu Pinefficier a : Commu Now ted Finish a : South H Decay, Exten a : South H ling, Exten a : South H South H	Window od, Exten hout Extent : unity Roo , Extent unity Roo t, Extent facade ent : Seve Facade tt : Seve Facade tt : Seve	Anderate, A At Northw nt : Light, A \$41,600 Moderate, om : Moderate om t : Moderate om \$37,300 : Moderate vere, Area A re, Area A	rea Affect est Corner Area Affect 2035 2044 Area Affec e, Area Aff 2044 e, Area Aff 2044 e, Area Aff Affected : 1 fected : 50	eed : 10% cted : 25% ected : 50% fected : 50%	**	555	\$3,200 \$5,000	
agonal pocation Morta pocation 60% 15% rrosion pocation reaction reaction reaction 25% reaction 25% reaction pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation	Cracks, E a : Above r Miss/Era n : Throug Now /Rusting, a : Commu ted Finish a : Commu Pinefficier a : Commu Pinefficier a : Commu Now ted Finish a : South H Decay, Exten a : South H ling, Exten a : South H South H	Window od, Exten hout Extent : unity Roo , Extent unity Roo t, Extent facade ent : Seve Facade tt : Seve Facade tt : Seve	Anderate, A At Northw nt : Light, A \$41,600 Moderate, om : Moderate om t : Moderate om \$37,300 : Moderate vere, Area A re, Area A	rea Affect est Corner Area Affect 2035 2044 Area Affec e, Area Aff 2044 e, Area Aff 2044 e, Area Aff Affected : 1 fected : 50	eed : 10% cted : 25% ected : 50% fected : 50%	**	555	\$3,200 \$5,000	
agonal pocation Morta pocation 60% 15% rrosion pocation reaction reaction reaction 25% reaction 25% reaction pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation pocation	Cracks, E a : Above r Miss/Era n : Throug Now /Rusting, a : Commu ted Finish a : Commu Pinefficier a : Commu Pinefficier a : Commu Now ted Finish a : South H Decay, Exten a : South H ling, Exten a : South H South H	Window od, Exten hout Extent : unity Roo , Extent unity Roo t, Extent facade ent : Seve Facade tt : Seve Facade tt : Seve	Anderate, A At Northw nt : Light, A \$41,600 Moderate, om : Moderate om t : Moderate om \$37,300 : Moderate vere, Area A re, Area A	rea Affect est Corner Area Affect 2035 2044 Area Affec e, Area Aff 2044 e, Area Aff 2044 e, Area Aff Affected : 1 fected : 50	eed : 10% cted : 25% ected : 50% fected : 50%	**	555	\$3,200 \$5,000	
15% crosion pocation ceriora pocation crmally pocation 25% ceriora pocation keriora pocation the Pee pocation the Crace	VRusting, 1 : Commu ted Finish 2 : Commu 2 : Commu 3 : Commu 4 : Commu 5 : Commu 5 : Commu 1 : Commu 1 : South H 1 : South H	inity Rod , Extent inity Rod it, Exten inity Rod , Extent Facade ent : Seve Facade it : Seve Facade it : Ligh	Moderate, om : Moderate om t : Modera om \$37,300 : Moderate vere, Area A re, Area A	2044 Area Affec e, Area Aff te, Area Aff 2044 e, Area Aff Affected : 1 fected : 50	ected : 50% fected : 50 ected : 50%	**	5	\$5,000	
15% crosion pocation ceriora pocation crmally pocation 25% ceriora pocation keriora pocation the Pee pocation the Crace	VRusting, 1 : Commu ted Finish 2 : Commu 2 : Commu 3 : Commu 4 : Commu 5 : Commu 5 : Commu 1 : Commu 1 : South H 1 : South H	inity Rod , Extent inity Rod it, Exten inity Rod , Extent Facade ent : Seve Facade it : Seve Facade it : Ligh	Moderate, om : Moderate om t : Modera om \$37,300 : Moderate vere, Area A re, Area A	2044 Area Affec e, Area Aff te, Area Aff 2044 e, Area Aff Affected : 1 fected : 50	ected : 50% fected : 50 ected : 50%	**	5	\$5,000	
rrosion periora periora periora peration rmally periora perior	VRusting, 1 : Commu ted Finish 2 : Commu 2 : Commu 3 : Commu 4 : Commu 5 : Commu 5 : Commu 1 : Commu 1 : South H 1 : South H	inity Rod , Extent inity Rod it, Exten inity Rod , Extent Facade ent : Seve Facade it : Seve Facade it : Ligh	Moderate, om : Moderate om t : Modera om \$37,300 : Moderate vere, Area A re, Area A	Area Affec e, Area Aff te, Area Af 2044 e, Area Aff Affected : 1 fected : 50	ected : 50% fected : 50 ected : 50%	6 % **			
25% 25% eriora ocation Rot/L ocation nt Pee ocation it/Crac	1 : Commu Now ted Finish 1 : South I Decay, Exte 1 : South I ling, Exter 1 : South I sked, Exter	nity Roo , Extent Facade ent : Sev Facade nt : Seve Facade nt : Ligh	om \$37,300 : Moderate vere, Area A re, Area Aj	2044 2, Area Aff Affected : 1 fected : 50	ected : 50%	* *	5	\$6,700	
teriora ocation Rot/L ocation nt Pee ocation it/Crac	ted Finish 1 : South I Decay, Ext 1 : South I ling, Exter 1 : South I cked, Exter	Facade ent : Sev Facade nt : Seve Facade nt : Ligh	: Moderate vere, Area A re, Area Aj	e, Area Aff Affected : 1 ffected : 50	0%		5	\$6,700	
ocation nt Pee ocation it/Crac	n : South H ling, Exter 1 : South H ked, Exter	Facade 1t : Seve Facade 1t : Ligh	re, Area Aj	fected : 50					
ocation it/Crac	1 : South H ked, Exter	Facade 1t : Ligh			9%				
		acaae			6				
15%				LIFE		* *	5	\$100	
5% Morta ocatior	r Miss/Ero 1 : Coping	At Nort	h And Sout	LIFE ate, Area A h Sections	ffected : 25 Of Parape	t	5		
-			ent : Moaer th And Sout		Affected : 2	5%0			
80%	Coping			i uruper	,				
00%									
rosion ocation	/Rusting, 1 : Throug	hout - H	ligh Wing			* * 25%	1		
ter Per	netration,	Extent :		Area Affe	cted : 5%				
48%				2019	\$9	4,200	10	\$16,300	
s/Dam	aged Flas	-		2032 derate, Arc	ea Affected	* * : 10%	1		
	rosion cation DS N cation er Pen cation 48% 2% s/Dam	rosion/Rusting, pcation : Throug (DS Non Func/M (cation : High W er Penetration, (cation : Over Se (48%) 2% Now (s/Damaged Flas	rosion/Rusting, Extent : Pocation : Throughout - H (DS Non Func/Miss, Ext Pocation : High Wing er Penetration, Extent : Pocation : Over Second F (48%) 2% Now S/Damaged Flashings, E	rosion/Rusting, Extent : Light, Area cation : Throughout - High Wing /DS Non Func/Miss, Extent : Mode cation : High Wing er Penetration, Extent : Moderate, cation : Over Second Floor 48% 2% Now \$3,100 s/Damaged Flashings, Extent : Moderate	rosion/Rusting, Extent : Light, Area Affected cation : Throughout - High Wing DS Non Func/Miss, Extent : Moderate, Area cation : High Wing er Penetration, Extent : Moderate, Area Affect cation : Over Second Floor 48% 2019 2% Now \$3,100 2032 s/Damaged Flashings, Extent : Moderate, Area	rosion/Rusting, Extent : Light, Area Affected : 75% cation : Throughout - High Wing DS Non Func/Miss, Extent : Moderate, Area Affected : 2 cation : High Wing er Penetration, Extent : Moderate, Area Affected : 5% cation : Over Second Floor 48% 2019 \$9 2% Now \$3,100 2032 s/Damaged Flashings, Extent : Moderate, Area Affected	rosion/Rusting, Extent : Light, Area Affected : 75% cation : Throughout - High Wing DS Non Func/Miss, Extent : Moderate, Area Affected : 25% cation : High Wing er Penetration, Extent : Moderate, Area Affected : 5% cation : Over Second Floor 48% 2019 \$94,200	rosion/Rusting, Extent : Light, Area Affected : 75% cation : Throughout - High Wing DS Non Func/Miss, Extent : Moderate, Area Affected : 25% cation : High Wing er Penetration, Extent : Moderate, Area Affected : 5% cation : Over Second Floor 48% 2019 \$94,200 10 2% Now \$3,100 2032 ** 1 s/Damaged Flashings, Extent : Moderate, Area Affected : 10%	rosion/Rusting, Extent : Light, Area Affected : 75% ccation : Throughout - High Wing DS Non Func/Miss, Extent : Moderate, Area Affected : 25% ccation : High Wing er Penetration, Extent : Moderate, Area Affected : 5% ccation : Over Second Floor 48% 2019 \$94,200 10 \$16,300 2% Now \$3,100 2032 ** 1 s/Damaged Flashings, Extent : Moderate, Area Affected : 10%

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

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

Asset # : 13387

			A556(<i>m</i> . 13					
rchitecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Floors								
Carpet	50%			2018	\$129,300	3	\$15,300	
Cast in Place Concrete	5%			LIFE	* *	5	\$2,200	
Ceramic Tile	5%			2028	* *	5	\$1,000	
Vinyl Tile	40%			2024	\$68,900	3	\$3,100	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	\$4,900	
Glass: Single Pane	3%			LIFE	* *	5	\$600	
Gypsum Board	40%			LIFE	* *	5	\$5,900	
Masonry: Brick	2%			LIFE	* *			
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	35%			2032	* *	5	\$7,300	
			xtent : Moderate, A	Area Affe	cted : 5%			
	Location	ı : Second I	Floor					
AcousTileSusp.Lay-In	Location Water Per	Discoloring, 1 : First Flo	xtent : Moderate, A			5	\$1,600	
	Worn/Ero		: Light, Area Affec	eted : 25%	%			
Wood		netration, E 1 : Commur	xtent : Moderate, A nity Room	LIFE Area Affe	* * cted : 5%	5	\$91,300	
ectrical		Current I	Repair	Futur	e Replacement	М	aintenance	
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
der 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2019	\$1,500	5	\$100	
			Extent : Moderate, A	Area Affe	cted : 100%			
		n : Electrico						
	-	tion : Build	ing Has Four Serv	ice Prote	ctors,2-200 Amp. 1	-400 Am	p. And 1-300	
	Amp.							
Switchgear / Switchboard	E00/			2010	¢1 < 000	F	\$300	
Molded Case Bkrs	50%			2019	\$16,000 * *	5	\$200 \$200	
Molded Case Bkrs	50%			2045	ጥ ጥ	5	\$200	
Raceway	E 00/			2010	¢15 500	1		
Conduit Conduit	50%			2019	\$15,500 * *	1		
Conduit	50%			2045	* *	1		

2018

2041

\$7,400

* *

5

5

\$200

\$200

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

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

50%

50%

Panelboards

Molded Case Bkrs

Molded Case Bkrs

Asset # : 13387

Electrical System Component Type Inder 600 Volts							
Component Type	Current Repair Future Replacement			e Replacement	M		
Inder 600 Volts	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wiring							
Thermoplastic	50%		2019	\$13,700	1		
Thermoplastic	50%		2045	* *	1		
round							
Grounding Devices							
Generic	50%		LIFE	* *	5	\$100	
Generic	50%		LIFE	* *	5	\$100	
ighting							
Interior Lighting							
Fluorescent	93%		2019	\$440,500	10	\$12,300	
		ervation, Extent : Moderate,	Area Affe	ected : 100%			
		: Throughout The Building					
	Explana	tion : T8 Lamps					
HID	5%		2019	\$9,300	10		
Incandescent	2%		2019	\$9,500	2		
Egress Lighting							
Emergency, Battery	25%		2019	\$4,800	10	\$900	
Exit, Service	75%		2019	\$1,500	1		
Maakani aal						• /	
Mechanical		Current Repair	Futur	e Replacement	IVI	aintenance	
System	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Component Type	Total				(/		
	Total						
Туре	Total				< - 7		
Type	40%		2039	* *	1		
Type feating Energy Source				* * * *			
Type eating Energy Source Electricity	40%		2039		1		
Type leating Energy Source Electricity Natural Gas	40%		2039		1	\$2,900	
Type leating Energy Source Electricity Natural Gas Conversion Equipment	40% 60% 40% <i>Other Obs</i>	ervation, Extent : Light, Area	2039 2039 2024	* *	1 1	\$2,900	
Type leating Energy Source Electricity Natural Gas Conversion Equipment	40% 60% 40% Other Obs Location	a: ROOF	2039 2039 2024	* *	1 1	\$2,900	
Type feating Energy Source Electricity Natural Gas Conversion Equipment	40% 60% 40% Other Obs Location		2039 2039 2024	* *	1 1	\$2,900	
Type eating Energy Source Electricity Natural Gas Conversion Equipment	40% 60% 40% Other Obs Location	a: ROOF	2039 2039 2024	* *	1 1	\$2,900	
Type Teating Energy Source Electricity Natural Gas Conversion Equipment Furnace	40% 60% 40% Other Obs Location Explana	a: ROOF	2039 2039 2024 Affected	* * \$7,000 ': 100%	1 1 1		
Type Teating Energy Source Electricity Natural Gas Conversion Equipment Furnace Heat Pump	40% 60% 40% Other Obs Location Explana 20% 20%	a: ROOF	2039 2039 2024 a Affected 2023 2032	** \$7,000 ': 100% \$17,800 **	1 1 1 2	\$900	
Type Teating Energy Source Electricity Natural Gas Conversion Equipment Furnace Heat Pump	40% 60% 0ther Obs Location Explana 20% 20% Other Obs	: ROOF tion : EXTERIOR UNITS	2039 2039 2024 a Affected 2023 2032	** \$7,000 ': 100% \$17,800 **	1 1 1 2	\$900	
Type Teating Energy Source Electricity Natural Gas Conversion Equipment Furnace Heat Pump	40% 60% 0ther Obs Location Explana 20% 20% Other Obs Location	tion : EXTERIOR UNITS	2039 2039 2024 a Affected 2023 2032	** \$7,000 ': 100% \$17,800 **	1 1 1 2	\$900	
Type Teating Energy Source Electricity Natural Gas Conversion Equipment Furnace Heat Pump	40% 60% 40% Other Obs Location Explana 20% 20% Other Obs Location Explana	e : ROOF tion : EXTERIOR UNITS ervation, Extent : Light, Area e : Boiler Room	2039 2039 2024 Affected 2023 2032 Affected	** \$7,000 ': 100% \$17,800 **	1 1 1 2	\$900 \$1,400	
Type leating Energy Source Electricity Natural Gas Conversion Equipment Furnace Heat Pump Hot Water Boiler	40% 60% 40% Other Obs Location Explana 20% 20% Other Obs Location Explana 10%	: : ROOF tion : EXTERIOR UNITS ervation, Extent : Light, Area t : Boiler Room tion : Gas Fired	2039 2039 2024 a Affected 2023 2032 a Affected 2032	** \$7,000 5: 100% \$17,800 ** 2: 20% **	1 1 1 2 1	\$900	
Type leating Energy Source Electricity Natural Gas Conversion Equipment Furnace Heat Pump Hot Water Boiler	40% 60% 40% Other Obs Location Explana 20% 20% Other Obs Location Explana 10% Other Obs	e : ROOF tion : EXTERIOR UNITS ervation, Extent : Light, Area e : Boiler Room	2039 2039 2024 a Affected 2023 2032 a Affected 2032	** \$7,000 5: 100% \$17,800 ** 2: 20% **	1 1 1 2 1	\$900 \$1,400	
Type leating Energy Source Electricity Natural Gas Conversion Equipment Furnace Heat Pump Hot Water Boiler	40% 60% 40% Other Obs Location Explana 20% Other Obs Location Explana 10% Other Obs Location	: : ROOF tion : EXTERIOR UNITS ervation, Extent : Light, Area 1 : Boiler Room tion : Gas Fired ervation, Extent : Light, Area 2 : Boiler Room	2039 2039 2024 a Affected 2023 2032 a Affected 2032	** \$7,000 5: 100% \$17,800 ** 2: 20% **	1 1 1 2 1	\$900 \$1,400	
Type leating Energy Source Electricity Natural Gas Conversion Equipment Furnace Heat Pump Hot Water Boiler Hot Water Boiler	40% 60% 40% Other Obs Location Explana 20% 20% Other Obs Location Explana 10% Other Obs Location Explana	: : ROOF tion : EXTERIOR UNITS ervation, Extent : Light, Area 1 : Boiler Room tion : Gas Fired ervation, Extent : Light, Area	2039 2039 2024 Affected 2023 2032 Affected 2032 Affected	** \$7,000 5: 100% \$17,800 ** 5: 20% ** **	1 1 1 2 1 1	\$900 \$1,400 \$700	
Type leating Energy Source Electricity Natural Gas Conversion Equipment Furnace Heat Pump Hot Water Boiler	40% 60% 40% Other Obs Location Explana 20% 20% Other Obs Location Explana 10% Other Obs Location Explana 10%	: : ROOF tion : EXTERIOR UNITS ervation, Extent : Light, Area t : Boiler Room tion : Gas Fired ervation, Extent : Light, Area t : Boiler Room tion : Electric	2039 2039 2024 a Affected 2023 2032 a Affected 2032 a Affected 2032	** \$7,000 5: 100% \$17,800 ** 5: 20% ** ** **	1 1 1 2 1	\$900 \$1,400	
Type leating Energy Source Electricity Natural Gas Conversion Equipment Furnace Heat Pump Hot Water Boiler Hot Water Boiler	40% 60% 40% Other Obs Location Explana 20% 20% Other Obs Location Explana 10% Other Obs Location Explana 10% Other Obs	: : ROOF tion : EXTERIOR UNITS ervation, Extent : Light, Area 1 : Boiler Room tion : Gas Fired ervation, Extent : Light, Area 2 : Boiler Room	2039 2039 2024 a Affected 2023 2032 a Affected 2032 a Affected 2032	** \$7,000 5: 100% \$17,800 ** 5: 20% ** ** **	1 1 1 2 1 1	\$900 \$1,400 \$700	
Type leating Energy Source Electricity Natural Gas Conversion Equipment Furnace Heat Pump Hot Water Boiler	40% 60% 40% Other Obs Location Explana 20% 20% Other Obs Location Explana 10%	: : ROOF tion : EXTERIOR UNITS ervation, Extent : Light, Area t : Boiler Room tion : Gas Fired	2039 2039 2024 a Affected 2023 2032 a Affected 2032	** \$7,000 5: 100% \$17,800 ** 2: 20% **	1 1 1 2 1	\$900 \$1,400	

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

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

Asset # : 13387

Mechanical Current Repair Future Replacement Maintenance										
Mechanical		Current Re	epair	Futur	e Replacement	Μ				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Ieating										
Distribution										
Hot Wtr Piping/Pump	20%			2035	* *	4	\$100			
No Component	80%									
Terminal Devices										
Convector/Radiator	20%			2032	* *	1	\$900			
No Component	80%									
Air Conditioning										
Energy Source	1000/			2025	* *	1				
Electricity	100%			2035		1				
Conversion Equipment	20%			2020	\$57,000	2	\$200			
Int Pkg Unit - Heating/Cooling	20%			2020	\$57,000	Z	\$200			
Reciprocating	20%			2024	\$9,700	1	\$1,300			
Compr/Chiller	2070			2024	\$9,700	1	\$1,500			
Ext Pkg Unit -	60%			2019	\$56,600	2	\$500			
Heating/Cooling	0070			2017	\$20,000	-	<i>4000</i>			
Heat Rejection										
Remote Air Cond	20%			2024	\$17,100	2	\$2,000			
No Component	80%				. ,		. ,			
/entilation										
Distribution										
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,100			
Exhaust Fans										
Interior	10%			2024	\$1,600	2				
Roof	90%			2024	\$10,200	2	\$400			
Plumbing										
H/C Water Piping										
Galv Iron/Steel	100%			2032	* *	1				
Water Heater	100-				** • • • •		* •••			
Gas Fired	100%			2017	\$3,300	2	\$200			
Sanitary Piping	1000				* *					
Cast Iron	100%			LIFE	* *	1				
Fixtures	1000/									
Generic	100%									
/ertical Transport Elevators										
Elevators Hydraulic	100%			LIFE	* *					
Hydraulic			tent : Light, Area							
	Location		ют . <i>Б</i> ідні, Ліей	ijjecieu	. 10070					
		tion : One U	nit							
	Блрійни	non . One 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.

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: SCHOMBURG CENTER FOR RESEAT	CHOMBURG 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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$97,300	\$128,700
Interior Architecture	\$91,100	\$95,700
Electrical		\$855,600
Mechanical		\$39,400
Total	\$188,300	\$1,119,400
Importance Code A	\$97,300	\$128,700
Importance Code B	\$91,100	\$990,700
Total	\$188,300	\$1,119,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$7,600	\$9,000		
Interior Architecture	\$3,600	\$11,000	\$7,100	\$1,400
Electrical	\$1,100	\$6,200	\$1,400	\$1,700
Mechanical	\$27,000	\$11,200	\$24,800	\$12,100
Elevators/Escalators	\$9,900	\$9,900	\$9,900	\$9,900
Total	\$49,200	\$47,300	\$43,200	\$25,000
Importance Code A	\$11,300	\$12,700	\$3,700	\$3,700
Importance Code B	\$37,100	\$34,600	\$39,500	\$21,300
Importance Code C	\$800			
Total	\$49,200	\$47,300	\$43,200	\$25,000



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

Asset # : 1925

			A3301 # . 13	JZJ				
rchitecture		Current	Repair	Futur	e Replacement	Μ		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	\$91,000	
Window Wall	5%			2043	* *	5	\$18,000	
Windows						_		
Aluminum	Location Water Per	ation, Exter 1 : Through	xtent : Moderate, A			5	\$5,900	
	Weather S	_	g, Extent : Modera	te, Area	Affected : 50%			
Glass Block	5%			LIFE	* *	5	\$400	
Parapets								
Masonry: Brick	35%			LIFE	* *	5	\$1,500	
Metal Rail	35%			2036	* *	5-10	\$26,500	
Metal Rail	25%	4+	\$2,800	2028	* *	5	\$7,400	
	Location	ı : Parapet	Extent : Moderate, s Above Langston H	lughes W			¢1 200	
Pre-Cast Concrete		Crumbling	\$400 Extent : Light, Are out Coping	LIFE a Affecte		5	\$1,300	
Roof								
Built-Up (BUR)	35%			2023	\$37,700	10	\$8,300	
Modified Bitumen	Location Ponding,	Extent : Moo 1 : Through Extent : Mo	\$4,500 derate, Area Affecte out oderate, Area Affect Rooftop Units					
terior								
Floors								
Carpet	25%			2022	\$179,700	3	\$21,300	
Cast in Place Concrete	25%			LIFE	* *	5	\$31,100	
Ceramic Tile	5%			2032	* *	5	\$2,800	
Cork Tile	5%			2033	* *	5	\$2,500	
Marble Panels	5%			LIFE	* *	5	\$2,100	
Terrazzo	10%			LIFE	* *	5	\$4,400	
Vinyl Tile	20%			2023	\$95,700	3	\$5,700	
,								

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 # : 1925

Architecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	\$1,500	
Concrete Masonry Unit	25%	-		LIFE	* *	5	\$3,000	
		nce, Extent 1 : 4th Floo	: Moderate, Area / r		: 10%			
Gypsum Board	60%			LIFE	* *	5	\$10,900	
Metal Panel	5%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$6,000	
Ceilings								
AcousTileConcealSpLn			\$91,100	2043	* *	5	\$7,100	
		0	ents, Extent : Seve		Affected : 35%			
			or Manuscripts Are					
	-	-	Extent : Moderate		fected : 25%			
	Location	a : 2nd Floo	or Manuscripts Area	а				
AcousTileConcealSpLn	20%			2028	* *	5	\$14,200	
AcousTileSusp.Lay-In	25%			2036	* *	5	\$14,200	
Exposed Concrete	30%			LIFE	* *	5	\$2,700	
Metal Panel	5%			LIFE	* *	5	\$3,600	
Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component	% of		Estimated Cost		Estimated Cost	Cycle	Estimated Cost	Priorit
Туре	Total	(Years)		FY		(Yrs)		
Туре	Total	(Years)		FY		(Yrs)		
Туре	Total	(Years)		FY		(Yrs)		
Type Inder 600 Volts	Total	(Years)		FY 2033	* *	(Yrs)	\$100	
Type Inder 600 Volts Service Equipment	50%		xtent : Moderate, A	2033			\$100	
Type Inder 600 Volts Service Equipment	50% Other Obs			2033			\$100	
Type nder 600 Volts Service Equipment	50% Other Obs Location	ervation, E e : Electrico		2033 Area Affe	cted : 100%		\$100	
Type Inder 600 Volts Service Equipment	50% Other Obs Location	ervation, E e : Electrico	ıl Room	2033 Area Affe	cted : 100%		\$100	
Type Inder 600 Volts Service Equipment Fused Disc Sw	50% Other Obs Location Explana 50%	ervation, E 2 : Electrica tion : Main	ıl Room	2033 Area Affe Rated @ 2049	cted : 100% 2000 Amps * *	5		
Type Inder 600 Volts Service Equipment Fused Disc Sw	50% Other Obs Location Explana 50% Other Obs	ervation, E 2 : Electrica tion : Main	Il Room Service Protector . Extent : Moderate, A	2033 Area Affe Rated @ 2049	cted : 100% 2000 Amps * *	5		
Type Inder 600 Volts Service Equipment Fused Disc Sw	50% Other Obs Location Explana 50% Other Obs Location	ervation, E = Electrica tion : Main ervation, E = Electrica	Il Room Service Protector . Extent : Moderate, A	2033 Area Affe Rated @ 2049 Area Affe	cted : 100% 2000 Amps * * cted : 100%	5		
Type Inder 600 Volts Service Equipment Fused Disc Sw Fused Disc Sw	50% Other Obs Location Explana 50% Other Obs Location	ervation, E = Electrica tion : Main ervation, E = Electrica	Il Room Service Protector Extent : Moderate, A Il Room	2033 Area Affe Rated @ 2049 Area Affe	cted : 100% 2000 Amps * * cted : 100%	5		
Type Inder 600 Volts Service Equipment Fused Disc Sw	50% Other Obs Location Explana 50% Other Obs Location	ervation, E = Electrica tion : Main ervation, E = Electrica	Il Room Service Protector Extent : Moderate, A Il Room	2033 Area Affe Rated @ 2049 Area Affe	cted : 100% 2000 Amps * * cted : 100%	5		
Type Inder 600 Volts Service Equipment Fused Disc Sw Fused Disc Sw Switchgear / Switchboard	50% Other Obs Location Explana 50% Other Obs Location Explana	ervation, E = Electrica tion : Main ervation, E = Electrica	Il Room Service Protector Extent : Moderate, A Il Room	2033 Area Affe Rated @ 2049 Area Affe Rated @	cted : 100% 2000 Amps ** cted : 100% 2000 Amps	5	\$100	
Type Inder 600 Volts Service Equipment Fused Disc Sw Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Fused Disc Sw	50% Other Obs Location Explana 50% Other Obs Location Explana	ervation, E = Electrica tion : Main ervation, E = Electrica	Il Room Service Protector Extent : Moderate, A Il Room	2033 Area Affe Rated @ 2049 Area Affe Rated @ 2033	cted : 100% 2000 Amps ** cted : 100% 2000 Amps **	5 5 5 5	\$100	
Type Inder 600 Volts Service Equipment Fused Disc Sw Fused Disc Sw Switchgear / Switchboard Fused Disc Sw	50% Other Obs Location Explana 50% Other Obs Location Explana	ervation, E = Electrica tion : Main ervation, E = Electrica	Il Room Service Protector Extent : Moderate, A Il Room	2033 Area Affe Rated @ 2049 Area Affe Rated @ 2033	cted : 100% 2000 Amps ** cted : 100% 2000 Amps **	5 5 5 5	\$100	
Type Inder 600 Volts Service Equipment Fused Disc Sw Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Fused Disc Sw Raceway	50% Other Obs Location Explana 50% Other Obs Location Explana 50% 50%	ervation, E = Electrica tion : Main ervation, E = Electrica	Il Room Service Protector Extent : Moderate, A Il Room	2033 Area Affe 2049 Area Affe Rated @ 2033 2049	cted : 100% 2000 Amps ** cted : 100% 2000 Amps ** **	5 5 5 5 5 5	\$100	
Type Inder 600 Volts Service Equipment Fused Disc Sw Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Fused Disc Sw Raceway Conduit	50% Other Obs Location Explana 50% Other Obs Location Explana 50% 50% 80%	ervation, E = Electrica tion : Main ervation, E = Electrica	Il Room Service Protector Extent : Moderate, A Il Room	2033 Area Affe 2049 Area Affe Rated @ 2033 2049 2033	cted : 100% 2000 Amps cted : 100% 2000 Amps ** ** **	5 5 5 5 5 1	\$100	
Type inder 600 Volts Service Equipment Fused Disc Sw Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Fused Disc Sw Raceway Conduit Conduit	50% Other Obs Location Explana 50% Other Obs Location Explana 50% 50% 80% 20%	ervation, E = Electrica tion : Main ervation, E = Electrica	Il Room Service Protector Extent : Moderate, A Il Room	2033 Area Affe 2049 Area Affe 2033 2033 2049 2033 2049	cted : 100% 2000 Amps cted : 100% 2000 Amps ** ** **	5 5 5 5 5 1 1	\$100	
Type inder 600 Volts Service Equipment Fused Disc Sw Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw	50% Other Obs Location Explana 50% Other Obs Location Explana 50% 50% 80% 20%	ervation, E = Electrica tion : Main ervation, E = Electrica	Il Room Service Protector Extent : Moderate, A Il Room	2033 Area Affe 2049 Area Affe 2033 2049 2033 2049 2033	cted : 100% 2000 Amps ** cted : 100% 2000 Amps ** ** ** **	5 5 5 5 5 1 1 5	\$100 \$100 \$100	
Type Inder 600 Volts Service Equipment Fused Disc Sw Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Fused Disc Sw Raceway Conduit Conduit Panelboards	50% Other Obs Location Explana 50% Other Obs Location Explana 50% 50% 80% 20%	ervation, E = Electrica tion : Main ervation, E = Electrica	Il Room Service Protector Extent : Moderate, A Il Room	2033 Area Affe 2049 Area Affe 2033 2033 2049 2033 2049	cted : 100% 2000 Amps ** cted : 100% 2000 Amps ** ** ** ** ** ** ** **	5 5 5 5 5 1 1	\$100	
Type Inder 600 Volts Service Equipment Fused Disc Sw Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Fused Disc Sw Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	50% Other Obs Location Explana 50% Other Obs Location Explana 50% 50% 80% 20%	ervation, E = Electrica tion : Main ervation, E = Electrica	Il Room Service Protector Extent : Moderate, A Il Room	2033 Area Affe 2049 Area Affe 2033 2049 2033 2049 2033 2049 2031 2031	cted : 100% 2000 Amps ** cted : 100% 2000 Amps ** ** ** ** ** **	5 5 5 5 5 1 1 1 5 5	\$100 \$100 \$100 \$900	
Type Inder 600 Volts Service Equipment Fused Disc Sw Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Fused Disc Sw Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs	50% Other Obs Location Explana 50% Other Obs Location Explana 50% 50% 80% 20%	ervation, E = Electrica tion : Main ervation, E = Electrica	Il Room Service Protector Extent : Moderate, A Il Room	2033 Area Affe 2049 Area Affe 2033 2049 2033 2049 2033 2049 2031 2031	cted : 100% 2000 Amps ** cted : 100% 2000 Amps ** ** ** ** ** **	5 5 5 5 5 1 1 1 5 5	\$100 \$100 \$100 \$900	

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

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

Asset # : 1925

Electrical System Component Type Under 600 Volts Motor Controllers Locally Mounted Motor Control Center Ground Grounding Devices Generic	Total (Years) 10%	Estimated Cost		e Replacement Estimated Cost ** **		aintenance Estimated Cost \$1,000	Priority
Component Type Under 600 Volts Motor Controllers Locally Mounted Motor Control Center Ground Grounding Devices	Total (Years) 10%	Sxtent : Moderate, A	FY 2036 2040	* * * *	(Yrs)		Priority
Motor Controllers Locally Mounted Motor Control Center Ground Grounding Devices	90% 100% Other Observation, E Location : Basemen		2040	* *		\$1,000	
Locally Mounted Motor Control Center Ground Grounding Devices	90% 100% Other Observation, E Location : Basemen		2040	* *		\$1,000	
Motor Control Center Ground Grounding Devices	90% 100% Other Observation, E Location : Basemen		2040	* *		\$1,000	
Ground Grounding Devices	100% Other Observation, E Location : Basemen				5	\$1,000	
Grounding Devices	Other Observation, E Location : Basemen		LIFE				
	Other Observation, E Location : Basemen		LIFE				
Generic	Other Observation, E Location : Basemen		LIFE	* *	~	¢	
					5	\$600	
ighting	Explanation : Conn	ectea 10 Metai wa	ter Pipe				
ighting Interior Lighting							
Fluorescent	60%		2023	\$789,800	10	\$22,100	
	Other Observation, E Location : Through Explanation : T-12	out The Building			10	¢ ,100	
Fluorescent	32%	1	2031	* *	10	\$11,800	
	Other Observation, E Location : Through Explanation : T-8 L	out The Building					
HID	3%		2023	\$15,600	10		
Incandescent	5%		2023	\$65,800	2		
Egress Lighting							
Emergency, Battery	50%		2028	* *	10	\$4,800	
Exit, LED	50%		2051	* *	1		
Exterior Lighting HID	1000/		2028	* *	10	\$100	
larm	100%		2028		10	\$100	
Security System No Component Generic	70% 30%		2031	* *	1	\$4,500	
Fire/Smoke Detection No Component Generic	70% 30%		2031	* *	1-3	\$7,400	
Ouliuliu	5070		2031	· •	1-5	¢7,400	
Mechanical	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Heating Energy Source Natural Gas	100%		2043	* *	1		

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

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

Asset # : 1925

	ASSet # :	1525				
Mechanical	Current Repair	Future	Replacement	Μ	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Conversion Equipment						
Furnace	15%	2023	\$7,300	1	\$3,000	
	Other Observation, Extent : Light, An Location : Part Of A C Units Explanation : 6 Units	rea Affected : .	15%			
Steam Boiler	85%	2040	* *	1	\$33,800	
	Other Observation, Extent : Light, Au Location : Penthouse Explanation : 2 Units	rea Affected : .	100%			
Distribution						
Hot Wtr Piping/Pump	15%	2039	* *	4	\$300	
Steam Piping/Pump	85%	2033	* *	4	\$2,500	
Terminal Devices						
Air Handler	80%	2031	* *	1	\$19,900	
Convector/Radiator	20%	2036	* *	1	\$2,600	
Air Conditioning Energy Source						
Electricity	100%	2039	* *	1		
Conversion Equipment	10070	2037		1		
Reciprocating	85%	2028	* *	1	\$15,800	
Compr/Chiller	R-22 Refrigerant, Extent : Light, Are Location : Penthouse Chillers	a Affected : 10	00%			
Ext Pkg Unit - Heating/Cooling	15%	2023	\$39,400	2	\$400	
	R-22 Refrigerant, Extent : Light, Are Location : Roof	a Affected : 10	00%			
Distribution					* - - - - - - - - - -	
Chilled Wtr Pipe/Pump	85%	2043	* *	4	\$1,700	
No Component	15%					
Terminal Devices					** • • • • •	
Air Handler/Cool/Ht	100%	2031	* *	1	\$24,800	
Heat Rejection	0.5%	0007	sta -1-	~	\$24.2 00	
Water Cool Tower	85%	2027	* *	2	\$34,300	
No Component	15%					
/entilation						
Distribution	1000/	LIDE	* *	25	¢00 400	
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$22,400	
Exhaust Fans	950/	2021	* *	2	¢1 000	
Interior	85%	2031		2	\$1,000	
Roof	15%	2023	\$4,700	2	\$200	
Plumbing						
H/C Water Piping Galv Iron/Steel	100%	2036	* *	1		
Water Heater	100%	2030		1		
Gas Fired	100%	2022	\$0.200	r	\$600	
Uas riied	100%	2022	\$9,300	2	\$000	

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

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

Asset # : 1925

Mechanical	Current Repair	Future R	eplacement	Μ	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
HW Heat Exchanger						
Low Temp	100%	2043	* *	4	\$4,000	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2017	\$6,600	4	\$2,500	
Sewage Ejector(s)						
Electric	100%	2028	* *	4	\$1,600	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			
	Other Observation, Extent : Light, A	Area Affected : 10	00%			
	Location : B-4					
	Explanation : Two Units					
Fire Suppression						
Standpipe						
No Component	50%					
No Component	50%					
Sprinkler						
No Component	50%					
Generic	50%	2043	* *	1-2	\$5,600	
Fire Pump						
Generic	100%	2032	* *	1	\$7,500	

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

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name Address	 SCHOMBURG CENTER FOR RESEARCH MCKINN BLDG. 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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$1,153,600	\$333,100
Interior Architecture		\$49,000
Electrical		\$1,134,500
Mechanical		\$96,100
Total	\$1,153,600	\$1,612,800
Importance Code A	\$1,153,600	\$333,100
Importance Code B		\$1,230,600
Importance Code C		\$49,000
Total	\$1,153,600	\$1,612,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$27,900	\$17,100	\$2,200	
Interior Architecture	\$49,100			\$10,400
Electrical	\$800	\$4,200	\$900	\$800
Mechanical	\$2,300	\$3,900	\$4,800	\$2,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$84,000	\$29,100	\$11,900	\$18,100
Importance Code A	\$29,000	\$18,200	\$3,300	\$1,100
Importance Code B	\$51,000	\$10,900	\$8,600	\$17,000
Importance Code C	\$4,100			
Total	\$84,000	\$29,100	\$11,900	\$18,100



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

Asset # : 2824

rchitecture	Current F	Current Repair Future Replacement			Maintenance		
/stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls							
Masonry: Brick	65% Now Jnt Mortar Miss/Erod Location : Through		LIFE e, Area A	* * Affected : 30%	5	\$54,400	
Masonry: Limestone	35% Now Jnt Mortar Miss/Eroc Location : Through		LIFE e, Area A	* * Affected : 10%	5	\$22,000	
Windows							
Wood	100%		2031	* *	5	\$172,100	
Parapets							
Masonry: Brick	20% Now Jnt Mortar Miss/Erod Location : East And Vegetation Growth, E Location : Exterior Worn/Eroded, Extent Location : East And	l West Parapets Extent : Moderate, A Face Of East And : Moderate, Area	Area Affe West Fac	cted : 10% cade	5	\$4,200	
Masonry: Limestone	5%		LIFE	* *	5	\$1,300	
Metal Cornice	25% Other Observation, E Location : South Fa Explanation : This (cade			10	\$17,100	
Metal Rail	50% Now Corrosion/Rusting, E Location : Through		2028 Area Affe	* * cted : 10%	5	\$75,100	
Roof							
Built-Up (BUR)	50% Now Vegetation Growth, E Location : Highest Water Penetration, E Location : Highest	Roof, Over 3rd Flo xtent : Severe, Area	or a Affected				
Built-Up (BUR)	25% Ponding, Extent : Mo Location : Around I		2023 ted : 10%	\$31,500	10	\$6,300	
Cement-Fiber Panel	25% Worn/Eroded, Extent Location : Sloped R		2019 ted : 25%	\$51,300	5	\$4,400	

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

			A3301 # . 20	024					
Architecture	Current Repair Fr			Futur	Future Replacement Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
nterior									
Floors									
Carpet	30%		\$11,600	2022	\$231,100	3	\$25,100		
			: Moderate, Area	Affected	: 15%				
	Location	1 : Ist Floor	r Schomburg Shop						
Cast in Place Concrete	5%			LIFE	* *	5	\$6,100		
Ceramic Tile	5%			2032	* *	5	\$2,800		
Terrazzo	15%			LIFE	* *	5	\$6,500		
Vinyl Tile	30%	Now	\$7,700	2028	* *	3	\$6,300		
	-	-	Extent : Moderate	, Area Aj	ffected : 10%				
		1 : 3 Floor (
	-		xtent : Moderate, A	Area Affe	ected : 5%				
	Location	1 : 3rd Floo	r Corridor						
Wood	15%			2051	* *	5	\$15,700		
Interior Walls									
Ceramic Tile	5%			2032	* *	5	\$8,200		
Concrete Masonry Unit	10%			LIFE	* *	5	\$6,500		
Gypsum Board	50%			LIFE	* *	5	\$49,000		
Plaster	35%			LIFE	* *	5	\$17,200		
Ceilings									
AcousTileSusp.Lay-In	40%			2036	* *	5	\$22,300		
AcousTileSusp.Lay-In	5%	Now	\$24,400	2043	* *	5	\$1,400		
	Broken/M	issing Elem	ents, Extent : Seve	re, Area	Affected : 10%				
	Location	1 : 3rd Floo	r Moving Image A	nd Recor	ded Sound Divisio	n Office			
	Cracking/	Crumbling,	Extent : Severe, A	rea Affec	cted : 25%				
	Location	n : 3rd Floo	r Moving Image A	nd Recor	ded Sound Divisio	n Office			
	Water Per	ietration, E	xtent : Severe, Area	a Affecte	d : 20%				
	Location	1 : 3rd Floo	r Moving Image A	nd Recor	ded Sound Divisio	n Office			
Exposed Struc: Steel	5%			LIFE	* *				
Gypsum Board	30%			LIFE	* *	5	\$20,900		
Plaster	20%			LIFE	* *	5	\$7,000		
							. ,		
Electrical		Current F	Repair	Futur	e Replacement	Μ	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	

Under 600 Volts

Service Equipment Fused Disc Sw

Fused Disc S

100%2023\$2,700Other Observation, Extent : Moderate, Area Affected : 100%Location : Basement

Evelanation : 1200 Amps

	Explanation : 1200 Amp	DS			
Switchgear / Switchboard	1				
Fused Disc Sw	100%	2023	\$35,000	5	\$100
Raceway					
Conduit	90%	2023	\$30,600	1	
Conduit	10%	2049	* *	1	

5

\$100

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

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

Asset # : 2824

		Asset # : 28	524				
Electrical	Curren	Irrent Repair Future Replacement			Μ		
System Component Type	% of Fail Day Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Panelboards							
Molded Case Bkrs	80%		2031	* *	5	\$600	
Molded Case Bkrs	20%		2045	* *	5	\$100	
Wiring	900/		2022	* *	1		
Thermoplastic Thermoplastic	80% 20%		2033 2049	* *	1 1		
Motor Controllers	20%		2049		1		
Locally Mounted	100%		2021	\$49,100	5	\$200	
round	10070		2021	φ+9,100	5	φ200	
Grounding Devices							
Not Accessible	100%						
ighting							
Interior Lighting							
Fluorescent	95%		2023	\$937,700	10	\$24,000	
		, Extent : Moderate, A	Area Affe	ected : 100%			
		ghout The Building					
	Explanation : T-1	2 Lamps					
HID	5%		2023	\$19,500	10		
Egress Lighting	5 00/			* *	10	*2 2 0	
Emergency, Battery	50%		2028	* *	10	\$3,300	
Exit, Service	50%		2028	•••	1		
Exterior Lighting HID	100%		2023	\$112,700	10	\$100	
larm	10070		2023	\$112,700	10	φ100	
Security System							
No Component	70%						
Generic	30%		2031	* *	1	\$3,100	
Fire/Smoke Detection							
No Component	70%						
Generic	30%		2031	* *	1-3	\$5,100	
lechenicel	0		Enter				
lechanical		t Repair		e Replacement		aintenance	
ystem Component		te Estimated Cost		Estimated Cost	•	Estimated Cost	Priorit
Туре	Total (Years	3)	FY		(Yrs)		
eating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Furnace	80%		2028	* *	1	\$10,900	
		, Extent : Light, Area	Affected	: 100%			
	Location : A C U						
	Explanation : 2 U	Inits					
No Component	20%						

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

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

Asset # : 2824

Mechanical		Current Repair Future Replacement			e Replacement	cement Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	20%			2031	* *	4	\$300	
			Extent : Light, Area	Affected	: 20%			
		ı : Various						
	Explana	tion : Supp	lied From Schombi	ırg Main	Bldg			
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2028	* *	1	\$1,800	
No Component	80%							
Air Conditioning								
Energy Source	100%			2039	* *	1		
Electricity	100%			2039	····	1		
Conversion Equipment Int Pkg Unit - Cooling	25%			2021	\$96,100	2	\$400	
Int Fkg Unit - Cooling		iaerant Fr	tent : Light, Area A			2	\$400	
	-	igerani, Ex 1 : Through	-	<i>jjecieu</i> .	10070			
East Disc Linit Cooling		i . Iniougn	oui	2029	* *	2	¢1 200	
Ext Pkg Unit - Cooling	75% P 22 Pafr	iaarant Fr	tent : Light, Area A	2028 ffootod:		2	\$1,300	
	Location		ieni . Ligni, Area A	jjecieu .	100%			
Ventilation	Locuitor	i . Kooj						
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$15,400	
Exhaust Fans	10070			LIIL		23	\$15,100	
Interior	60%			2023	\$19,800	2	\$500	
Roof	40%			2023	\$9,500	2	\$300	
Plumbing					+> ;= = =		+++++	
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Electric	100%			2022	\$4,600	4	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	\$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
			Extent : Light, Area					
			ated In Langston H	lughes H	all			
	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	Curren	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Dat Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression							
Standpipe							
No Component	50%						
Generic	50%		2043	* *	1-5	\$6,900	
Sprinkler							
No Component	50%						
Generic	50%		2033	* *	1-2	\$3,900	

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

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

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

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: SCIENCE, INDUSTRY AND BUSINESS LIBRARY								
Address	38 MADISON AVENUE @ EAST 34 STREET								
Borough	IANHATTAN Agency's Number : N/A								
Program / Asset #	PL0013.000 / 4227 Yr Built/Renovated : 1906 / 1995								
Area Sq Ft	33,000 Project Type : NEW YORK PUE	LIC LIBRARY							
Date of Survey	2-May-2014 Landmark Status : EXTERIOR LAN	DMARK							
Areas Surveyed	loors 1,3,5								
Block	54 Lot : 7502 BIN : 1017097								

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$39,000	\$212,900
Electrical	\$151,400	
Mechanical		\$3,867,200
Total	\$190,300	\$4,080,000
Importance Code B	\$190,300	\$4,003,700
Importance Code C		\$76,400
Total	\$190,300	\$4,080,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Interior Architecture		\$104,000	\$1,300	
Electrical	\$2,400	\$4,900	\$2,400	\$25,100
Mechanical	\$74,500	\$19,500	\$81,100	\$39,000
Elevators/Escalators	\$23,700	\$23,700	\$23,700	\$23,700
Total	\$100,600	\$152,100	\$108,500	\$87,800
Importance Code A			\$5,200	\$400
Importance Code B	\$100,600	\$148,700	\$103,300	\$87,400
Importance Code C		\$3,500		
Total	\$100,600	\$152,100	\$108,500	\$87,800



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

Asset # : 4227

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Carpet	73%			2024	\$2,624,500	3	\$284,700	
Cast in Place Concrete	5%			LIFE	* *	5	\$28,400	
Ceramic Tile	1%			2034	* *	5	\$2,600	
Terrazzo	10%			LIFE	* *	5	\$20,300	
Vinyl Tile	10%			2030	* *	3	\$9,800	
Wood	1%			2053	* *	5	\$4,900	
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *			
Ceramic Tile	5%			2038	* *	5	\$6,900	
Gypsum Board	92%			LIFE	* *	5	\$76,400	
Wood	1%			LIFE	* *	5	\$5,500	
Ceilings								
AcousTileSusp.Lay-In	30%			2038	* *	5	\$78,000	
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	30%			LIFE	* *	5	\$97,500	
Masonry: Infill Arch	20%			LIFE	* *			

lectrical	Current Repa	ir Future Rej	Future Replacement		aintenance			
rstem Component Type	% of Fail Date Est Total (Years)	imated Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority		
der 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2035	* *	5	\$800			
	Other Observation, Exten	t : Moderate, Area Affected .	· 100%					
	Location : Electrical Ro	om						
	Explanation : Two 1600	Amps Main Disconnect Swi	tch					
Transformers								
Dry Type	100%	2030	* *	5	\$700			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Ro	om						
	Explanation : 1- 1000 K	va 480hv-208lv						
Switchgear / Switchboard								
Fused Disc Sw	100%	2035	* *	5	\$800			
Raceway								
Conduit	100%	2035	* *	1				
Panelboards								
Fused Disc Sw	5%	2041	* *	5	\$200			
Fused Disc Sw	5%	2033	* *	5	\$200			
Molded Case Bkrs	60%	2041	* *	5	\$2,900			
Molded Case Bkrs	30%	2033	* *	5	\$1,400			
Wiring								
Thermoplastic	70%	2045	* *	1				
Thermoplastic	30%	2035	* *	1				

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

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

Asset # : 4227

		Asset # :	4227				
Electrical		Current Repair	Futur	e Replacement	M	Maintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Motor Controllers							
Locally Mounted	20%		2038	* *	5	\$200	
Motor Control Center	60%		2038	* *	5	\$3,000	
Variable Frequency	20%		2042	* *			
Drive							
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$2,700	
Lighting							
Interior Lighting	2 5 <i>a i</i>			* *	10	*2 0.000	
Fluorescent	25%		2030		10	\$39,800	
	-	s, Extent : Moderate, Area A 1 : Throughout The Building	00	JU%0			
Fluorescent	70%		2030	* *	10	\$111,500	
	-	s, Extent : Moderate, Area		00%			
	Locatior	ı : Throughout The Building	g				
Incandescent	5%		2030	* *	2	\$200	
Egress Lighting							
Emergency, Battery	50%		2030	* *	10	\$21,000	
Exit, LED	30%		2053	* *	1		
Exit, Service	20%		2030	* *	1		
Exterior Lighting							
HID	100%		2030	* *	10	\$600	
Alarm							
Security System							
No Component Generic	65%		2022	* *	1	\$23,900	
Fire/Smoke Detection	35%		2033	••	1	\$25,900	
No Component	65%						
Generic, Digital	35%		2030	* *			
Generic, Digitai	3570		2030				
Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component	% of	Fail Date Estimated Cos		Estimated Cost		Estimated Cost	Priority
Туре	Total	(Years)	FY		(Yrs)		
Heating							
Energy Source							
Utility Steam	100%		2035	* *	1		
Conversion Equipment							
Pres. Reducing Valve/LP	100%		2034	* *	5	\$10,300	
Steam							
		servation, Extent : Light, Ar	rea Affected	: 40%			
		n : Basement					
	Explana	tion : 2 Heat Exchangers					
Distribution	400/		2022	* *	А		
Hot Wtr Piping/Pump	40%		2033	* *	4	\$5,100 \$7,700	
Steam Piping/Pump	60%		2045	* *	4	\$7,700	

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

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

Asset # : 4227

Mechanical	Current Repair Future Repla			Replacement	lacement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Heating	•							
Terminal Devices								
Air Handler	60%			2025	\$608,800	1	\$64,500	
Convector/Radiator	30%			2030	* *	1	\$16,800	
Fan Coil Unit/Heat	10%			2030	* *	1	\$5,600	
Air Conditioning	10/0			2000		-	40,000	
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment	10070			2011		1		
Int Pkg Unit - Cooling	100%			2023	\$2,423,400	2	\$10,600	
Distribution	10070			2025	\$2,725,700	2	\$10,000	
	100%			2035	* *	4	\$8,600	
Chilled Wtr Pipe/Pump	100%			2055		4	\$8,000	
Heat Rejection	1000/			2022	¢540,100	2	¢174.000	
Water Cool Tower	100%			2023	\$540,100	2	\$174,800	
Ventilation								
Distribution	1000				ماد ماد	~ ~	* • * • • • • •	
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$96,900	
Exhaust Fans								
Interior	100%			2025	\$208,000	2	\$5,300	
Plumbing H/C Water Piping Brass/Copper		Extent : M	\$11,200 Joderate, Area Affe	2035 cted : 10%	* * 0	1		
	Location	ı : Water M	ain, Lower Level					
Water Heater								
Gas Fired	100%			2023	\$43,800	2	\$2,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2025	\$12,000	4	\$2,500	
Backflow Preventer								
Generic	100%			2025	\$19,200	1	\$11,200	
Fixtures					. , -		. , -	
Generic	100%							
Vertical Transport	/ •							
Elevators								
Geared Traction	70% Other Obs Locatior		Extent : Light, Area	LIFE Affected :	* *			
		tion : 2 Fre	ight Units					
Hydraulic	30% Other Obs Location	servation, E 1 : L L- G	Extent : Light, Area	LIFE Affected :	* *			
	Explana	tion : 2 Pas	s Units					

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 # : 4227

Mechanical	Current Re	pair Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date H Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ire Suppression						
Standpipe						
Generic	100%	2045	* *	1-5	\$87,600	
Sprinkler						
Generic	100%	2045	* *	1-2	\$48,700	
Fire Pump						
Not Accessible	100%					

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

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

Print Date: 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: SEWARD PARK BRANCH LIBRARY								
Address	: 192 EAST BROADWAY @JEFFERSON 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 2017 - 2020	FY 2021 - 2026
Exterior Architecture Mechanical	\$632,300	\$102,000 \$486,400
Total	\$632,300	\$588,400
Importance CodeAImportance CodeB	\$632,300	\$102,000 \$486,400
Total	\$632,300	\$588,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$47,000	\$10,500		
Interior Architecture	\$64,300			\$2,800
Electrical	\$1,900	\$1,500	\$22,000	\$2,100
Mechanical	\$2,400	\$2,200	\$7,600	\$2,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$119,700	\$18,100	\$33,600	\$11,100
Importance Code A	\$47,900	\$11,500	\$1,000	\$1,000
Importance Code B	\$48,800	\$6,700	\$32,600	\$10,100
Importance Code C	\$22,900			
Total	\$119,700	\$18,100	\$33,600	\$11,100



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 # : 4228

rchitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls			4151 0 00		de de	_	☆≈ ○ <○○	
Masonry: Brick			\$151,200 l, Extent : Light, A out	LIFE rea Affec	* * ted : 10%	5	\$50,600	
Masonry: Granite	5%	2-4	\$22,800	LIFE	* *	5	\$2,900	
		r Miss/Erod 1 : Through	l, Extent : Light, A out	rea Affec	ted : 10%			
Masonry: Limestone	25%	2-4	\$233,700	LIFE	* *	5	\$14,600	
		issing Elem 1 : Front Of	eents, Extent : Ligh ⁻ Building	t, Area A	ffected : 1%			
Metal Panel	5%	2-4	\$1,400	2024	\$27,700	5	\$7,300	
		/Rusting, E 1 : Top Floo	xtent : Light, Area or Walls	Affected	: 5%			
Windows			**			_	***	
Wood	100%		\$247,500	2049	* *	5	\$33,200	1
		ecay, Exter 1 : Through	nt : Severe, Area A out	fected :	100%			
Parapets	Locuior	i . intough	011					
Masonry: Brick	10%	0-2	\$900	LIFE	* *	5	\$300	
Musoni y. Direk	Jnt Morta		l, Extent : Light, A		ted : 5%	5	4200	
Masonry: Limestone	90%	2-4	\$22,000	LIFE	* *	5	\$3,600	
	Jnt Morta	r Miss/Erod 1 : Through	l, Extent : Light, A		ted : 5%	-		
Roof								
Roll Roofing	100%			2023	\$51,400	5	\$21,000	
erior Floors						_	* - 100	
Cast in Place Concrete	10%			LIFE	* *	5	\$6,400	
Marble Panels	3%			LIFE	* * *	5	\$700 \$700	
Terrazzo	2%	2.4	¢2 (00	LIFE	* *	5	\$500	
Traffic Topping	-	2-4 Crumbling, 1 : Through	\$3,600 Extent : Light, Ard out	2029 ea Affecte		5	\$1,800	
Vinyl Tile		2-4 Crumbling, 1 : Through	\$18,600 Extent : Light, Arc	2029 ea Affecte	* * ed : 10%	3	\$8,300	
Interior Walls								
Plaster	100%	0-2	\$22,900	LIFE	* *	5	\$17,300	
	-	Crumbling, 1 : Through	Extent : Light, Ard out	ea Affecte	ed : 5%			
Ceilings Plaster	100%	2-4	\$19,200	LIFE	* *	5	\$18,400	
F 145151			519,200 Extent : Light, Ar			5	φ10, 4 00	
	-	i : Through	-					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. 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		e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5		
			Extent : Moderate, 1	Area Affe	cted : 100%			
		n : Electrico						
			1600 Amps Main D		t Switch * *			
Fused Disc Sw	50%			2044	* *	5		
Switchgear / Switchboard	1000/			2044	* *	5	\$100	
Fused Disc Sw	100%			2044	* *	5	\$100	
Raceway Conduit	100%			2044	* *	1		
Panelboards	10070			2044		1		
Fused Disc Sw	5%			2040	* *	5		
Molded Case Bkrs	95%			2040	* *	5	\$500	
Wiring	2070			20.0		C .	4000	
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	\$100	
Bround								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
			Extent : Moderate, 1	Area Affe	cted : 100%			
		n : Boiler R						
• • •	Explana	tion : Conn	ected With Main W	/ater Pip	e			
Lighting								
Interior Lighting Fluorescent	40%			2029	* *	10	\$7,200	
Thusiescent			Moderate, Area Aff			10	ψ7,200	
			out The Building					
Fluorescent	60%		0	2029	* *	10	\$10,800	
Tuorescent			Extent : Moderate, A		cted : 100%	10	φ10,000	
			out The Building					
		tion : T-8 I	-					
Egress Lighting			-					
Emergency, Battery	50%			2029	* *	10	\$2,400	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	\$100	
Alarm								
Security System								
No Component	50%			2022	* *	4	40.7 00	
Generic	50%			2032	* *	1	\$3,700	
Fire/Smoke Detection	1000/			2020	* *	1 2	¢10 500	
Generic	100%			2029	* *	1-3	\$12,500	

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

Asset # : 4228

Mechanical		Current I	Repair	Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
Heating									
Energy Source									
Natural Gas	100%			2034	* *	1			
Conversion Equipment									
Hot Water Boiler	Location Other Obs Location	eriorating, 1 : Boiler R servation, E	Extent : Light, Area at Boiler Room			1	\$8,800		
Distribution									
Hot Wtr Piping/Pump	100%			2023	\$98,000	4	\$1,000		
Terminal Devices Convector/Radiator	100%			2029	* *	1	\$6,400		
Air Conditioning							1-7		
Energy Source									
Electricity	100%			2040	* *	1			
Conversion Equipment									
Int Pkg Unit -	100%			2025	\$388,500	2	\$1,200		
Heating/Cooling									
	-	igerant, Ext 1 : A C Roc	tent : Light, Area A oms	ffected :	100%				
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,000		
Exhaust Fans									
Roof	100%			2029	* *	2	\$600		
Plumbing									
H/C Water Piping									
Brass/Copper	100%			2034	* *	1			
Water Heater									
Electric	100%			2019	\$3,000	4	\$100		
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping									
Cast Iron	100%			LIFE	* *	1			
Backflow Preventer									
Generic	100%			2024	\$1,900	1	\$1,200		
Fixtures									
Generic	100%								
Vertical Transport									
Elevators									
Hydraulic	100%			LIFE	* *				
	Other Obs Location		Extent : Light, Area	Affected	: 100%				

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 # : 4228

Mechanical		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2034	* *	1-2	\$1,100	
Fire Pump								
Generic	100%			2027	* *	1	\$3,700	

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

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

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: SOUNDVIEW BRANCH LIBRARY						
Address	: 660 SOUNDVIEW AVE. @BEACH AVE.						
Borough	: BRONX	: S05					
Program / Asset #	: NPL0S05.000 / 13367	Yr Built/Renovated	: 1973 / 1999				
Area Sq Ft	: 11,861	Project Type	: NEW YORK PUBLIC LIBRARY				
Date of Survey	: 10-Jan-2008	Landmark Status	: NONE				
Areas Surveyed	: Basement, Roof, Floors 1						
Block	: 3558 Lot : 14	BIN	: 2021838				

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$61,800	\$178,800
Interior Architecture	\$143,600	
Electrical	\$381,100	
Mechanical	\$99,800	\$110,100
Total	\$686,300	\$289,000
Importance Code A	\$61,800	\$178,800
Importance Code B	\$624,500	\$110,100
Total	\$686,300	\$289,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$800		\$16,300	
Interior Architecture	\$10,500	\$200	\$2,100	
Electrical	\$47,900		\$26,400	
Mechanical	\$4,600	\$3,600	\$3,100	\$4,400
Total	\$63,800	\$3,800	\$47,900	\$4,400
Importance Code A	\$1,400	\$600	\$17,000	\$600
Importance Code B	\$62,500	\$3,200	\$30,900	\$3,900
Importance Code C				
Total	\$63,800	\$3,800	\$47,900	\$4,400



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

NEW YORK PUBLIC LIBRARY - 035 SOUNDVIEW BRANCH LIBRARY

Asset # : 13367

			Asset # : 13	367				
Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Concrete Masonry Unit	30%			LIFE	* *	5	\$3,000	
Masonry: Granite	55%			LIFE	* *	5	\$6,600	
Metal Panel	15%			2039	* *	5-10	\$16,600	
Windows								
Aluminum	100%			2027	* *	5	\$1,600	
Parapets								
Copper/Terne	40%	2-4	\$61,800	2054	* *	5	\$3,500	
	-	-	ctent : Moderate, A	rea Affec	cted : 75%			
	Location	ı : Through	out Perimeter					
Metal Panel	60%			2029	* *	5	\$8,400	
Roof								
Modified Bitumen	100%			2024	\$178,800	10	\$31,000	
terior								
Floors								
Ceramic Tile	2%			2028	* *	5	\$400	
Terrazzo	2%			LIFE	* *	5	\$300	
Vinyl Tile	96%			2019	\$143,600	3	\$6,400	
Interior Walls								
Concrete Masonry Unit	97%			LIFE	* *	5	\$3,700	
Glass: Single Pane	1%			LIFE	* *	5	\$100	
Metal Panel	1%			LIFE	* *			
Granite Panels	1%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	95%			2032	* *	5	\$21,100	
Gypsum Board	5%			LIFE	* *	5	\$1,100	
lectrical		Current	Repair	Futur	e Replacement	M	aintenance	
ystem Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Туре	Total	(Years)		FY		(Yrs)		
nder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2029	* *	5	\$300	
Monded Cube Dails		servation. F	Extent : Moderate, A		ected : 100%	5	φ300	
		ı : Electrica		1,00011550				
			ating Available					
Switchgear / Switchboard	p.a.na	110 K						
Molded Case Bkrs	100%			2029	* *	5	\$300	
Raceway	100/0			2027		5	φ500	
Conduit	100%			2029	* *	1		
Panelboards	100/0			2027		1		
Molded Case Bkrs	20%			2035	* *	5	\$100	
Molded Case Bkrs	20% 80%			2033	* *	5	\$300	
Wiring	0070			2021		5	ψ500	
Thermoplastic	95%			2019	\$26,100	1		
Thermoplastic	5%			2019	\$20,100	1		
поразис	J 70			2027		1		

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

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

NEW YORK PUBLIC LIBRARY - 035 SOUNDVIEW BRANCH LIBRARY

Asset # : 13367

Current R	epair	Futur	e Replacement	M	aintenance	
% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
1000/		2017	\$20,000	~	¢100	
100%		2017	\$29,900	5	\$100	
100%						
	tent : Light, Area A	ffected	: 0%			
Location : Gas Meter	r Room					
Explanation : Covere	ed With Insulation					
0.00/		2017	¢291 100	10	\$10,700	
	tent · Moderate Ar		. ,	10	\$10,700	
		cungje	cicu : 10070			
-						
		2017	\$1,500	10		
1%			\$3,900	2		
100%		2017	\$1,700	1		
	Estimated Cost		Estimated Cost	-	Estimated Cost	Priorit
Iotal (Ieals)		ГI		(115)		
1000/			at at			
100%		2039	* *	1		
1000%		2024	\$26.400	1	\$5,000	
100%		2024	\$26,400	1	\$5,900	
			\$26,400	1	\$5,900 \$600	
100%		2024 2035	. ,		. ,	
			. ,		. ,	
100%		2035	**	4	\$600	
100% 100%		2035 2019	* *	4	\$600	
100%		2035	**	4	\$600	
100% 100% 100%		2035 2019 2035	** \$63,400 **	4 1 1	\$600 \$7,300	
100% 100%		2035 2019	* *	4	\$600	
100% 100% 100% 100%	nt, Extent : Light, A	2035 2019 2035 2024	* * \$63,400 * * \$39,900	4 1 1	\$600 \$7,300	
100% 100% 100%	-	2035 2019 2035 2024	* * \$63,400 * * \$39,900	4 1 1	\$600 \$7,300	
100% 100% 100% 100% Recent Replace Eviden Location : Basement	-	2035 2019 2035 2024	** \$63,400 ** \$39,900 ected : 100%	4 1 1	\$600 \$7,300	
100% 100% 100% 100% Recent Replace Eviden	-	2035 2019 2035 2024	* * \$63,400 * * \$39,900	4 1 1	\$600 \$7,300	
100% 100% 100% 100% Recent Replace Eviden Location : Basement 100%	-	2035 2019 2035 2024 <i>rea Affe</i> 2019	* * \$63,400 * * \$39,900 ected : 100% \$36,500	4 1 1 1	\$600 \$7,300 \$5,500	
100% 100% 100% 100% Recent Replace Eviden Location : Basement	-	2035 2019 2035 2024 rea Affe	** \$63,400 ** \$39,900 ected : 100%	4 1 1 1 1	\$600 \$7,300	
100% 100% 100% 100% Recent Replace Eviden Location : Basement 100%	-	2035 2019 2035 2024 <i>rea Affe</i> 2019	* * \$63,400 * * \$39,900 ected : 100% \$36,500	4 1 1 1	\$600 \$7,300 \$5,500	
100% 100% 100% 100% Recent Replace Eviden Location : Basement 100%		2035 2019 2035 2024 <i>rea Affe</i> 2019	* * \$63,400 * * \$39,900 ected : 100% \$36,500	4 1 1 1	\$600 \$7,300 \$5,500	
	% of Total Fail Date (Years) Total (Years) 100% 100% 0ther Observation, Ex Location : Gas Meter Explanation : Coveration, Ex Location : Coveration, Ex 98% Other Observation, Ex 0ther Observation : Throughou Explanation : T12 La 1% 1% 100% Current Ra % of Fail Date Total (Years) 100% 100%	Total (Years) 100% 100% Other Observation, Extent : Light, Area A Location : Gas Meter Room Explanation : Covered With Insulation 98% Other Observation, Extent : Moderate, Ar Location : Throughout Explanation : T12 Lamps 1% 1% 100%	% of TotalFail Date (Years)Estimated Cost FYYear FY100%2017100%201700%0ther Observation, Extent : Light, Area Affected Location : Gas Meter Room Explanation : Covered With Insulation98%20170ther Observation, Extent : Moderate, Area Affected Location : Throughout Explanation : T12 Lamps1%2017100%2017100%2017100%2017100%2017100%2017100%2017100%2017100%2017100%2017100%2017100%2017	% of TotalFail Date (Years)Estimated Cost FYYear Estimated Cost FY100%2017\$29,900100%2017\$29,900100%0ther Observation, Extent : Light, Area Affected : 0% Location : Gas Meter Room Explanation : Covered With Insulation2017\$381,10098%2017\$381,1000ther Observation, Extent : Moderate, Area Affected : 100% Location : Throughout Explanation : T12 Lamps2017\$381,1001%2017\$3,9001%2017\$1,5001%2017\$1,700100%2017\$1,700100%2017\$1,700	% of TotalFail Date (Years)Estimated Cost FYCycle (Yrs)100%2017\$29,9005100%2017\$29,9005100%0ther Observation, Extent : Light, Area Affected : 0% Location : Gas Meter Room Explanation : Covered With Insulation1098%2017\$381,100100ther Observation, Extent : Moderate, Area Affected : 100% Location : Throughout Explanation : T12 Lamps101%2017\$1,5001010%2017\$1,5001010%2017\$1,7001100%2017\$1,7001100%2017\$1,7001	% of TotalFail Date (Years)Estimated Cost FYYear FYEstimated Cost (Yrs)Estimated Cost (Yrs)100%2017\$29,9005\$100100%0ther Observation, Extent : Light, Area Affected : 0% Location : Gas Meter Room Explanation : Covered With Insulation98%2017\$381,10010\$10,7000ther Observation, Extent : Moderate, Area Affected : 100% Location : Throughout Explanation : T12 Lamps.10\$10,7001%2017\$1,500101%2017\$1,50010.100%2017\$1,5001.1%2017\$1,5001.100%2017\$1,5001.1%2017\$1,5001.100%2017\$1,5001.1%2017\$1,5001.100%2017\$1,7001.100%2017\$1,7001.100%2017\$1,7001.100%Fail DateEstimated Cost FYFail DateCycle CycleEstimated Cost (Yrs)

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

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

NEW YORK PUBLIC LIBRARY - 035 SOUNDVIEW BRANCH LIBRARY

Asset # : 13367

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
entilation								
Exhaust Fans								
Roof	100%			2024	\$9,300	2	\$400	
lumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2032	* *	1		
Water Heater								
Gas Fired	100%			2017	\$2,700	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	\$11,000	4	\$1,600	
Fixtures								
Generic	100%							

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

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: ST. AGNES BRANCH LIBRARY							
Address	: 444 AMSTERDAM AVE. @ WEST 81ST ST.							
Borough	: MANHATTAN	Agency's Number	: S01					
Program / Asset #	: NPL0S01.000 / 13363	Yr Built/Renovated	: 1906 / 2009					
Area Sq Ft	: 20,900	Project Type	: NEW YORK PUBLIC LIBRARY					
Date of Survey	: 15-Jul-2013	Landmark Status	: EXTERIOR, HISTORICAL DISTRICT					
Areas Surveyed	: Basement, Roof, Floors 1,2,3,4							
Block	: 1229 Lot : 31	BIN	: 1032683					

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$152,800	
Interior Architecture	\$145,300	
Mechanical		\$87,500
Total	\$298,100	\$87,500
Importance Code A	\$152,800	
Importance Code B	\$145,300	\$87,500
Total	\$298,100	\$87,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				\$44,100
Interior Architecture	\$2,500			\$600
Electrical	\$2,300	\$2,000	\$2,000	\$2,400
Mechanical	\$3,400	\$2,300	\$5,000	\$3,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$12,200	\$8,200	\$10,900	\$54,700
Importance Code A	\$1,000	\$1,000	\$1,000	\$45,200
Importance Code B	\$10,000	\$7,100	\$9,900	\$9,500
Importance Code C	\$1,200			
Total	\$12,200	\$8,200	\$10,900	\$54,700



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 # : 13363

Architecture	Current Repair Fut			Futur	e Replacement	Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	45%	Now	\$152,800	LIFE	* *	5	\$23,400	
			l, Extent : Moderat	e, Area A	Affected : 25%			
		e : West Fa						
			: Moderate, Area	Affected	: 25%			
	Location	a : West Fa	cade					
Masonry: Limestone	50%			LIFE	* *	5	\$19,500	
Metal Panel	5%			2050	* *	5-10	\$17,900	
Windows								
Metal Louvers	5%			2033	* *	10	\$1,900	
Wood	95%			2040	* *	5	\$56,600	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	\$1,700	
Masonry: Limestone	25%			LIFE	* *	5	\$1,100	
Metal Panel	15%			2050	* *	5	\$2,000	
Metal Rail	5%			2041	* *	5-10	\$3,100	
Pre-Cast Concrete	5%			LIFE	* *	5	\$1,100	
Roof						4.0	* • • • • •	
Modified Bitumen	85%			2032	* *	10	\$9,100	
Skylight, Metal/Glass	5%			2050	* *	10	\$1,800	
Sloped Glazing	10%			LIFE	* *	5	\$14,400	
terior								
Floors	1.00/			LIDE	* *	5	¢< 900	
Cast in Place Concrete Ceramic Tile	10% 5%			LIFE 2037	* *	5 5	\$6,800 \$1,600	
Marble Panels	5% 5%			2057 LIFE	* *	5	\$1,600 \$1,200	
Vinyl Tile	3% 15%			2029	* *	3	\$1,200	
Wood	13% 65%	Now	\$145,300	2029	* *	5	\$2,500	
wood			\$145,500 Extent : Moderate,			5	\$19,100	
		e : Through		1110011	ecieu : 5070			
Interior Walls	Locunon	. 1110ugn						
Ceramic Tile	5%			2037	* *	5	\$2,300	
Glass: Single Pane	5% 5%			LIFE	* *	5	\$2,300 \$1,700	
Gypsum Board	25%			LIFE	* *	5	\$6,900	
Plaster	23% 60%			LIFE	* *	5	\$8,300	
Wood	5%			LIFE	* *	5	\$9,200	
Ceilings	570					5	ψ,200	
Gypsum Board	25%			LIFE	* *	5	\$9,800	
Plaster	25% 75%			LIFE	* *	5	\$14,700	
	1270					2	<i>\$</i> 1,,,00	

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

Under 600 Volts

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

Asset # : 13363

Electrical		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	**	5	\$100	
		servation, E 1 : Electrico	Extent : Moderate, A	Area Ађе	ectea : 100%			
			u Koom Service Switch Ra	tad @ 16	600 Amparas			
Switchgear / Switchboard	Елрини	non . main	Service Switch Ru		ioo Amperes			
Fused Disc Sw	100%			2050	* *	5	\$100	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5		
Molded Case Bkrs	90%			2046	* *	5	\$500	
Wiring	1000				de ale			
Thermoplastic	100%			2050	* *	1		
Motor Controllers	1000/			2041	* *	F	\$100	
Locally Mounted Ground	100%			2041		5	\$100	
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
Lighting							+++++	
Interior Lighting								
Fluorescent	15%			2032	* *	10	\$2,900	
	T-5 Lamp	s, Extent : l	Moderate, Area Aff	ected : 1	00%			
	Location	ı : Offices,	Basement					
Fluorescent	85%			2032	* *	10	\$16,300	
	Other Obs	servation, E	Extent : Moderate, 1	Area Affe	ected : 100%			
		ı : Reading						
	Explana	tion : Com	pact Fluorescent L	ight Fixtı	ures			
Egress Lighting	5 00/				de ale	10	*~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
Emergency, Battery	50%			2032	* *	10	\$2,500	
Exit, LED	50%			2059	* *	1		
Exterior Lighting HID	100%			2032	* *	10	\$100	
Alarm	100%			2032		10	\$100	
Security System								
Generic	100%			2032	* *	1	\$7,800	
		servation, E	Extent : Moderate, 1		ected : 100%		1 -)	
	Location	ı : Through	out The Building					
	Explana	tion : C C I	TV Surveillance C	'ameras				
Fire/Smoke Detection								
Generic	100%			2032	* *	1-3	\$13,300	
			Extent : Moderate, 1	Area Affe	ected : 100%			
			out The Building		a			
	Explana	tion : Mani	ual Pull Station, Str	robe Ligh	its, Smoke Detecto	rs And H	orns	

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

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

Asset # : 13363

Machaniaal		ASSEL # . 13					
Mechanical	Current Repair Future Replacemen				ent Maintenance		
System Component Type	% of Fail Da Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating							
Energy Source							
Natural Gas	100%		2044	* *	1		
Conversion Equipment							
Hot Water Boiler	100%	T T 1 . A	2037	* *	1	\$10,300	
		n, Extent : Light, Area ment Boiler Room	Affectea	: 100%			
Distribution	Explanation : 3	Units					
Hot Wtr Piping/Pump	100%		2040	* *	4	\$1,000	
Terminal Devices	10070		2040		4	\$1,000	
Air Handler	30%		2029	* *	1	\$3,900	
Convector/Radiator	70%		2029	* *	1	\$4,700	
Air Conditioning	7070		2037		1	ψ+,700	
Energy Source							
Electricity	100%		2040	* *	1		
Conversion Equipment							
Int Pkg Unit - Cooling	30%		2025	\$87,500	2	\$400	
6 6		Extent : Light, Area A	ffected :				
	Location : Baser	ment					
Ext Pkg Unit - Cooling	70%		2029	* *	2	\$900	
	R-22 Refrigerant,	Extent : Light, Area A		70%	_	+2.00	
	Location : Roof						
Heat Rejection							
Remote Air Cond	30%		2029	* *	2	\$4,400	
No Component	70%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,700	
Exhaust Fans							
Interior	30%		2029	* *	2	\$200	
Roof	70%		2029	* *	2	\$500	
Plumbing							
H/C Water Piping	1000/		a				
Brass/Copper	100%		2034	* *	1		
Water Heater	1000/		2022	#F 300	2	***	
Gas Fired	100%		2022	\$5,300	2	\$300	
Sanitary Piping	1000/		LIDE	* *	1		
Cast Iron	100%		LIFE	<u> </u>	1		
Storm Drain Piping Cast Iron	1000/			* *	1		
	100%		LIFE		1		
Sump Pump(s)	100%		2024	\$12,000	4	\$1,600	
Rigid Piping Backflow Preventer	100%		2024	\$12,000	4	\$1,000	
Generic	100%		2029	* *	1	\$1,300	
Fixtures	10070		2029		1	φ1,300	
Generic	100%						
Vertical Transport	100/0						

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 # : 13363

Mechanical	Current Repair	Future Repla	cement	М	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Lig	ht, Area Affected : 100%				
	Location : B-4					
	Explanation : 1 Unit					
Fire Suppression						
Sprinkler						
No Component	75%					
Generic	25%	2044	* *	1-2	\$1,500	

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

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

NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: ST. GEORGE LIBRARY CENTER		
Address	: 5 CENTRAL AVE. 10 HYATT ST.		
Borough	: STATEN ISLAND	Agency's Number	: S02
Program / Asset #	: NPL0S02.000 / 13364	Yr Built/Renovated	: 1907 / 1986
Area Sq Ft	: 25,029	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 21-Jun-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,3		
Block	: 5 Lot : 74	BIN	: 5000030

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$457,500	
Interior Architecture	\$39,800	
Electrical		\$1,246,100
Mechanical		\$336,300
Total	\$497,300	\$1,582,500
Importance Code A	\$457,500	
Importance Code B	\$39,800	\$1,582,500
Total	\$497,300	\$1,582,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$56,700			\$10,600
Interior Architecture	\$53,100	\$1,100		\$14,500
Electrical	\$2,700	\$2,800	\$3,000	\$2,300
Mechanical	\$33,000	\$4,700	\$20,900	\$5,300
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$153,400	\$16,500	\$31,800	\$40,600
Importance Code A	\$58,000	\$1,200	\$1,200	\$11,800
Importance Code B	\$88,200	\$14,200	\$30,600	\$28,800
Importance Code C	\$7,200	\$1,100		
Total	\$153,400	\$16,500	\$31,800	\$40,600



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

Asset # : 13364

rchitecture		Current Repair Future Replacement			e Replacement	ent Maintenance		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls	5%	2-4	\$4.700		* *	5	¢9.200	
Cast in Place Concrete	Cracking/		\$4,700 , Extent : Light, Art pout	LIFE ea Affecte		5	\$8,300	
Masonry: Brick			\$54,700 d, Extent : Light, A cout	LIFE rea Affec	* * ted : 20%	5	\$18,300	
Masonry: Granite	0		\$9,800 , Extent : Light, Ar pout	LIFE ea Affecte	* * ed : 10%	5	\$1,200	
Masonry: Limestone			\$126,200 d, Extent : Light, A yout	LIFE rea Affec	* * ted : 10%	5	\$8,700	
Windows								
Aluminum			\$70,100 nents, Extent : Seve out	2040 re, Area	* * Affected : 50%	5	\$2,100	2
	Location	n : Through		Area Affe	ected : 25%			
Wood	25%	tion : Storn	\$11,700	2040	* *	5	\$10,600	
wood	Deteriora Location	ted Finish, n : Through	Extent : Moderate, out	Area Afj	fected : 25%	5	\$10,000	
	-	cked, Exten n : Through	t : Moderate, Area cout	Affected	: 25%			
Wood	25%	-		2040	* *	5	\$21,100	
Parapets								
Copper/Terne			\$5,400 , Extent : Light, Art cout	2044 ea Affecte	* * ed : 10%	5	\$1,000	
Masonry: Limestone			\$1,500 d, Extent : Light, A tout	LIFE rea Affec	* * ted : 10%	5	\$200	

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

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

Asset # : 13364

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
Exterior								
Roof								
Copper/Terne	7%	0-2	\$2,900	2039	* *			1
		ssing Elen : Through	nents, Extent : Seve out	re, Area	Affected : 40%			
Single Ply Membrane	20%	0-2	\$20,900	2034	* *			
		aged Flash : Over Fii	ings, Extent : Mod st Floor	erate, Ar	ea Affected : 20%			
	Seams Ope	en/Split, Ex	tent : Moderate, A	rea Affec	cted : 15%			
	Location	: Over Fin	st Floor					
Skylight, Metal/Glass	3%	2-4	\$68,700	2044	* *			
	Cracking/	Crumbling,	Extent : Light, Are	a Affect	ed : 20%			
	Location	: Through	out					
Slate	70%	Now	\$137,800	LIFE	* *			1
		ssing Elen : Through	ients, Extent : Mod out	erate, Ar	ea Affected : 100%	ó		
		-	Extent : Severe, A	rea Affec	cted : 60%			
	-	: Through		55				
nterior								
Floors								
Carpet	75%			2023	\$355,400	3	\$56,200	
Cast in Place Concrete	5%			LIFE	* *	5	\$4,100	
Ceramic Tile	5%	2-4	\$1,800	2033	* *	5	\$900	
	-	Crumbling, : Through	Extent : Light, Are out	a Affecto	ed : 10%			
Terrazzo	5%			LIFE	* *	5	\$1,500	
Vinyl Tile	10%	2-4	\$3,200	2029	* *	3	\$1,400	
	Cracking/	Crumbling,	Extent : Light, Are	a Affect	ed : 10%			
	Location	: Through	out					
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$2,200	
Concrete Masonry Unit	5%			LIFE	* *	5	\$900	
Gypsum Board	40%	2-4	\$7,200	LIFE	* *	5	\$10,500	
	0	Crumbling, : Through	Extent : Light, Are out	a Affecto	ed : 10%			
Plaster	50%			LIFE	* *	5	\$6,600	
	Cracking/	Crumbling, : Through	Extent : Light, Are		ed : 20%		. ,	

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

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

Asset # : 13364

Architecture	Curr	ent Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail D Total (Yea	Date Estimated Cost rs)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
iterior							
Ceilings AcousTile,Adhered	10% 2-4 Cracking/Crumb Location : Thro	ling, Extent : Light, An	2037 ea Affected	* * ! : 10%	5	\$2,000	
AcousTileSusp.Lay-In	5% 2-4 Cracking/Crumb Location : Thre	ling, Extent : Moderat	2037 e, Area Affe	* * ected : 20%	5	\$1,000	
Exposed Struc: Wood	35% 4+ Water Penetratio Location : Thre	on, Extent : Light, Arec	LIFE Affected :	* * 10%			
Gypsum Board	50% Now Water Penetratio Location : First	on, Extent : Light, Arec	LIFE Affected : .	* *	5	\$24,800	
Electrical	Curr	ent Repair	Future	Replacement	Μ	aintenance	
ystem Component Type	% of Fail D Total (Yea	Date Estimated Cost rs)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts			•				
Switchgear / Switchboard Molded Case Bkrs	Location : Elec	on, Extent : Moderate, trical Room Aain Service Switch Ro			5 Switchbo	\$700 ard	
Raceway	1000/		2024	* *	1		
Conduit Panelboards	100%		2034	* *	I		
Molded Case Bkrs	100%		2032	* *	5	\$700	
Wiring Thermoplastic	100%		2034	* *	1		
Motor Controllers Motor Control Center	100%		2029	* *	5	\$700	
round Grounding Devices Not Accessible	100%						
ighting							
Interior Lighting Fluorescent	2% Other Observatic Location : Hall	on, Extent : Moderate, 'ways	2024 Area Affect	\$16,400 ted : 100%	10	\$500	
		Compact Fluorescent I	ight Fixtur	es			
	98%	ent : Moderate, Area A	2024 affected : 10	\$804,200	10	\$22,500	
Fluorescent	-	oughout The Building					
Fluorescent Egress Lighting Emergency, Battery	-		2024	\$16,700	10	\$3,000	

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

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

Asset # : 13364

			Asset # : 13	004				
Electrical		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
ighting								
Exterior Lighting								
HID	100%			2024	\$93,700	10	\$100	
Alarm								
Security System Generic	1000/			2024	¢75 000	1	¢0,400	
Generic	100% Other Ob	servation F	Extent : Moderate, A	2024 Area Affe	\$75,000 ctad : 100%	1	\$9,400	
			nd Outside The Bui		cieu . 10070			
			TV Surveillance C	-	And Intrusion Alar	m System		
Fire/Smoke Detection								
Generic	100%			2024	\$256,900	1-3	\$15,400	
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	cted : 100%			
		-	out The Building					
	Explana	tion : Strob	e Lights, Manual H	Pull Statio	on And Smoke Dete	ectors		
Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System	% of		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Component	76 OI Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	FIIOIIty
Туре		()				()		
Ieating								
Energy Source	1000/			2024	* *	1		
Natural Gas	100%			2034		1		
Conversion Equipment Hot Water Boiler	100%			2029	* *	1	\$12,400	
Hot water Boner		servation H	Extent : Moderate, A			1	\$12,400	
		ı : Cellar	meni : moueraie, i	neunge	cica : 10070			
			oment Selected For	Replace	ment In The Near I	Future		
Distribution	1	1 1		1				
Hot Wtr Piping/Pump	100%	0-2	\$24,900	2032	* *	4	\$1,200	
	Corroded	Extent : Se	evere, Area Affected	d : 100%				
	Location	ı : Boiler R	oom And Througho	ut				
Terminal Devices								
Air Handler								
	30%			2029	* *	1	\$4,600	
Convector/Radiator	10%			2029	* *	1 1	\$800	
Convector/Radiator Fan Coil Unit/Heat	10% 40%			2029 2024	* * \$148,500	1	\$800 \$3,200	
Convector/Radiator	10% 40% 20%			2029 2024 2029	* * \$148,500 * *	-	\$800	
Convector/Radiator Fan Coil Unit/Heat	10% 40% 20% Other Obs	servation, E	Extent : Light, Area	2029 2024 2029 Affected	* * \$148,500 * * : 100%	1	\$800 \$3,200	
Convector/Radiator Fan Coil Unit/Heat	10% 40% 20% Other Obs Location	servation, E 1 : Through	out First And Seco	2029 2024 2029 Affected nd Floor	** \$148,500 ** : 100% s	1	\$800 \$3,200	
Convector/Radiator Fan Coil Unit/Heat Fan Coil Unit/Heat	10% 40% 20% Other Obs Location	servation, E 1 : Through	-	2029 2024 2029 Affected nd Floor	** \$148,500 ** : 100% s	1	\$800 \$3,200	
Convector/Radiator Fan Coil Unit/Heat Fan Coil Unit/Heat Air Conditioning	10% 40% 20% Other Obs Location	servation, E 1 : Through	out First And Seco	2029 2024 2029 Affected nd Floor	** \$148,500 ** : 100% s	1	\$800 \$3,200	
Convector/Radiator Fan Coil Unit/Heat Fan Coil Unit/Heat Air Conditioning Energy Source	10% 40% 20% Other Obs Location Explana	servation, E 1 : Through	out First And Seco	2029 2024 2029 Affected nd Floor Coil Unit	** \$148,500 ** : 100% s	1	\$800 \$3,200	
Convector/Radiator Fan Coil Unit/Heat Fan Coil Unit/Heat Air Conditioning Energy Source Electricity	10% 40% 20% Other Obs Location	servation, E 1 : Through	out First And Seco	2029 2024 2029 Affected nd Floor	** \$148,500 ** : 100% s s Observed	1	\$800 \$3,200	
Convector/Radiator Fan Coil Unit/Heat Fan Coil Unit/Heat Air Conditioning Energy Source Electricity Conversion Equipment	10% 40% 20% Other Ob: Location Explana 100%	servation, E 1 : Through	out First And Seco	2029 2024 2029 Affected nd Floor Coil Unit	** \$148,500 ** : 100% s s Observed	1	\$800 \$3,200 \$1,600	
Convector/Radiator Fan Coil Unit/Heat Fan Coil Unit/Heat Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating	10% 40% 20% Other Obs Location Explana	servation, E 1 : Through	out First And Seco	2029 2024 2029 Affected nd Floor Coil Unit	** \$148,500 ** : 100% s s Observed **	1 1 1	\$800 \$3,200	
Convector/Radiator Fan Coil Unit/Heat Fan Coil Unit/Heat Air Conditioning Energy Source Electricity Conversion Equipment	10% 40% 20% Other Ob: Location Explana 100%	servation, E 1 : Through	out First And Seco	2029 2024 2029 Affected nd Floor Coil Unit	** \$148,500 ** : 100% s s Observed **	1 1 1	\$800 \$3,200 \$1,600	
Convector/Radiator Fan Coil Unit/Heat Fan Coil Unit/Heat Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller	10% 40% 20% Other Ob: Location Explana 100%	servation, E 1 : Through	out First And Seco	2029 2024 2029 Affected nd Floor Coil Unit 2040 2029	** \$148,500 ** : 100% s s Observed **	1 1 1 1	\$800 \$3,200 \$1,600	

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

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

Asset # : 13364

Mechanical	Current Repair	Euturo	Replacement	м	aintenance	
System	% of Fail Date Estimated		Stimated Cost		Estimated Cost	Duiouit
Component Type	Total (Years)	FY	Istimated Cost	(Yrs)	Estimated Cost	Priority
Air Conditioning						
Terminal Devices						
Air Handler/Cool/Ht	40%	2029	* *	1	\$6,200	
Fan Coil - Cool/Heat	40%	2024	\$187,800	1	\$3,200	
Fan Coil - Cool/Heat	20%	2029	* *	1	\$1,600	
	Other Observation, Extent : Ligh	t, Area Affected : 1	100%			
	Location : Throughout First An	nd Second Floors				
	Explanation : Dual Temperatur	re Fan Coil Unit O	bserved			
Heat Rejection						
Remote Air Cond	100%	2029	* *	2	\$17,400	
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$14,000	
Exhaust Fans						
Interior	100%	2024	\$27,400	2	\$800	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2034	* *	1		
Water Heater						
Gas Fired	100%	2019	\$5,800	2	\$400	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
Generic	100%	2024	\$2,400	1	\$1,500	
	Other Observation, Extent : Ligh	t, Area Affected : 2	20%			
	Location : Boiler Room					
	Explanation : Boiler Only					
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			
	Other Observation, Extent : Ligh		100%			
	Location : Basement To Second	l Floor				
	Explanation : 2 Units					

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: STAPLETON BRANCH LIBRARY		
Address	: 132 CANAL ST. @WRIGHT ST.		
Borough	: STATEN ISLAND	Agency's Number	: S07
Program / Asset #	: NPL0S07.000 / 13369	Yr Built/Renovated	: 1907 / 2013
Area Sq Ft	: 12,459	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 27-Jun-2014	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1		
Block	: 526 Lot : 63	BIN	: 5013792

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$194,300	\$50,400
Total	\$194,300	\$50,400
Importance Code A	\$194,300	\$50,400
Total	\$194,300	\$50,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		\$6,000		\$35,000
Interior Architecture	\$4,800	\$900		\$5,200
Electrical	\$500	\$500	\$500	\$700
Mechanical	\$2,800	\$3,000	\$4,900	\$2,700
Total	\$8,100	\$10,400	\$5,400	\$43,600
Importance Code A	\$600	\$6,700	\$600	\$35,700
Importance Code B	\$7,500	\$3,800	\$4,700	\$7,600
Importance Code C				\$300
Total	\$8,100	\$10,400	\$5,400	\$43,600



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

Asset # : 13369

rchitecture		nt Repair		e Replacement	M	aintenance	
vstem		-					
Component Type	% of Fail Da Total (Year	s) stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls		***			_	* • • • • •	
Masonry: Brick	25% Now	\$37,700	LIFE	**	5	\$6,300	
	Location : 1907	dent, Extent : Light, A Wing	rea Affe	cted : 50%			
		n, Extent : Moderate, A	Area Affe	cted · 10%			
		rical And Storage Roc					
Masonry: Limestone	5%		LIFE	* *	5	\$900	
Metal Panel	40%		2055	* *	5-10	\$69,300	
		on, Extent : Light, Are		ed : 100%			
	Location : New L	Addition Completed In	ı 2013				
Window Wall	25%		2055	* *	5	\$23,600	
	Recent Constructi	on, Extent : Light, Are	ea Affecte	ed : 100%			
	Location : New L	Addition Completed In	ı 2013				
Wood	5%		2030	* *	5	\$6,300	
		dent, Extent : Light, A					
	Location : Porti	co, Eaves And Panels	Above A	nd Below Windows	5		
Windows Aluminum	65%		2050	* *	5	\$2,200	
Alumnum		on, Extent : Light, Are		ed : 100%	5	φ2,200	
		Addition Completed In					
Wood	35%		2033	* *	5	\$12,100	
	Recent Repair Evi	dent, Extent : Light, A	rea Affe	cted : 50%			
	Location : 1907	Wing					
Roof	504		2052	ste ste	10	\$2.7 00	
Copper/Terne	5%		2053	* * *	10	\$3,700	
Modified Bitumen	60% Recent Constructi	on, Extent : Light, Are	2035		10	\$17,600	
		Addition Completed In		<i>a</i> . 10070			
Skylight, Plastic	5%		2045	* *	1		
Wood Shingles	30% Now	\$156,600	2040	* *			
	Broken/Missing E Location : 1907	lements, Extent : Seve Wing	re, Area	Affected : 20%			
		Miss, Extent : Moder/	ate, Area	Affected : 25%			
	Split/Cracked, Ext Location : 1907	ent : Moderate, Area Wing	Affected	: 25%			
		ent : Moderate, Area	Affected	: 50%			

Interior

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

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

Asset # : 13369

chitecture	Curren	t Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
rior							
Floors							
Carpet	10%		2027	* *	3	\$2,800	
Cast in Place Concrete	10%		LIFE	* *	5	\$4,100	
	Water Penetration, Location : Basem	Extent : Moderate, A ent	Area Affe	cted : 5%			
Cast in Place Concrete	50% Now Cracking/Crumblin Location : Near M	\$4,800 g, Extent : Moderate Iain Entrance	LIFE , Area Aj	* * fected : 5%	5	\$20,400	
Ceramic Tile	5%		2040	* *	5	\$900	
Wood	25%		2040	* *	5	\$8,700	
		ent, Extent : Light, A Ving		eted : 25%	C	<i>\$</i> 0,700	
Interior Walls							
Ceramic Tile	5%		2040	* *	5	\$700	
Glass: Single Pane	30%		LIFE	* *	5	\$3,000	
Gypsum Board	55%		LIFE	* *	5	\$4,400	
		Extent : Light, Area Ving And New Additi		: 100%			
Wood	5%		LIFE	* *	5	\$2,700	
	Other Observation, Location : 1907 W	-		cted : 100%		, ,	
	Explanation : Rec	ent Installation					
Wood	5%		LIFE	* *	5	\$2,700	
Ceilings							
Exposed Struc: Wood	65% Other Observation, Location : 2013 A Explanation : Rec		LIFE Area Affe	* * cted : 100%			
Gypsum Board	10%		LIFE	* *	5	\$2,400	
Plaster	25%		LIFE	* *	5	\$3,000	
	Recent Repair Evid Location : 1907 A	ent, Extent : Light, A ddition	rea Affec	eted : 50%			
ectrical	Curren	t Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
der 600 Volts							
Service Equipment				<u>-</u>	_		
Fused Disc Sw	Location : Electri				5	\$100	
0 1.1	Explanation : 1-8	800 Amps Main Disc	onnect Sv	vitch			
Switchgear / Switchboard Fused Disc Sw	100%		2055	* *	5	\$100	
Raceway							
Conduit	100%		2055	* *	1		

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

Asset # : 13369

Flootrical		Asset # . To		- Doulos		aintenance	
Electrical	Current	Current Repair Future Replacement			M		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Panelboards							
Fused Disc Sw	10%		2050	* *	5		
Molded Case Bkrs	90%		2050	* *	5	\$300	
Wiring							
Thermoplastic	100%		2055	* *	1		
Motor Controllers							
Locally Mounted	100%		2045	* *	5	\$100	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
Lighting							
Interior Lighting							
Fluorescent	97%		2035	* *	10	\$11,100	
	Other Observation,		Area Affe	ected : 100%			
	Location : Through	hout The Building					
	Explanation : T-8	Lamps					
Fluorescent	3%		2035	* *	10	\$300	
	Compact Fluorescer	nt Light, Extent : Ma	oderate, 1	Area Affected : 100	0%		
	Location : Through	hout The Building					
Egress Lighting							
Exit, LED	30%		2065	* *	1		
Exit, Service	10%		2035	* *	1		
Exit, Battery	60%		2035	* *	10	\$500	
Exterior Lighting					-		
HID	100%		2035	* *	10		
Alarm							
Security System							
Generic	100%		2035	* *	1	\$4,700	
Fire/Smoke Detection	20070		_000		1	\$ 1,700	
Generic, Digital	100%		2035	* *			
Generie, Digitai	10070		2033				
Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System							D
Component		e Estimated Cost	Y ear FY	Estimated Cost	-	Estimated Cost	Priority
Туре	Total (Years)		гі		(Yrs)		
leating							
Energy Source							
Natural Gas	100%		2055	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2045	* *	1	\$6,200	
	Other Observation,	Extent : Light, Area	Affected	: 100%		• / -	
	Location : Boiler I	0					
	Explanation : 1 Ga	us Fired Hot Water	Boiler				
Distribution							
Hot Wtr Piping/Pump	100%		2050	* *	4	\$900	
	100/0		2000		•	φ200	

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

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

Asset # : 13369

Mechanical		Current I	ASSEL π . IS		e Replacement	м	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ieating								
Terminal Devices								
Air Handler	50%			2035	* *	1	\$3,900	
Convector/Radiator	50%			2045	* *	1	\$2,000	
			Extent : Light, Area	Affected	: 70%			
	Locatior	t : Through	out Main Library					
	Explana	tion : Unde	er Floor Radiant He	eating Pa	inels			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating	100%			2035	* *	1	\$5,800	
Compr/Chiller								
Distribution								
Chilled Wtr Pipe/Pump	100%			2055	* *	4	\$600	
Terminal Devices	100-						*- - • •	
Air Handler/Cool/Ht	100%			2035	* *	1	\$7,700	
/entilation								
Distribution	1000/				ste ste	2.5	¢ < 000	
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,900	
Exhaust Fans	1000/			2025	ste ste	•	¢ (00	
Roof	100%			2035	* *	2	\$400	
Plumbing								
H/C Water Piping	1000/			2055	* *	1		
Brass/Copper	100%			2055	* *	1		
Water Heater	1000/			2025	¢1.000	4	¢100	
Electric	100%		Sutant . Light Auga	2025	\$1,900	4	\$100	
			Extent : Light, Area Closet And Basem		: 100%			
			nt Of Use Electric		or Unators			
Sonitory Dining	Блріана	11011 . 2 FOI	ni Oj Use Electric	iioi wate	er meuters			
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	100%			LILL		1		
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	100%			LII'E		1		
Rigid Piping	100%			2035	* *	4	\$1,600	
Backflow Preventer	100%			2055		+	φ1,000	
Generic	100%			2035	* *	1	\$800	
Fixtures	100%			2055		1	\$000	
Generic	100%							
Fire Suppression	100/0							
Sprinkler								
No Component	80%							
Generic	20%			2055	* *	1-2	\$700	
Oulicite	20%			2000		1-2	φ/00	

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

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

Print Date: 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: TOMPKINS SQUARE BRANCH LIBRARY							
Address	: 331 EAST 10TH ST. @AVENUE B							
Borough	: MANHATTAN	Agency's Number	: T02					
Program / Asset #	: NPL0T02.000 / 13371	Yr Built/Renovated	: 1904 / 2001					
Area Sq Ft	: 14,703	Project Type	: NEW YORK PUBLIC LIBRARY					
Date of Survey	: 12-Jul-2013	Landmark Status	: EXTERIOR LANDMARK					
Areas Surveyed	: Basement, Roof, Floors 1,3							
Block	: 404 Lot : 39	BIN	: 1005147					

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$80,900
Electrical		\$60,200
Total		\$141,100
Importance Code A		\$80,900
Importance Code B		\$60,200
Total		\$141,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$24,500			
Interior Architecture	\$18,800			\$245,100
Electrical	\$200	\$100	\$14,200	\$300
Mechanical	\$3,200	\$4,300	\$3,800	\$5,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$50,600	\$8,400	\$21,900	\$254,900
Importance Code A	\$25,300	\$700	\$800	\$700
Importance Code B	\$25,400	\$7,700	\$21,200	\$254,100
Importance Code C				
Total	\$50,600	\$8,400	\$21,900	\$254,900



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

Asset # : 13371

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Brick	20%		\$5,100	LIFE	* *	5	\$3,100	
	0	0	Extent : Moderate	, Area A	ffected : 5%			
			l West Facade					
			l, Extent : Moderat	te, Area I	Affected : 25%			
		ı : East And	l West Facade					
Masonry: Limestone	50%			LIFE	* *	5	\$5,900	
Stucco Cement	30%	Now	\$7,400	2029	* *	5	\$5,900	
			xtent : Moderate, A	Area Affe	cted : 10%			
		ı : Above F						
			xtent : Moderate, A	Area Affe	ected : 10%			
	Location	1 : South Fc	icade					
	Explana	tion : Vege	tation Growth					
Windows								
Aluminum	100%		\$12,000	2032	* *	5	\$2,600	
	-		ent : Severe, Area A	Affected :	10%			
	Location	ı : First Flo	or					
Parapets	- - - /				de de	_	** * *	
Masonry: Brick	75%			LIFE	* *	5	\$2,400	
Masonry: Limestone	25%			LIFE	* *	5	\$1,000	
Roof	1000			a . a .	\$20.000	10	#13 000	
Modified Bitumen	100%			2024	\$80,900	10	\$12,800	
terior								
Floors	700/			2020	¢225 (00	2	\$24,100	
Carpet Vinul Tile	70%			2020 2029	\$235,600 * *	3 3	\$34,100 \$3,700	
Vinyl Tile	30%			2029	••	3	\$5,700	
Interior Walls Gypsum Board	050/			LIFE	* *	5	\$14,700	
Plaster	85% 15%			LIFE	* *	5 5	\$14,700 \$1,300	
Ceilings	13%			LIFE		5	\$1,300	
AcousTile,Adhered	45%			2037	* *	5	\$11,000	
AcousTileConcealSpLn		Now	\$200	2037	* *	5	\$11,000	
Acoust neconcealspLi			\$200 xtent : Moderate, A			5	\$800	
			or Staff Room	пеи Ајје	cicu . 10/0			
A coustile Suce I on Ir	30%			2037	* *	5	\$7,300	
AcousTileSusp.Lay-In Gypsum Board	30% 10%			2037 LIFE	* *	5 5	\$7,300 \$3,000	
Plaster	10%			LIFE	* *	5 5	\$3,000	
r lastel	10%			LIFE		3	\$1,300	

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

Under 600 Volts

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

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

Asset # : 13371

Electrical	Current R	epair	Future Replacement Maintenance				
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2044	* *	5	\$100	
	Other Observation, Ex		Area Affe	cted : 100%			
	Location : Electrica						
	Explanation : Two M	Iain Disconnect S	witches I	Rated At 400 Amps	Each		
Switchgear / Switchboard	1000/				-	¢100	
Fused Disc Sw	100%		2044	* *	5	\$100	
Raceway	1000/						
Conduit	100%		2044	* *	1		
Panelboards	1000/		20.40		-	* 400	
Molded Case Bkrs	100%		2040	* *	5	\$400	
Wiring	1000/		2011	ale ale			
Thermoplastic	100%		2044	* *	1		
Motor Controllers	1000/		2027	* *	_	¢100	
Locally Mounted	100%		2037	* *	5	\$100	
Ground							
Grounding Devices	1000/		LIFE	* *	5	¢200	
Generic	100% Other Observation, Ex	tont . Madanata			5	\$200	
	Location : Electrica		ireu Ajje	cieu. 10070			
	Explanation : Conne		lator Din				
Lighting	Explanation . Conne		uter I ip	e			
Interior Lighting							
Fluorescent	100%		2029	* *	10	\$13,500	
Tuorescent	Other Observation, E	ctent : Moderate. A		cted : 100%	10	ψ15,500	
	Location : Througho						
	Explanation : T-8 La						
Egress Lighting	1	I T					
Exit, Service	50%		2029	* *	1		
Exit, Battery	50%		2029	* *	10	\$500	
Exterior Lighting					-	1	
HID	100%		2024	\$60,200	10		
Alarm				,	-		
Security System							
No Component	80%						
Generic	20%		2029	* *	1	\$1,100	
Fire/Smoke Detection							
Under Construction	100%						

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Energy Source				
Natural Gas	100%	2044 **	1	

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

Asset # : 13371

Mechanical		Current I	Repair	Futur	e Replacement	ent Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Ieating									
Conversion Equipment Hot Water Boiler	Location		Extent : Light, Area at Boiler Room it	2037 Affected	* *	1	\$7,300		
Distribution Hot Wtr Piping/Pump	100%			2032	* *	4	\$700		
Terminal Devices Air Handler	30%			2029	* *	1	\$2,700		
Convector/Radiator	70%			2029	* *	1	\$3,300		
Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller	100% 80%			2032 2029	**	1	\$5,500		
Ext Pkg Unit - Cooling	Location	e : Basemen igerant, Ex	tent : Light, Area A tt tent : Light, Area A	2024	\$14,700	2	\$200		
Terminal Devices Air Handler/Cool/Ht No Component	80% 20%			2029	* *	1	\$7,300		
Heat Rejection Air Condenser Unit No Component	80% 20%			2024	\$25,500	2	\$8,200		
Ventilation									
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,200		
Exhaust Fans Interior	Other Obs Location	: Basemer	\$600 Extent : Severe, Are ht e Is No Vent For G		* * d : 5%	2	\$300		
Roof	30%			2024	\$3,800	2	\$100		
Plumbing	2070			_3_1	42,000	-	4100		
H/C Water Piping Brass/Copper	100%			2034	* *	1			
Water Heater Gas Fired	100%			2022	\$3,700	2	\$200		
Sanitary Piping Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping Cast Iron	100%			LIFE	* *	1			
Sump Pump(s) Rigid Piping	100%			2024	\$12,000	4	\$1,600	_	

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

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

Asset # : 13371

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Plumbing				
Fixtures				
Generic	100%			
Vertical Transport				
Elevators				
Hydraulic	100%	LIFE **		
-	Other Observation, Extent : Light, A	rea Affected : 100%		
	Location : B-3			
	Explanation : 1 Unit			

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: TREMONT BRANCH LIBRARY		
Address	: 1866 WASHINGTON AVE. @E. 176 ST		
Borough	: BRONX	Agency's Number	: T04
Program / Asset #	: NPL0T04.000 / 13373	Yr Built/Renovated	: 1905 / 2006
Area Sq Ft	: 11,900	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 16-Jan-2008	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2,3		
Block	: 2918 Lot : 1	BIN	: 2009573

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$163,800	
Electrical	\$152,200	
Mechanical	\$45,600	\$35,200
Total	\$361,500	\$35,200
Importance Code A	\$163,800	
Importance Code B	\$197,700	\$35,200
Total	\$361,500	\$35,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$61,100			
Interior Architecture	\$45,700	\$100		\$13,600
Electrical	\$20,300	\$6,000	\$38,000	
Mechanical	\$17,300	\$1,700	\$55,600	\$1,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$148,300	\$11,700	\$97,600	\$19,300
Importance Code A	\$61,700	\$600	\$600	\$600
Importance Code B	\$70,400	\$11,100	\$97,000	\$18,700
Importance Code C	\$16,200			



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

Asset # : 13373

rchitecture		Current R	epair	Futur	Future Replacement Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	20%			LIFE	* *	5	\$5,900	
	-		, Extent : Light, A	rea Affe	cted : 25%			
	Location	a : Street Fac	cades					
Masonry: Brick	40%	Now	\$70,200	LIFE	* *	5	\$11,700	
			Extent : Moderat		Affected : 30%			
	Location	a : North Fac	cade,West Facade					
	1 0		lerate, Area Affect		0			
			cade,West Facade					
			Moderate, Area		: 20%			
	Location	e : North Fac	cade,West Facade					
Masonry: Granite	5%			LIFE	* *	5	\$1,100	
Masonry: Limestone	5%			LIFE	* *	5	\$1,100	
Metal, Corrugated	5%			2029	* *	1		
Stucco Cement	25%	Now	\$21,100	2032	* *	5	\$9,200	
	ē	0	Extent : Moderate	, Area Aj	ffected : 20%			
		a : East Face						
			tent : Moderate, A	Area Affe	ected : 100%			
		e : East Face						
	Explana	tion : Cemer	nt Parge Coat ove	r brick				
Windows	2					_	¢100	
Glass Block	2%		* 2 = 0.00	LIFE	* *	5	\$100	
Wood	98%	Now	\$37,000	2027	* *	5	\$24,800	
			Extent : Moderate,	Area Afj	fected : 50%			
		: Througho		A.CC . 1	200/			
			Moderate, Area	Affected	: 20%			
	Location	e : Througho	ш					

Note: 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 # : 13373

rchitecture		Current F	Repair	Futur	e Replacement	М	aintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
terior									
Parapets	50/	N	¢4.500	LIPE	* *	_	¢1 400		
Cast Stone/Terra Cotta	5% Cuashing/	Now	\$4,500	LIFE		5	\$1,400		
			Extent : Moderate At East And North I		<i>Jeclea</i> : 20%				
			l, Extent : Moderat	-	facted . 35%				
			t, Extent . Moderal At East And North I		gjecieu . 55%				
					* *	5	¢2.000		
Masonry: Brick	55% Creeking/	Now	\$33,900 Extent : Moderate	LIFE		5	\$2,000		
				, Area Aj	<i>Jeclea</i> : 25%				
		Location : Interior Face Throughout Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
	Location : Throughout								
		0	: Moderate, Area A	Affactad	. 250/				
		: Through		тујестен	2370				
		. Iniougn	011	LIPP	* *	~	¢000		
Masonry: Brick	25% 10%			LIFE	* *	5 5	\$900 \$500		
Masonry: Limestone		Nam	¢1 (00	LIFE	* *		\$500 \$200		
Masonry: Sandstone	5% Int Mortar	Now Miss/From	\$1,600 L Extent - Moderat	LIFE		5	\$200		
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%								
	Location : Coping At North And East Parapets Worn/Eroded, Extent : Severe, Area Affected : 100%								
			At North And East 1		070				
			Extent : Moderate, A	-	cted · 100%				
			At North And East I		cicu : 10070				
			Material Is Actuall		me.				
Roof				,					
Modified Bitumen	100%	Now	\$56,700	2029	* *				
	Blisters, E.	xtent : Mod	lerate, Area Affecte	ed : 25%					
	Location	: Through	out						
	Water Pen	etration, E	xtent : Moderate, A	rea Affe	cted : 20%				
	Location	: Bulkhead	d And Third Floor						
	Worn/Erod	led, Extent	: Moderate, Area	Affected	: 25%				
	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 # : 13373

Architecture	Current Repair Future Replacement Maintenance						aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Floors								
Carpet		place Evid : Second I	ent, Extent : Light, Floor	2020 Area Affe	\$12,900 ected : 100%	3	\$2,000	
Cast in Place Concrete	10%			LIFE	* *	5	\$2,200	
Ceramic Tile	5%			2032	* *	5	\$500	
		place Evid : Restroor	ent, Extent : Light, ns	Area Affe	ected : 100%			
Marble Panels	5%			LIFE	* *	5	\$400	
Slate	5%			LIFE	* *	5	\$500	
Terrazzo	3%			LIFE	* *	5	\$200	
Vinyl Tile	7%			2027	* *	3	\$300	
		place Evid : Basemer	ent, Extent : Light, 1t	Area Affe	ected : 100%			
Vinyl Tile	Location Loose/Mis Location Worn/Eroo	: Third Fl s Fastener : Third Fl	s, Extent : Severe, A oor t : Severe, Area Aff	Area Affe	cted : 50%	3	\$800	
Wood		pair Evider : First Flo	nt, Extent : Light, A por	2047 Area Affeo	* * cted : 50%	5	\$6,700	
Interior Walls								
Ceramic Tile		place Evid : Restroor	ent, Extent : Light, ns	2032 Area Affe	* * ected : 100%	5	\$1,100	
Gypsum Board		tallation, I : First Flo	Extent : Light, Area oor	LIFE Affected	**	5	\$700	
Plaster	-	pair Eviden : First Flo	nt, Extent : Light, A por	LIFE Area Affeo	* * cted : 25%	5	\$2,000	
Plaster	30%			LIFE	* *	5	\$2,000	
Plaster	Location Cracking/ Location	: Roof Sta Crumbling : Third Fl	\$15,700 nents, Extent : Seve ir, Third Floor At , Extent : Severe, A oor At Custodian A	LIFE re, Area Custodian rea Affec partmen	n Apartment Hed : 25% t	5	\$2,000	
			Extent : Severe, An ir, Third Floor At	00				

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

Asset # : 13373

Architecture	Current Rep	air Futur	Future Replacement		Maintenance				
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Interior									
Ceilings									
AcousTile,Adhered	5%	2032	* *	5	\$500				
Exposed Concrete	5%	LIFE	* *	5	\$100				
Gypsum Board	10%	LIFE	* *	5	\$1,300				
	Recent Installation, Exte Location : First Floor	nt : Light, Area Affected	! : 100%						
Plaster	30%	LIFE	* *	5	\$1,900				
	Recent Repair Evident, 1 Location : First Floor	Extent : Light, Area Affeo	cted : 25%						
Plaster	30%	LIFE	* *	5	\$1,900				
Plaster	20% Now	\$7,900 LIFE	* *	5	\$1,300				
	Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
	Location : Third Floor Custodian Apartment								
	Paint Peeling, Extent : Severe, Area Affected : 50%								
	Location : Third Floor Custodian Apartment								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Third Floor								

Electrical	Current Repair		Future Replacement		Maintenance			
System Component Type	/ 0 0	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2019	\$32,000	5	\$300	
	Other Obse	rvation, Ex	xtent : Moderate, A	rea Affe	ected : 100%			
	Location :	Electrica	l Room					
	Explanation	on : Main	Molded Case Circ	uit Brea	ker In The Switchb	oard And	l Rated At 800a.	
Raceway								
Conduit	95%			2029	* *	1		
Conduit	5%			2045	* *	1		
Panelboards								
Molded Case Bkrs	20%			2027	* *	5	\$100	
Molded Case Bkrs	40%			2041	* *	5	\$100	
Molded Case Bkrs	40%			2018	\$5,900	5	\$100	
Wiring								
Braided Cloth	50%	2-4	\$13,700	2044	* *	1		
	Insulation A	ged, Exter	nt : Severe, Area A	ffected :	100%			
	Location :	Througho	out					
Thermoplastic	30%			2029	* *	1		
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	\$29,900	5	\$100	
Ground					. ,			
Grounding Devices								
Not Accessible	100%							
Lighting								

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

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

Asset # : 13373

		A3361 # . 13	515				
Electrical	Current Repair		Futur	re Replacement	M		
System Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ighting							
Interior Lighting							
Fluorescent	60%		2027	* *	10	\$6,500	
		on, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Thr	0					
	Explanation :	18 Lamps					
Fluorescent	39%		2019	\$152,200	10	\$4,300	
		on, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Thr	0					
	Explanation :	T12 Lamps					
HID	1%		2019	\$1,500	10		
Egress Lighting							
Exit, LED	10%		2054	* *	1		
Exit, Service	45%		2024	\$800	1		
Exit, Battery	45%		2024	\$2,400	10	\$400	
lechanical	Curr	rent Repair	Futur	re Replacement	M	aintenance	
ystem Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
eating							
Energy Source	1000/		2 0 2 0				
Natural Gas	100%		2039	* *	1		
Conversion Equipment	1000/		2022			\$5000	
Hot Water Boiler	100%		2032	* *	1	\$5,900	
Distribution	1000/		2025	* *		ф.coo	
Hot Wtr Piping/Pump	100%		2035	* *	4	\$600	
Terminal Devices	400/		2024	¢05 400	1	¢2,000	
Air Handler	40%		2024	\$25,400	1	\$2,900	

Air Handler	40%	2024	\$25,400	1	\$2,900
Convector/Radiator	60%	2032	* *	1	\$2,300
Conditioning					
Energy Source					
Electricity	100%	2035	* *	1	
Conversion Equipment					
Int Pkg Unit - Cooling	30%	2017	\$45,600	2	\$200
Reciprocating	40%	2027	* *	1	\$2,200
Compr/Chiller					
Ext Pkg Unit -	30%	2019	\$23,300	2	\$200
Heating/Cooling					
Distribution					
Chilled Wtr Pipe/Pump	40%	2039	* *	4	\$200
No Component	60%				
Terminal Devices					
Air Handler/Cool/Ht	40%	2024	\$20,000	1	\$2,900
No Component	60%				

Note : 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 # : 13373

Mechanical	Current Repair Future Replacement Maintenance							
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priorit
Air Conditioning								
Heat Rejection								
Air Condenser Unit	30%			2019	\$7,100	2	\$2,500	
Remote Air Cond	30%			2019	\$21,100	2	\$2,500	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,600	
Exhaust Fans								
Interior	60%			2024	\$7,800	2	\$200	
Roof	40%			2024	\$3,800	2	\$100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	\$35,200	1		
Water Heater								
Gas Fired	100%			2017	\$2,700	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2017	\$11,000	4	\$2,500	
Backflow Preventer								
No Component	95%							
Generic	5%			2024	\$100	1		
	Other Obs	servation, E	Extent : Light, Area	Affected	: 5%			
	Location	1 : Penthou	se Mech. Room					
	Explana	tion : For A	Air Conditioning Sy	stem On	ly			
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
2		servation, E	Extent : Light, Area	Affected	: 100%			
	Location		0.					
	Explana	tion : One	Unit					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
NEW YORK PUBLIC LIBRARY - FY 2016 Print Date: 23-Oct-2015

Asset Name	: WAKEFIELD BRANCH LIBRARY		
Address	: 4100 LOWERRE PLACE @E. 229 ST.		
Borough	: BRONX	Agency's Number	: W01
Program / Asset #	: NPL0W01.000 / 13375	Yr Built/Renovated	: 1938 / 1989
Area Sq Ft	: 10,743	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 04-Jan-2008	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 4832 Lot : 20	BIN	: 2063175

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$60,200
Interior Architecture		\$143,700
Electrical	\$352,200	
Mechanical		\$100,600
Total	\$352,200	\$304,500
Importance Code A		\$60,200
Importance Code B	\$352,200	\$244,300
Total	\$352,200	\$304,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$33,900			\$2,000
Interior Architecture	\$8,700		\$34,900	\$159,000
Electrical	\$1,400	\$9,700	\$12,600	
Mechanical	\$12,600	\$3,200	\$19,600	\$1,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$60,600	\$16,900	\$71,000	\$166,500
Importance Code A	\$35,000	\$1,100	\$1,200	\$3,100
Importance Code B	\$25,700	\$15,800	\$69,800	\$163,400
Importance Code C				
Total	\$60,600	\$16,900	\$71,000	\$166,500



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.

NEW YORK PUBLIC LIBRARY - 035 WAKEFIELD BRANCH LIBRARY

Asset # : 13375

Architecture	Curront	Ponair	Enter	o Poplacoment	_N.4	aintonanco	
	Current l			e Replacement		aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior							
Exterior Walls							
Masonry: Brick	95% Now Jnt Mortar Miss/Eroc Location : Through		LIFE e, Area A	* * Affected : 5%	5	\$22,700	
Masonry: Limestone	5%		LIFE	* *	5	\$900	
Windows Aluminum	100%		2035	* *	5	\$4,000	
Parapets Macongy: Prick	95%		LIFE	* *	5	\$5,200	
Masonry: Brick	93% Recent Replace Evide Location : Through				3	\$5,200	
Masonry: Limestone	5% Recent Repair Evider Location : Through	0	LIFE rea Affec	* * ted : 100%	5	\$300	
Roof Single Ply Membrane	100%		2024	\$60,200	10	\$18,100	
terior							
Floors Carpet	75% Recent Installation, E	-	2020 Affected	\$152,500 : 100%	3	\$24,100	
T	Location : First Flo	oor	LIPE	* *	5	¢	
Terrazzo Vinyl Tile	5% 20% Now Split/Cracked, Extent Location : Basemer		LIFE 2019 cted : 60%	\$27,100	5 3	\$600 \$1,200	
Interior Walls							
Plaster	100% Recent Repair Evider Location : Through		LIFE rea Affec	* * eted : 10%	5	\$9,000	
Ceilings	070/		2024	\$142,700	5	¢15 600	
AcousTile,Adhered Gypsum Board	97% 1%		2024 LIFE	\$143,700 * *	5 5	\$15,600 \$200	
Plaster	2%		LIFE	* *	5	\$200 \$200	
	Recent Repair Evider Location : Through	-	rea Affec	eted : 30%			
lectrical	Current I	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts Service Equipment Molded Case Bkrs	100% Other Observation, E Location : Electrico Explanation : One of	al Room			5	\$300	

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

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

NEW YORK PUBLIC LIBRARY - 035 WAKEFIELD BRANCH LIBRARY

Asset # : 13375

		Asset # :	13375				
Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Co (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Switchgear / Switchboard							
Molded Case Bkrs	100%		2029	* *	5	\$300	
Raceway							
Conduit	90%		2029	* *	1		
Conduit	10%		2039	* *	1		
Panelboards							
Molded Case Bkrs	35%		2027	* *	5	\$100	
Molded Case Bkrs	65%		2018	\$9,600	5	\$200	
Wiring							
Braided Cloth	5%			* *	1		
		Aged, Extent : Moderate,	Area Affecte	ed : 100%			
	Location	n : Basement					
Thermoplastic	5%		2039	* *	1		
Thermoplastic	90%		2029	* *	1		
Motor Controllers							
Locally Mounted	100%		2024	\$29,900	5	\$100	
round							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
ghting							
Interior Lighting							
Fluorescent	90%		2019	\$317,000	10	\$8,900	
		servation, Extent : Modera	ite, Area Affe	cted : 100%			
		ı : Throughout					
	Explana	tion : Using T12 Lamps					
Incandescent	10%		2017	\$35,200	2		
Egress Lighting							
Emergency, Service	50%		2019	\$2,600	1		
Exit, Service	50%		2019	\$800	1		
lechanical			—	- Doulocomout		-:	
ystem	o (_ 0	Current Repair		e Replacement		aintenance	.
Component Type	% of Total	Fail Date Estimated Co (Years)	ost Year FY	Estimated Cost	(Yrs)	Estimated Cost	Priori
eating							
Energy Source							
Natural Gas	100%		2039	* *	1		
Conversion Equipment							
Steam Boiler	100%		2032	* *	1	\$10,600	
Distribution							
Hot Wtr Piping/Pump	30%		2035	* *	4	\$200	
	Other Obs	servation, Extent : Light, A	rea Affected	: 75%			
	Location	ı : Basement Boiler Room					
	Location	ı : Basement Boiler Room tion : Water Coil In Steam	Boiler				
Steam Piping/Pump	Location		Boiler 2039	* *	4	\$400	
Steam Piping/Pump Terminal Devices	Location Explana			* *	4	\$400	

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

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

NEW YORK PUBLIC LIBRARY - 035 WAKEFIELD BRANCH LIBRARY

Asset # : 13375

Mechanical		Current Repair	Replacement	ment Maintenance						
System Component	% of Total	Fail Date Estimated Cost (Years)	Year H FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Туре										
Air Conditioning										
Energy Source	1000/		2025	* *	1					
Electricity	100%		2035		1					
Conversion Equipment	200/		2010	¢7.200	1	¢1.000				
Reciprocating Compr/Chiller	20%		2019	\$7,200	1	\$1,000				
1	700/		2027	* *	2	¢500				
Ext Pkg Unit - Cooling Window/Wall Unit	70% 10%		2027 2017		2 1	\$500				
Terminal Devices	10%		2017	\$2,200	1					
	20%		2019	\$6,600	1					
Direct Expansion	20% 80%		2019	\$6,600	1					
No Component	80%									
Heat Rejection Remote Air Cond	90%		2027	* *	2	¢6 700				
	90% 10%		2027		2	\$6,700				
No Component Ventilation	10%									
Distribution										
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,000				
Exhaust Fans	100%		LIFE		2-3	\$0,000				
Interior	80%		2024	\$9,400	2	\$300				
Roof	80% 20%		2024 2019	\$9,400 \$1,700	2	\$100				
	20%		2019	\$1,700	Z	\$100				
Plumbing H/C Water Piping										
Galv Iron/Steel	100%		2032	* *	1					
Water Heater	10070		2032		1					
Electric	100%		2018	\$1,700	4	\$100				
Sanitary Piping	100%		2018	\$1,700	4	\$100				
Cast Iron	100%		LIFE	* *	1					
Storm Drain Piping	10070				1					
Cast Iron	100%		LIFE	* *	1					
Sump Pump(s)	10070				1					
Submersible	100%		2017	\$6,600	4	\$2,500				
Fixtures	100%		2017	φ0,000	+	φ2,300				
Generic	100%									
Vertical Transport	100%									
Elevators										
Hydraulic	100%		LIFE	* *						
Trydraune		servation, Extent : Light, Area								
	Location	_	<i>i 1</i> yjec <i>ied</i> .	100/0						
		tion : 1 Unit								
	Елриана									

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

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

Print Date: 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: WASHINGTON HEIGHTS BRANCH LIBRARY										
Address	: 1000 ST. NICHOLAS AVE. @W. 160 STREET										
Borough	IANHATTAN Agency's Number : W02										
Program / Asset #	PL0W02.000 / 13376 Yr Built/Renovated : 1905 / 2013										
Area Sq Ft	7,497 Project Type : NEW YORK P	UBLIC LIBRARY									
Date of Survey	1-Feb-2008 Landmark Status : NONE										
Areas Surveyed	asement, Sub Basement, Roof, Floors 1,2,3										
Block	109 Lot : 55 BIN : 1062551										

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$133,200	\$44,600
Interior Architecture	\$161,100	
Electrical	\$539,200	
Mechanical	\$141,000	\$228,600
Total	\$974,400	\$273,100
Importance Code A	\$133,200	\$83,600
Importance Code B	\$841,200	\$189,600
Total	\$974,400	\$273,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$21,700		\$12,600	\$3,500
Interior Architecture	\$74,600	\$300	\$2,900	\$3,200
Electrical	\$23,100	\$4,500	\$76,100	
Mechanical	\$38,200	\$5,200	\$16,900	\$5,200
Total	\$157,600	\$9,900	\$108,500	\$11,800
Importance Code A	\$22,600	\$900	\$15,200	\$4,300
Importance Code B	\$104,900	\$9,100	\$93,300	\$4,700
Importance Code C	\$30,200			\$2,800
Total	\$157,600	\$9,900	\$108,500	\$11,800



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

NEW YORK PUBLIC LIBRARY - 035 WASHINGTON HEIGHTS BRANCH LIBRARY

Asset # : 13376

Component Type T Exterior Exterior Walls Masonry: Brick Jnt 1 Lo Masonry: Granite Masonry: Coranite Masonry: Limestone Jnt 1 Lo Windows Aluminum Jnt 1 Lo Parapets Masonry: Brick Jnt 1 Lo Masonry: Brick Jnt 1 Lo Masonry: Limestone Metal Security Bars Stucco Cement Vert	90% Mortan ocation olling, E ocation 5% Mortan cocation 100% 60% Mortan	(Years) Now Miss/Erod : Through Extent : Mo : East Side Now Miss/Erod : Through Now	Estimated Cost \$133,200 I, Extent : Moderat out derate, Area Affect e Upper Floors And \$14,900 I, Extent : Moderat out \$5,900 I, Extent : Moderat	Year FY LIFE te, Area A d Throug LIFE LIFE te, Area A 2035 LIFE	5 hout ** **	Cycle (Yrs) 5 5 5 5 5	aintenance Estimated Cost \$44,600 \$1,900 \$1,900 \$7,000	Priorit
Component Type 1 Type 1 xterior Exterior Walls Masonry: Brick Masonry: Brick Jnt I Masonry: Granite Masonry: Limestone Jnt I Windows Jnt I Aluminum I Parapets Masonry: Brick Jnt I Masonry: Brick Jnt I Lo I Windows Jnt I Lo Lo Masonry: Brick Jnt I Masonry: Brick Jnt I Lo Masonry: Brick Masonry: Limestone Metal Security Bars Stucco Cement Vertice	90% Mortar ocation ulling, E ocation 5% 5% Mortar ocation 100% 60% Mortar ocation 100% 60% Mortar ocation 100% 60% Mortar ocation 15%	(Years) Now Miss/Erod : Through Extent : Mo : East Side Now Miss/Erod : Through Now	\$133,200 I, Extent : Moderat out derate, Area Affect e Upper Floors And \$14,900 I, Extent : Moderat out \$5,900 I, Extent : Moderat	FY LIFE te, Area A ted : 10% d Throug LIFE LIFE te, Area A 2035 LIFE	* * Affected : 70% 6 hout ** Affected : 25% **	(Yrs) 5 5 5 5	\$44,600 \$1,900 \$1,900	Priorit
Exterior Walls Masonry: Brick Jnt 1 Lo Spail Lo Spail Lo Masonry: Granite Masonry: Limestone Masonry: Brick Jnt 1 Lo Windows Aluminum Parapets Masonry: Brick Jnt 1 Lo Masonry: Limestone Metal Security Bars Stucco Cement Vert	Mortan ocation illing, E ocation 5% 5% Mortan ocation 100% 60% Mortan ocation 15%	· Miss/Eroo : Through Extent : Mo : East Side Now · Miss/Eroo : Through Now · Miss/Eroo	l, Extent : Moderat out derate, Area Affec e Upper Floors An \$14,900 l, Extent : Moderat out \$5,900 l, Extent : Moderat	te, Area A ted : 10% d Throug LIFE LIFE te, Area A 2035 LIFE	Affected : 70% 6 hout ** Affected : 25% **	555	\$1,900 \$1,900	
Masonry: Brick Jnt 1 Lo Spail Lo Spail Lo Masonry: Granite Masonry: Limestone Masonry: Brick Masonry: Brick Jnt 1 Lo Windows Aluminum Parapets Masonry: Brick Jnt 1 Lo Vertice Masonry: Comparisone Metal Security Bars Stucco Cement Vertice Vertice Vertice Vertice Vertice Masonry: Brick	Mortan ocation illing, E ocation 5% 5% Mortan ocation 100% 60% Mortan ocation 15%	· Miss/Eroo : Through Extent : Mo : East Side Now · Miss/Eroo : Through Now · Miss/Eroo	l, Extent : Moderat out derate, Area Affec e Upper Floors An \$14,900 l, Extent : Moderat out \$5,900 l, Extent : Moderat	te, Area A ted : 10% d Throug LIFE LIFE te, Area A 2035 LIFE	Affected : 70% 6 hout ** Affected : 25% **	555	\$1,900 \$1,900	
Jnt A Lo Spail Masonry: Granite Masonry: Limestone Jnt A Lo Windows Aluminum Parapets Masonry: Brick Jnt A Lo Masonry: Brick Jnt A Lo Masonry: Limestone Metal Security Bars Stucco Cement Vert	Mortan ocation illing, E ocation 5% 5% Mortan ocation 100% 60% Mortan ocation 15%	· Miss/Eroo : Through Extent : Mo : East Side Now · Miss/Eroo : Through Now · Miss/Eroo	l, Extent : Moderat out derate, Area Affec e Upper Floors An \$14,900 l, Extent : Moderat out \$5,900 l, Extent : Moderat	te, Area A ted : 10% d Throug LIFE LIFE te, Area A 2035 LIFE	Affected : 70% 6 hout ** Affected : 25% **	555	\$1,900 \$1,900	
Masonry: Limestone Jnt 1 Lo Windows Aluminum Parapets Masonry: Brick Jnt 1 Lo Masonry: Brick Masonry: Limestone Metal Security Bars Stucco Cement Vert	5% Mortan ocation 100% 60% Mortan ocation 15%	· Miss/Eroo : Through Now · Miss/Eroo	l, Extent : Moderat out \$5,900 l, Extent : Moderat	LIFE <i>te, Area A</i> 2035 LIFE	* * Affected : 25% * *	5	\$1,900	
Jnt Aluminum Parapets Masonry: Brick Masonry: Limestone Metal Security Bars Stucco Cement Vert	Mortan ocation 100% 60% Mortan ocation 15%	· Miss/Eroo : Through Now · Miss/Eroo	l, Extent : Moderat out \$5,900 l, Extent : Moderat	te, Area A 2035 LIFE	Affected : 25%	5	· · · · · · · · · · · · · · · · · · ·	
Aluminum Parapets Masonry: Brick Jnt 1 Lo Masonry: Limestone Metal Security Bars Stucco Cement Vert	60% Mortar ocation 15%	· Miss/Erod	l, Extent : Modera	LIFE			\$7,000	
Masonry: Brick Jnt I Lo Masonry: Limestone Metal Security Bars Stucco Cement Vert	Mortar ocation 15%	· Miss/Erod	l, Extent : Modera		* *			
Jnt Lo Masonry: Limestone Metal Security Bars Stucco Cement Vert	ocation 15%					5	\$2,100	
Metal Security Bars Stucco Cement Vert				e, Area A	Affected : 50%			
Stucco Cement Vert	5%			LIFE	* *	5	\$700	
Vert	570			2034	* *			
		Now racks, Exte : Through	\$900 nt : Light, Area Af out	2024 fected : 5	\$17,700 %	5	\$900	
Roof		0						
Modified Bitumen	95%			2029	* *	10	\$10,700	
Skylight, Metal/Glass	5%			2049	* *	10	\$1,900	
terior								
Floors	20/			2017	¢0,000	2	¢1 c00	
Carpet	3%			2017	\$9,900 * *	3	\$1,600	
Cast in Place Concrete	20%			LIFE	* *	5	\$11,500	
Ceramic Tile	2%			2028		5	\$500	
Vinyl Tile Wood	73%			2019 2034	\$161,100 * *	3 5	\$7,200 \$1,000	
Interior Walls	2%			2054		3	\$1,000	
	5%			2035	* *	5	\$5,600	
Folding Partition Gypsum Board	10%			LIFE	* *	5	\$2,700	
Plaster	10% 85%	0-2	\$30,200	LIFE	* *	5	\$2,700 \$11,400	
Brod Lo Wat	oken/Mi ocation ter Pen	ssing Elem : 3rd Floo etration, E	eents, Extent : Seve r, Basement, Sub E xtent : Moderate, A	re, Area . Basement Area Affe	Affected : 10% And Staircase	-	\$11,400	
Ceilings				5				
Plaster Bron Lo Craw	ocation acking/0	: 3rd Floo Crumbling,	\$34,100 wents, Extent : Seve r, Basement, Sub B Extent : Severe, A r, Basement, Sub B	Basement rea Affec	And Staircase ted : 50%	5	\$1,600	
Plaster	90%			LIFE	* *	5	\$14,700	

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 WASHINGTON HEIGHTS BRANCH LIBRARY

Asset # : 13376

Electrical	Current Repair Future Replace			e Replacement	eplacement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2019	\$1,500	5	\$500	
			Extent : Moderate, A		ected : 100%			
			al Room - Sub Base					
	Explana	tion : One	1200 Amps Main D	isconnec	et Switch			
Switchgear / Switchboard						_		
Molded Case Bkrs	100%			2019	\$32,000	5	\$500	
			Extent : Moderate, 1		ected : 100%			
			ement Electrical Re					
	Explana	tion : Note	: Ground Water Pe	netration	i Inside The Electr	ical Rooi	n.	
Raceway	100/			2010	¢1 2 400			
Conduit	40%			2019	\$12,400	1		
Conduit	60%			2029	* *	1		
Panelboards	2004				<i>.</i>	-	\$100	
Molded Case Bkrs	30%			2018	\$4,400 * *	5	\$100	
Molded Case Bkrs	70%			2027	* *	5	\$300	
Wiring Decide 4 Chath	200/	2.4	¢5,500	2044	* *	1		
Braided Cloth	20%	2-4	\$5,500 ent : Moderate, Are	2044		1		
		Agea, Exie 1 : Through		a Ajjecie	24.100%			
		. Intough	011	2020	* *	1		
Thermoplastic	80%			2029	* *	1		
Motor Controllers	0.00/			2024	¢24.000	_	¢100	
Locally Mounted	80%			2024	\$24,000	5	\$100	
Locally Mounted	20%			2017	\$6,000	5		
Ground								
Grounding Devices Not Accessible	100%							
	100%							
ighting Interior Lighting								
Interior Lighting Fluorescent	94%			2019	\$539,200	10	\$15,100	
ruoreseent		ervation F	Extent : Moderate, A			10	\$15,100	
		ervanon, 1 : Through		1100 21990	<i>cieu</i> . 10070			
			g T-8 Lamps					
HID	<u>4%</u>		S I O Lumps	2019	\$9,000	10		
Incandescent	4% 2%			2019	\$9,000			
	∠%			2017	\$11,300	2		
Egress Lighting Emergency, Service	50%			2019	\$4,300	1		
Exit, Service						1		
Exit, Service	50%			2019	\$1,200	1		

Mechanical	Curren	Repair	Futur	re Replacement	Μ	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2029	* *	1		

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

NEW YORK PUBLIC LIBRARY - 035 WASHINGTON HEIGHTS BRANCH LIBRARY

Asset # : 13376

			set # : 13					
Mechanical		Current Repair	r	Futur	e Replacement	М	aintenance	_
System Component Type	% of Total	Fail Date Estin (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ieating								
Conversion Equipment								
Hot Water Boiler	100%			2024	\$39,000	1	\$8,700	
Distribution								
Hot Wtr Piping/Pump	100%			2027	* *	4	\$900	
Terminal Devices								
Air Handler	50%			2019	\$46,700	1	\$5,400	
Convector/Radiator	50%			2024	\$81,900	1	\$2,800	
Air Conditioning								
Energy Source	1000/			2025	* *	1		
Electricity	100%			2035	1. A. A.	1		
Conversion Equipment	<u> 200/</u>			2010	\$47 100	1	¢6 500	
Reciprocating Compr/Chiller	80%			2019	\$47,100	1	\$6,500	
No Component	20%							
Terminal Devices	20%							
Air Handler/Cool/Ht	80%			2019	\$47,100	1	\$8,700	
No Component	20%			2019	\$47,100	1	\$6,700	
Heat Rejection	2070							
Remote Air Cond	80%			2024	\$66,300	2	\$9,800	
No Component	20%			2021	400,200	-	\$7,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,800	
Exhaust Fans								
Interior	100%	Now	\$19,200	2029	* *	2	\$400	
		Equipment, Exten		ea Affec	ted : 100%			
	Location	a : 3rd Floor Fan	Room					
lumbing								
H/C Water Piping								
Brass/Copper	20%			2029	* *	1		
Galv Iron/Steel	80%			2024	\$41,400	1		
Water Heater	100-				* 4 * * *	-	**	
Gas Fired	100%			2017	\$4,000	2	\$300	
Sanitary Piping	1000/				ate ate			
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	1000/				* *	1		
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	1000/			2017	¢11.000	4	¢0 500	
Rigid Piping	100%			2017	\$11,000	4	\$2,500	
Sewage Ejector(s)	1000/			2010	¢11.000	Λ	¢1 (00	
Electric	100%			2019	\$11,000	4	\$1,600	
Fixtures Generic	100%							
Generic	100%							

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: WEBSTER BRANCH LIBRARY		
Address	: 1465 YORK AVE. @ EAST 78TH ST.		
Borough	: MANHATTAN	Agency's Number	: W03
Program / Asset #	: NPL0W03.000 / 13377	Yr Built/Renovated	: 1906 / 2002
Area Sq Ft	: 11,801	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 20-Jun-2013	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,3,4,p		
Block	: 1472 Lot : 28	BIN	: 1045991

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$162,600	
Mechanical		\$112,900
Total	\$162,600	\$112,900
Importance Code A	\$162,600	
Importance Code B		\$112,900
Total	\$162,600	\$112,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$59,500			
Interior Architecture	\$83,300		\$300	
Electrical	\$300	\$200	\$12,500	\$400
Mechanical	\$1,100	\$1,200	\$2,900	\$2,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$148,100	\$5,300	\$19,700	\$6,700
Importance Code A	\$60,100	\$600	\$600	\$600
Importance Code B	\$47,100	\$4,800	\$19,100	\$6,100
Importance Code C	\$40,900			
Total	\$148,100	\$5,300	\$19,700	\$6,700



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 # : 13377

		ASSet # 11	5511				
Architecture	Curr	ent Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail D Total (Yea	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior							
Exterior Walls					_		
Masonry: Brick	65%	*** *	LIFE	* *	5	\$25,800	
Masonry: Granite	5% 0-2		LIFE	**	5	\$1,500	
	Location : Three	ling, Extent : Light, Ar	еа Ајјеси	ea : 10%			
Massauru Limestana		ugnoui	LIEE	* *	5	¢7.500	
Masonry: Limestone Metal Panel	25% 5% 0-2	\$1,400	LIFE 2044	* *	5 5	\$7,500 \$3,700	
Metal Panel		\$1,400 d, Extent : Light, Area			3	\$5,700	
	Location : Three	-	Ајјестей .	1070			
Windows	Locument						
Wood	100% 0-2	\$162,600	2049	* *	5	\$29,200	1
		Elements, Extent : Seve	ere, Area	Affected : 80%	-		
	Location : 4th	Floor Apartment					
	Hardware Missir	ng, Extent : Moderate,	Area Affe	ected : 80%			
	Location : Thre	ughout					
	Weather Strip M	ssing, Extent : Moderd	ite, Area	Affected : 80%			
	Location : Thre	ughout					
Parapets							
Cast Stone/Terra Cotta	15%		LIFE	* *	5	\$2,000	
Masonry: Brick	85%		LIFE	* *	5	\$1,500	
Roof Roll Roofing	95% 2-4	\$5,200	2023	\$26,200	5	\$5,300	
Kon Kooning		ling, Extent : Light, Ar			5	ψ5,500	
	Location : Thre						
Skylight, Metal/Glass	5% Nov	-	2044	* *			
Skyngin, Wetal, Slass		ling, Extent : Severe, A		rted : 100%			
	Location : Thre		55				
terior							
Floors							
Cast in Place Concrete	15%		LIFE	* *	5	\$4,500	
Mosaic Tile	2%		2029	* *	5	\$700	
Marble Panels	3%		LIFE	* *	5	\$300	
Terrazzo	5%	†22 000	LIFE	* *	5	\$500	
Wood	75% 4+	\$33,800	2052	* *	5	\$9,700	
	Location : Thre	ish, Extent : Moderate	, Area А <u></u> Л	ected : 20%			
Interior Walls	Location . Three	ugnoui					
Ceramic Tile	5%		2027	* *	5	\$1,400	
Concrete Masonry Unit			LIFE	* *	5	\$1,400	
Masonry: Brick	5% 4+	\$5,600	LIFE	* *	5	φυυυ	
musoiny. Drick		n, Extent : Light, Area		: 5%			
	Location : Thre		-,,, -, -, -, -, -, -, -, -, -, -, -				
Plaster	15% Nov	-	LIFE	* *	5	\$1,300	
1 14501		ct Damage, Extent : Se		a Affected : 80%	5	ψ1,500	
	-	Floor Apartment	,	55			
Plaster	70%	*	LIFE	* *	5	\$6,100	
1 105101	10/0				5	ψ0,100	

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

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

Asset # : 13377

		A3561 # . 13					
Architecture	Curren	t Repair	Futur	e Replacement	Μ	aintenance	
system Component Type	% of Fail Dat Total (Years	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior Ceilings Plaster	100% 0-2 Cracking/Crumblin Location : Throug	\$8,600 g, Extent : Light, Are ghout	LIFE ea Affecte	* * ed : 10%	5	\$8,300	
Electrical	Curren	t Repair	Futur	e Replacement	М	aintenance	
System Component Type		e Estimated Cost		Estimated Cost		Estimated Cost	Priority
Inder 600 Volts Service Equipment Fused Disc Sw	Location : Electri	Extent : Moderate, A cal Room e 1200 Amps Main D			5	\$100	
Switchgear / Switchboard Fused Disc Sw	100%	2 1200 Amps Mun D	2044	* *	5	\$100	
Raceway Conduit	100%		2044	* *	1		
Panelboards Fused Disc Sw Molded Case Bkrs	5% 95%		2040 2040	* * * *	5 5	\$300	
Wiring Thermoplastic	100%		2044	* *	1		
Motor Controllers Locally Mounted	100%		2037	* *	5	\$100	
round Grounding Devices Generic	100% Other Observation, Location : Water Explanation : Cor		LIFE Area Affe	* * cted : 100%	5	\$200	
ghting Interior Lighting Fluorescent	100% Other Observation,	Extent : Moderate, A Shout The Building	2029 Area Affe	* * cted : 100%	10	\$10,800	
Egress Lighting Emergency, Battery Exit, Service	50% 50%	1	2029 2029	* * * *	10 1	\$1,400	
Exterior Lighting HID	100%		2029	* *	10		
larm Fire/Smoke Detection No Component	70%						
Generic	30%		2029	* *	1-3	\$2,200	

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

Asset # : 13377

			A5561 # . 13					
Mechanical		Current Repair Future Replacement				М		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ieating								
Energy Source								
Natural Gas	100%			2034	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2029	* *	1	\$5,800	
			Extent : Light, Area	Affected	: 100%			
			ıt Boiler Room					
	Explana	tion : 1 Un	it					
Distribution	4000						* 40.0	
Hot Wtr Piping/Pump	100%			2032	* *	4	\$600	
Terminal Devices	1000/			2020	ste ste	1	\$2 ,000	
Convector/Radiator	100%			2029	* *	1	\$3,800	
Air Conditioning								
Energy Source Electricity	100%			2032	* *	1		
Conversion Equipment	100%			2032		1		
Int Pkg Unit - Cooling	75%			2022	\$112,900	2	\$500	
Int Fkg Unit - Cooling		ioerant Ex	tent : Light, Area A			2	\$300	
		i serani, Ex i : 4th Floo		jjeereu .	7570			
No Component	25%							
No Component Ventilation	23%							
Distribution								
Ductwork/Diffusers	75%			LIFE	* *	2-5	\$4,900	
No Component	25%					20	\$ 1,900	
Exhaust Fans								
Interior	75%			2024	\$9,700	2	\$300	
No Component	25%				1- ,			
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2023	\$2,700	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)							±	
Rigid Piping	100%			2024	\$11,000	4	\$1,600	
Backflow Preventer	100			0010	44 465		*= * *	
Generic	100%			2019	\$1,100	1	\$700	
Fixtures	1000							
Generic	100%							
Vertical Transport								
Elevators	1000/				* *			
Hydraulic	100% Other Ob	arvation L	Extent : Light, Area	LIFE				
		i : B, 1, 2, 3	-	Ајјестей	. 100/0			
		t . B, 1, 2, . tion : 1 Uni						
	Expiana	uon : 1 Uni	11					

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 WEBSTER BRANCH LIBRARY Asset # : 13377

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: WEST FARMS BRANCH LIBRARY		
Address	: 2085 HONEYWELL AVE. NEAR E. 18	0 ST.	
Borough	: BRONX	Agency's Number	: W04
Program / Asset #	: NPL0W04.000 / 13378	Yr Built/Renovated	: 1954 / 1996
Area Sq Ft	: 15,591	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 18-Jan-2008	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 3123 Lot : 61	BIN	: 2013151

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$65,900	
Electrical	\$495,800	
Mechanical	\$307,700	\$142,300
Total	\$869,500	\$142,300
Importance Code A	\$65,900	
Importance Code B	\$803,500	\$142,300
Total	\$869,500	\$142,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$5,000		\$14,500	
Interior Architecture	\$10,300	\$500		\$271,800
Electrical	\$26,900	\$4,500	\$20,600	
Mechanical	\$8,500	\$4,000	\$3,200	\$4,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$54,800	\$12,900	\$42,200	\$280,600
Total	φ 34 ,000	\$12,700	φ 2,200	\$200,000
Importance Code A	\$5,800	\$800	\$15,300	\$200,000
				,
Importance Code A	\$5,800	\$800	\$15,300	\$800



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

NEW YORK PUBLIC LIBRARY - 035 WEST FARMS BRANCH LIBRARY

Asset # : 13378

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
xterior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	* *	5	\$34,200	
Masonry: Brick	80%			LIFE	* *	5	\$27,300	
Windows								
Aluminum	100%	Now	\$5,000	2027	* *	5	\$3,000	
		-	ents, Extent : Ligh	t, Area A	ffected : 5%			
	Location	1 : Through	out					
Parapets						_	* = =	
Cast in Place Concrete	15%			LIFE	* *	5	\$5,300	
Masonry: Brick	80%			LIFE	* *	5	\$2,700	
Pre-Cast Concrete	5%			LIFE	* *	5	\$1,100	
Roof	1000/			2010	¢ < 7,000	10	¢14 500	
Built-Up (BUR)	100%			2019	\$65,900	10	\$14,500	
nterior								
Floors	80%			2020	\$261,500	2	\$41,300	
Carpet Terrazzo	80% 5%			LIFE	\$201,500	3 5	\$41,500	
Vinyl Tile	5% 15%			2027	* *	3	\$1,500	
Interior Walls	1370			2027		5	\$1,500	
Gypsum Board	80%			LIFE	* *	5	\$1,900	
Plaster	20%			LIFE	* *	5	\$200	
Ceilings	2070			LILL		5	φ200	
AcousTileSusp.Lay-In	80%			2036	* *	5	\$18,300	
Gypsum Board	20%			LIFE	* *	5	\$5,700	
						-	1 - 7	
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	THOM
nder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2029	* *	5	\$100	
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Electrica						
	Explana	tion : One a	800 Amps Main Di	sconnect	Switch			
Switchgear / Switchboard								
Fused Disc Sw	100%			2029	* *	5	\$100	
Raceway								
Conduit	50%			2029	* *	1		
Conduit	50%			2019	\$15,500	1		
Panelboards								
	70%			2027	* *	5	\$300	
Molded Case Bkrs Molded Case Bkrs	30%			2018	\$4,400	5	\$100	

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

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

NEW YORK PUBLIC LIBRARY - 035 WEST FARMS BRANCH LIBRARY

Asset # : 13378

			Asset # 15	510				
Electrical		Current	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth			\$6,900 ent : Moderate, Are out	2044 a Affecte	* * cd : 100%	1		
Thermoplastic	75%			2029	* *	1		
Motor Controllers Locally Mounted	100%			2024	\$29,900	5	\$100	
Ground Grounding Devices Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting Fluorescent	97% Other Obs	servation, E	Extent : Moderate, A	2017 Area Affe	\$495,800 ected : 100%	10	\$13,900	
		ı : Through						
	Explana	tion : Usin	g T-12 Lamps					
HID	3%			2017	\$6,000	10		
Egress Lighting					**			
Emergency, Service Exit, Service	50% 50%			2019 2019	\$3,800 \$1,100	1 1		
	5070			2017	φ1,100	1		
Mechanical		Current	Repair	Futur	e Replacement	M	aintenance	
System	% of		Estimated Cost		Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)	Listinuted Cost	FY	Listinuteu Cost	(Yrs)	Listillated Cost	Thorney
Heating								
Energy Source Natural Gas	100%			2039	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2032	* *	1	\$7,700	
Distribution	1000/			2025	* *		#000	
Hot Wtr Piping/Pump	100%			2035	* *	4	\$800	
Terminal Devices Air Handler	60%			2024	\$50,000	1	\$5,800	
Convector/Radiator	40%			2024	\$50,000	1	\$2,000	
Air Conditioning	+070			2032		1	φ 2,000	
Energy Source								
Electricity								
	100%			2035	* *	1		
Conversion Equipment Int Pkg Unit - Heating/Cooling	100% 100%			2035 2020	* *	1	\$1,000	
Int Pkg Unit -							\$1,000 \$10,900	
Int Pkg Unit - Heating/Cooling Heat Rejection Remote Air Cond Ventilation	100%			2020	\$307,700	2		
Int Pkg Unit - Heating/Cooling Heat Rejection	100%			2020	\$307,700	2		

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

Asset # : 13378

Mechanical		Current Repair	Futu	Future Replacement		Maintenance	
System Component Type	% of I Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Exhaust Fans							
Roof	100%		2024	\$12,300	2	\$500	
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%		2032	* *	1		
Water Heater							
Gas Fired	100%		2017	\$3,600	2	\$200	
Sanitary Piping							
Cast Iron	100%	Now \$3,400	LIFE	* *	1		
	Blockage /	Clogged, Extent : Severe, A	rea Affecte	ed : 20%			
	Location	: Sewer Line To Street					
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Rigid Piping	100%		2024	\$11,000	4	\$1,600	
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			

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

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

Print Date: 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: WESTCHESTER SQUARE BRANCH	LIBRARY								
Address	: 2521 GLEBE AVENUE NEAR OVERI	521 GLEBE AVENUE NEAR OVERING ST.								
Borough	: BRONX	Agency's Number	: W06							
Program / Asset #	: NPL0W06.000 / 13380	Yr Built/Renovated	: 1955 / 2006							
Area Sq Ft	: 13,026	Project Type	: NEW YORK PUBLIC LIBRARY							
Date of Survey	: 07-Jan-2008	Landmark Status	: NONE							
Areas Surveyed	: Basement, Roof, Floors 1,2									
Block	: 3986 Lot : 34	BIN	: 2041911							

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$124,300	\$52,300
Interior Architecture	\$191,800	
Electrical	\$414,200	
Mechanical	\$29,800	\$29,800
Total	\$760,200	\$82,100
Importance Code A	\$124,300	\$52,300
Importance Code B	\$635,900	\$29,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$11,800			
Interior Architecture	\$200			\$2,200
Electrical	\$44,100	\$12,000	\$21,900	
Mechanical	\$6,200	\$1,400	\$30,300	\$1,400
Total	\$62,300	\$13,400	\$52,200	\$3,600
Importance Code A	\$12,400	\$600	\$800	\$600
Importance Code B	\$49,900	\$12,800	\$51,400	\$3,000
Importance Code C				
Total	\$62,300	\$13,400	\$52,200	\$3,600



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

NEW YORK PUBLIC LIBRARY - 035 WESTCHESTER SQUARE BRANCH LIBRARY

Asset # : 13380

rchitecture		Current	Repair	Futur	e Replacement	Maintenance		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	\$21,200	
Windows	1000		\$121 2 00	••••	ste ste	_	*1 = 00	
Aluminum	Location	ted Finish, 1 : Through				5	\$1,500	
	Location	ı : Through						
		Deteriorate 1 : Through	ed, Extent : Modera cout	te, Area	Affected : 20%			
		ded, Exteni 1 : Through	t : Moderate, Area A pout	Affected	: 45%			
Parapets								
Masonry: Brick	45%			LIFE	* *	5	\$1,400	
Masonry: Brick	50%		\$9,200	LIFE	* *	5	\$1,600	
		r Miss/Eroo 1 : Through	d, Extent : Moderat cout	e, Area I	Affected : 10%			
Masonry: Limestone	5%			LIFE	* *	5	\$200	
Roof								
Built-Up (BUR)	Location Water Per	Extent : Lig 1 : Center C	Extent : Light, Area		\$52,300 : 5%			
erior								
Floors	F 0 (TIPP	als -t-	~	•7 00	
Terrazzo	5%	N	¢ 4 4 200	LIFE	* * \$147.00	5	\$700 \$6,600	
Vinyl Tile			\$44,300 nents, Extent : Mod cout	2019 erate, Ar	\$147,600 ea Affected : 40%	3	\$6,600	
Interior Walls								
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	95%			LIFE	* *	5	\$4,400	
Ceilings						-	* - · ·	
Metal Panel	95%		4.2 ~ ~ ~	LIFE	* *	5	\$21,900	
Plaster	5% Caralia		\$200	LIFE	**	5	\$600	
		Crumbling 1 : Bulkhead	, Extent : Light, Are d	a Affecti	ea : 5%			
lectrical								

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

Under 600 Volts

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

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

NEW YORK PUBLIC LIBRARY - 035 WESTCHESTER SQUARE BRANCH LIBRARY

Asset # : 13380

			Asset # : 13	500				
Electrical		Current Repair Future Replacement Maintenance				aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2029	* *	5	\$300	
		ervation, E. : Electrica	xtent : Moderate, A	Area Affe	ected : 100%			
			t Koom 350 Amps Main Dis	annaat	Switch			
Pagaway	Ехріана	ion . One 5	50 Amps Main Dis	sconneci	Swiich			
Raceway Conduit	70%			2019	\$21,700	1		
Conduit	30%			2019	\$21,700	1		
Panelboards	3070			2029		1		
Molded Case Bkrs	Q00/			2018	¢11.000	5	\$200	
Molded Case Bkrs	80% 20%			2018	\$11,900 * *	5 5	\$300 \$100	
	20%			2027		5	\$100	
Wiring Thermoplastic	100%			2029	* *	1		
Motor Controllers	10070			2029		1		
Locally Mounted	90%			2017	\$26,900	5	\$100	
Locally Mounted	90% 10%			2017	\$3,000	5	\$100	
· · · · ·	10%			2024	\$3,000	5		
ighting Interview Lighting								
Interior Lighting Fluorescent	85%			2017	\$262,000	10	\$10,200	
Fluorescent		amontion E	xtent : Moderate, A		\$363,000	10	\$10,200	
				area Ajje	cieu . 100%			
		: Through						
		ton : Using	T12 Lamps					
HID	3%			2017	\$5,100	10		
Incandescent	12%			2017	\$51,200	2		
Egress Lighting	1000/			2017	¢1.000			
Exit, Service	100%			2017	\$1,800	1		
Mechanical		Current F						
		Gurrent h	lonoir				nintononoo	
System			Repair	Futur	re Replacement	M	aintenance	
		Fail Date	Repair Estimated Cost	Year	re Replacement Estimated Cost	Cycle		Priorit
Component	% of Total							Priorit
Component Type		Fail Date		Year		Cycle		Priorit
Component Type		Fail Date		Year		Cycle		Priorit
Component Type eating Energy Source	Total	Fail Date		Year FY		Cycle (Yrs)		Priorit
Component Type eating Energy Source Natural Gas		Fail Date		Year	Estimated Cost	Cycle		Priorit
Component Type Teating Energy Source Natural Gas Conversion Equipment	Total	Fail Date		Year FY 2039	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Component Type eating Energy Source Natural Gas	Total 100%	Fail Date (Years)	Estimated Cost	Year FY 2039 2024	Estimated Cost * * \$29,000	Cycle (Yrs)		Priorit
Component Type eating Energy Source <u>Natural Gas</u> Conversion Equipment	Total 100% 100% Other Obs	Fail Date (Years)	Estimated Cost	Year FY 2039 2024	Estimated Cost * * \$29,000	Cycle (Yrs)	Estimated Cost	Priorit
Component Type Teating Energy Source Natural Gas Conversion Equipment	Total 100% 100% Other Obs Location	Fail Date (Years) ervation, E. : Basemen	Estimated Cost xtent : Severe, Area	Year FY 2039 2024 a Affecte	Estimated Cost ** \$29,000 ed : 100%	Cycle (Yrs) 1	Estimated Cost	Priorit
Component Type Teating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	Total 100% 100% Other Obs Location	Fail Date (Years) ervation, E. : Basemen	Estimated Cost xtent : Severe, Area	Year FY 2039 2024 a Affecte	Estimated Cost * * \$29,000	Cycle (Yrs) 1	Estimated Cost	Priorit
Component Type leating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution	Total 100% 100% Other Obs Location Explanat	Fail Date (Years) ervation, E. : Basemen	Estimated Cost xtent : Severe, Area	Year FY 2039 2024 a Affecte Supplied	Estimated Cost * * \$29,000 ed : 100% By Adjacent Health	Cycle (Yrs) 1 1 h Center	Estimated Cost \$6,400	Priorit
Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	Total 100% 100% Other Obs Location	Fail Date (Years) ervation, E. : Basemen	Estimated Cost xtent : Severe, Area	Year FY 2039 2024 a Affecte	Estimated Cost ** \$29,000 ed : 100%	Cycle (Yrs) 1	Estimated Cost	Priorit
Component Type ieating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	Total 100% 0ther Obs Location Explanat 100%	Fail Date (Years) ervation, E. : Basemen	Estimated Cost xtent : Severe, Area	Year FY 2039 2024 a Affecte Supplied 2035	Estimated Cost * * \$29,000 ed : 100% By Adjacent Healt * *	Cycle (Yrs) 1 1 h Center 4	Estimated Cost \$6,400 \$600	Priorit
Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Total 100% 100% Other Obs Location Explanat 100% 50%	Fail Date (Years) ervation, E. : Basemen	Estimated Cost xtent : Severe, Area	Year FY 2039 2024 a Affecte Supplied 2035 2024	Estimated Cost ** \$29,000 2d : 100% By Adjacent Healt ** \$34,800	Cycle (Yrs) 1 1 h Center 4 1	Estimated Cost \$6,400 \$600 \$4,000	Priorit
Component Type Teating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	Total 100% 0ther Obs Location Explanat 100%	Fail Date (Years) ervation, E. : Basemen	Estimated Cost xtent : Severe, Area	Year FY 2039 2024 a Affecte Supplied 2035	Estimated Cost * * \$29,000 ed : 100% By Adjacent Health * *	Cycle (Yrs) 1 1 h Center 4	Estimated Cost \$6,400 \$600	Priorit
Component Type iceating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning	Total 100% 100% Other Obs Location Explanat 100% 50%	Fail Date (Years) ervation, E. : Basemen	Estimated Cost xtent : Severe, Area	Year FY 2039 2024 a Affecte Supplied 2035 2024	Estimated Cost ** \$29,000 2d : 100% By Adjacent Healt ** \$34,800	Cycle (Yrs) 1 1 h Center 4 1	Estimated Cost \$6,400 \$600 \$4,000	Priorit
Component Type leating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Total 100% 100% Other Obs Location Explanat 100% 50%	Fail Date (Years) ervation, E. : Basemen	Estimated Cost xtent : Severe, Area	Year FY 2039 2024 a Affecte Supplied 2035 2024	Estimated Cost ** \$29,000 2d : 100% By Adjacent Healt ** \$34,800	Cycle (Yrs) 1 1 h Center 4 1	Estimated Cost \$6,400 \$600 \$4,000	Priorit

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

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

NEW YORK PUBLIC LIBRARY - 035 WESTCHESTER SQUARE BRANCH LIBRARY

Asset # : 13380

Current Repair		Futur	Future Replacement		Maintenance	
% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
50%		2024	\$29,800	2	\$400	
50%		2019	\$29,800	2	\$400	
100%		2019	\$25,800	2	\$9,100	
100%		LIFE	* *	2-5	\$7,300	
100%		2024	\$10,300	2	\$400	
100%		2032	* *	1		
100%		2017	\$3,000	2	\$200	
100%		LIFE	* *	1		
100%		LIFE	* *	1		
100%						
	Total 50% 50% 100% 100% 100% 100% 100% 100% 1	% of Total Fail Date (Years) Estimated Cost 50% - - 50% - - 100% - - 100% - - 100% - - 100% - - 100% - - 100% - - 100% - - 100% - - 100% - -	% of Total Fail Date (Years) Estimated Cost P Year FY 50% 2024 2019 50% 2024 50% 2019 100% 2019 100% 2024 100% 2024 100% 2024 100% 2024 100% 2032 100% 2017 100% LIFE 100% LIFE	% of Total Fail Date Estimated Cost (Years) Year FY Estimated Cost FY 50% 2024 \$29,800 50% 2019 \$29,800 50% 2019 \$29,800 100% 2019 \$25,800 100% 2024 \$10,300 100% 2032 ** 100% 2017 \$3,000 100% LIFE ** 100% LIFE **	% of Total Fail Date (Years) Estimated Cost FY Year FY Estimated Cost (Yrs) Cycle (Yrs) 50% 2024 \$29,800 2 50% 2019 \$29,800 2 100% 2019 \$25,800 2 100% LIFE ** 2-5 100% 2024 \$10,300 2 100% 2032 ** 1 100% 2017 \$3,000 2 100% LIFE ** 1	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost FY Cycle (Yrs) Estimated Cost (Yrs) 50% 2024 \$29,800 2 \$400 50% 2019 \$29,800 2 \$400 100% 2019 \$25,800 2 \$9,100 100% LIFE ** 2-5 \$7,300 100% 2024 \$10,300 2 \$400 100% 2024 \$10,300 2 \$400 100% 2032 ** 1 \$200 100% 2017 \$3,000 2 \$200 100% LIFE ** 1 \$200

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

Print Date : 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: WOODSTOCK BRANCH LIBRARY		
Address	: 761 EAST 160TH ST. NEAR FOREST A	AVE.	
Borough	: BRONX	Agency's Number	: W07
Program / Asset #	: NPL0W07.000 / 13381	Yr Built/Renovated	: 1914 / 1985
Area Sq Ft	: 16,524	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 15-Jan-2008	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2,3		
Block	: 2657 Lot : 30	BIN	: 2004700

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$907,900	\$36,000
Interior Architecture	\$222,500	
Electrical	\$530,900	
Mechanical	\$155,300	\$221,500
Total	\$1,816,600	\$257,600
Importance Code A	\$907,900	\$36,000
Importance Code B	\$838,900	\$221,500
Importance Code C	\$69,800	
Total	\$1,816,600	\$257,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$65,900			
Interior Architecture	\$122,900	\$1,800		\$5,100
Electrical	\$67,800	\$14,300	\$63,400	
Mechanical	\$49,900	\$4,500	\$17,100	\$4,500
Total	\$306,500	\$20,600	\$80,500	\$9,700
Importance Code A	\$66,700	\$800	\$2,500	\$800
Importance Code B	\$239,800	\$18,600	\$78,000	\$8,900
Importance Code C		\$1,200		
Total	\$306,500	\$20,600	\$80,500	\$9,700



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 # : 13381

chitecture	Current Repair Future Replacement			М			
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Exterior Walls							
Masonry: Brick	65% Now	\$538,900	LIFE	* *	5	\$36,000	
	Cracking/Crumbling,		, Area Af	fected : 10%			
	Location : East Face			<i>1</i> 2 50 /			
	Jnt Mortar Miss/Erod		e, Area A	ffected : 35%			
	Location : East Face	<i>,</i>	(. .	(Co (. 1 . 250/			
	Rusting Masonry Supr			Affectea : 25%			
	Location : Custodia	-		at a 1 . 100/			
	Water Penetration, Ex Location : North Fa		area Ajjec	cied : 10%			
	Worn/Eroded, Extent		Affected .	30%			
	Location : East Face		ijjecieu .	5070			
	Other Observation, E		Area Affe	cted · 100%			
	Location : East Face		110011990				
	Explanation : Protect		Been Insta	alled.			
Masonry: Granite	5%		LIFE	* *	5	\$2,100	
Masonry: Limestone	30% Now	\$180,100	LIFE	* *	5	\$12,500	
	Jnt Mortar Miss/Erod	. ,		ffected : 15%	-	+,- • •	
	Location : South Fa						
	Staining/Discoloring,	Extent : Moderate	e, Area A <u>f</u>	fected : 10%			
	Location : South Fa	cade					
	Other Observation, E	xtent : Moderate, A	Area Affe	cted : 50%			
	Location : South Fa	cade					
	Explanation : Sidew	alk Shed In Use					
Windows							
Aluminum	15% Now	\$24,600	2044	* *	5	\$300	
	Deteriorated Finish, I			ected : 65%			
	Location : Vacant C	-					
	Water Penetration, Ex			ctea : 15%			
	Location : Vacant C			ste ste	-	ф.coo	
Aluminum	30% Now	\$4,900	2035	* *	5	\$600	
	Caulking Deteriorated Location : North Wa		ue, Area I	Affected : 25%			
	Water Penetration, Ex		Aroa Affai	etad · 15%			
	Location : North Wa		irea nyjet				
Steel	5% Now	\$10,200	2044	* *	5	\$1,200	
51001	5% NOW Corrosion/Rusting, Ex				5	φ1,200	
	Location : Stairs						
	Deteriorated Finish, 1	Extent : Moderate.	Area Aff	ected : 50%			
	Location : Stairs	·····,	- JJ				
	Thermally Inefficient,	Extent : Moderate	e, Area A <u>f</u>	fected : 50%			
	Location : Stairs						

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 # : 13381

Architecture	Current Repair	Future Replacement	Maintenance		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
xterior					
Parapets					
Masonry: Brick	75% Now \$108,500 Cracking/Crumbling, Extent : Moderate	LIFE ** Area Affected · 25%	5	\$1,900	
	Location : Throughout	, In ca Hyperica : 2570			
	Jnt Mortar Miss/Erod, Extent : Moderat	e. Area Affected : 50%			
	Location : Throughout	-,			
	Misaligned/Bulging, Extent : Moderate,	Area Affected : 10%			
	Location : East Facade, West Facade	55			
	Worn/Eroded, Extent : Moderate, Area	Affected : 50%			
	Location : Throughout				
	Other Observation, Extent : Moderate, A	Area Affected : 100%			
	Location : East Facade, West Facade				
	Explanation : Protection Fabric Has E	Been Installed			
Masonry: Limestone	20% Now \$5,200	LIFE **	5	\$600	
	Jnt Mortar Miss/Erod, Extent : Moderat	e, Area Affected : 10%			
	Location : Coping And South Facade				
	Caulking Deteriorated, Extent : Modera	te, Area Affected : 25%			
	Location : Coping				
Masonry: Sandstone	5% Now \$11,100	LIFE **	5	\$200	
	Cracking/Crumbling, Extent : Severe, A				
	Location : Coping At East, West And I	North Parapets			
	Worn/Eroded, Extent : Severe, Area Affe				
	Location : Coping At East, West And I				
	Other Observation, Extent : Moderate, A	Area Affected : 100%			
	Location : Coping At North Parapets				
	Explanation : This Material Is Actual	y Bluestone			
Roof Madified Diterror	1000/ North \$20,200	2020 **			
Modified Bitumen	100% Now \$80,300	2029			
	Blisters, Extent : Moderate, Area Affecto Location : Over Third And First Floor				
	Water Penetration, Extent : Moderate, A	Area Affected : 25%			
	Location : Over Third And First Floor				
	Worn/Eroded, Extent : Moderate, Area	Affected : 25%			
	Location : Over Third And First Floor	·s			

Interior

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

Asset # : 13381

rchitecture		Current I	Repair	Futu	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior								
Floors								
Carpet	Locatior Staining/L	r/Impact D 1 : First Flo	, Extent : Moderate			3	\$11,200	
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 25%			
		n : First Flo	oor					
Cast in Place Concrete	10%			LIFE	* *	5	\$5,400	
Ceramic Tile	5%			2028	* *	5	\$1,200	
Vinyl Tile	45%	Now	\$94,400	2029	* *	3	\$4,200	
	Location Loose Uni Location Worn/Ero	n : Basemer its, Extent : n : Basemer ded, Extent	Extent : Severe, A nt, Second And Thir Moderate, Area Aj nt, Second And Thir : Moderate, Area A nt, Second And Thir	ed Floors fected : ed Floors Affected	5 50% 5 : 75%			
Wood	10%		\$24,400	2047	* *	5	\$2,300	
	Locatior Split/Crac	ı : Third Fl ked, Exteni	Extent : Severe, Ar oor At Custodian A t : Moderate, Area oor At Custodian A	partmen Affected	t : 25%			
Interior Walls								
Ceramic Tile	5%			2028	* *	5	\$2,400	
Concrete Masonry Unit	5%			LIFE	* *	5	\$1,000	
Plaster	90%	Now	\$69,800	LIFE	* *	5	\$13,200	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15% Location : First And Third Floors At Custodian Apartment Deteriorated Finish, Extent : Moderate, Area Affected : 50% Location : Second And Third Floors							
	Paint Peeling, Extent : Moderate, Area Affected : 50% Location : Second And Third Floors							
			Extent : Severe, Area d Third Floors	a Affecte	d : 20%			

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

Asset # : 13381

Architecture	Current Repair	Future Replacement	Μ						
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority				
Interior									
Ceilings									
Exposed Concrete	10% Now \$4	,000 LIFE **	5	\$400					
	Paint Peeling, Extent : Moderate, Area Affected : 25%								
	Location : Basement								
	Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
	Location : Basement								
Plaster	90% Now \$58	,300 LIFE **	5	\$14,000					
	Broken/Missing Elements, Extent	: Severe, Area Affected : 2%							
	Location : Second Floor								
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : First And Third Floo	. 50							
	Paint Peeling, Extent : Severe, Area Affected : 50%								
	Location : Second And Third Floors								
	Staining/Discoloring, Extent : Severe, Area Affected : 50%								
	Location : Second And Third Fl								
	Water Penetration, Extent : Mode	erate, Area Affected : 20%							
	Location : First And Third Floo								

lectrical		Current Re	pair	Futur	e Replacement	M	aintenance		
zstem Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
der 600 Volts									
Service Equipment									
Molded Case Bkrs	100%			2019	\$1,500	5	\$400		
	Other Obse	ervation, Ext	ent : Moderate, A	rea Affe	ected : 100%				
	Location	: Electrical	Room						
	Explanat	ion : No Ava	ilable Ratings.						
Switchgear / Switchboard	_		_						
Molded Case Bkrs	100%			2019	\$32,000	5	\$400		
Raceway									
Conduit	95%			2019	\$29,500	1			
Conduit	5%			2039	* *	1			
Panelboards									
Molded Case Bkrs	95%			2018	\$14,100	5	\$400		
Molded Case Bkrs	5%			2035	* *	5			
Wiring									
Braided Cloth	95%	2-4	\$26,100	2044	* *	1			
	Insulation .	Aged, Extent	: Moderate, Are	a Affecte	ed : 100%				
	Location	: Throughou	t The Building						
Thermoplastic	5%			2039	* *	1			
Motor Controllers									
Locally Mounted	100%			2017	\$29,900	5	\$100		

Ground

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 # : 13381

Electrical	Current Repair Future Replacement Maintenance						aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority
round								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
	Location	ı : Basemen	Extent : Moderate, A t vected To Main Wa		ected : 100%			
ighting				1				
Interior Lighting								
Fluorescent	60%			2017	\$325,000	10	\$9,100	
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe				
			t And 1st Floor					
	Explana	tion : T12 I	amps					
Fluorescent	2%			2027	* *	10	\$300	
i norescent		ervation F	xtent : Moderate, A		ected : 100%	10	φ500	
		i : Boiler R		n eu rijje				
		tion : T8 La						
Electron	<u>— Lxpiana</u> 18%	0-2		2020	* *			
Fluorescent			\$97,500	2029				
	-	0	, Extent : Moderate		ffectea : 100%			
			nt, 2nd Floor, 3 Flo					
Fluorescent	20%	Now	\$108,300	2029	* *			
	Damaged	Fixtures, E	xtent : Severe, Are	a Affecte	d : 100%			
	Location	ı : Basemer	nt And 3rd Floor					
Egress Lighting								
Exit, Service	100%			2017	\$2,300	1		
lechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Component		I un Dutt	Lotinatea Cost	1 cui	Lotinated Cost	Cycle	Loundered Cost	1 1 1 1 1 1 1 1
-		(Vears)		FY		(Vrs)		
Туре	Total	(Years)		FY		(Yrs)		
Туре		(Years)		FY		(Yrs)		
Туре		(Years)		FY		(Yrs)		
Type		(Years)		FY 2039	* *	(Yrs)		
Type eating Energy Source	Total	(Years)			* *	. ,		
Type eating Energy Source Natural Gas	Total	(Years)			**	. ,	\$8,200	
Type eating Energy Source <u>Natural Gas</u> Conversion Equipment	Total	(Years)		2039		1		
Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution	Total 100%	(Years)		2039 2032		1	\$8,200	
Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	Total	(Years)		2039	* *	1		
Type eating Energy Source Natural Gas Onversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	Total 100% 100%	(Years)		2039 2032 2027	* *	1 1 4	\$8,200 \$800	
Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Total 100% 100% 20%	(Years)		2039 2032 2027 2017	* * * * \$17,700	1 1 4 1	\$8,200 \$800 \$2,000	
Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	Total 100% 100%	(Years)		2039 2032 2027	* *	1 1 4	\$8,200 \$800	
Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning	Total 100% 100% 20%	(Years)		2039 2032 2027 2017	* * * * \$17,700	1 1 4 1	\$8,200 \$800 \$2,000	
Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source	Total 100% 100% 20% 80%	(Years)		2039 2032 2027 2017 2024	* * * * \$17,700 \$123,700	1 1 4 1 1	\$8,200 \$800 \$2,000	
Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity	Total 100% 100% 20%	(Years)		2039 2032 2027 2017	* * * * \$17,700	1 1 4 1	\$8,200 \$800 \$2,000	
Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment	Total 100% 100% 20% 80% 100%	(Years)		2039 2032 2027 2017 2024 2035	** ** \$17,700 \$123,700 **	1 1 4 1 1 1	\$8,200 \$800 \$2,000 \$4,300	
Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment Reciprocating	Total 100% 100% 20% 80%	(Years)		2039 2032 2027 2017 2024	* * * * \$17,700 \$123,700	1 1 4 1 1	\$8,200 \$800 \$2,000	
Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller	Total 100% 100% 20% 80% 100%	(Years)		2039 2032 2027 2017 2024 2035	** ** \$17,700 \$123,700 **	1 1 4 1 1 1	\$8,200 \$800 \$2,000 \$4,300	
Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment Reciprocating	Total 100% 100% 20% 80% 100%	(Years)		2039 2032 2027 2017 2024 2035	** ** \$17,700 \$123,700 **	1 1 4 1 1 1	\$8,200 \$800 \$2,000 \$4,300	

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

Asset # : 13381

lechanical		Current	Repair	Futur	e Replacement	Μ	aintenance	
zstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
r Conditioning								
Heat Rejection								
Remote Air Cond	100%			2024	\$97,800	2	\$11,500	
entilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,200	
Exhaust Fans								
Roof	100%	Now	\$2,600	2019	\$13,000	2	\$400	
			ere, Area Affected :					
	Location	: Both Ro	of Fans - Replace N	Aotors,B	elts And Enclosure	Covers		
umbing								
H/C Water Piping								
Galv Iron/Steel	100%			2017	\$48,900	1		
	Corroded,	Extent : Se	evere, Area Affecte	d : 5%				
	Location	: Cold Wa	ter Service Valves,	Strainer	And Check Valve	Are Corr	oded	
Water Heater								
Gas Fired	100%			2017	\$3,800	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2017	\$11,000	4	\$2,500	
Sewage Ejector(s)								
Electric	100%			2017	\$11,000	4	\$2,500	
Backflow Preventer					, ,		, , •	
No Component	90%							
Generic	10%			2024	\$200	1	\$100	
200000		ervation, E	Extent : Light, Area			-	<i>4100</i>	
		: Basemer	-	55				
		tion : Boile						
Fixtures	2np tantai		· •···					
	100%							
Generic	100%							

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

Print Date: 23-Oct-2015 NEW YORK PUBLIC LIBRARY - FY 2016

Asset Name	: YORKVILLE BRANCH LIBRARY		
Address	: 222 EAST 79TH ST. @THIRD AVE.		
Borough	: MANHATTAN	Agency's Number	: Y01
Program / Asset #	: NPL0Y01.000 / 13382	Yr Built/Renovated	: 1902 / 2013
Area Sq Ft	: 13,112	Project Type	: NEW YORK PUBLIC LIBRARY
Date of Survey	: 20-Jun-2013	Landmark Status	: EXTERIOR LANDMARK
Areas Surveyed	: Basement, Roof, Floors 1,3		
Block	: 1433 Lot : 37	BIN	: 1044180

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$428,300	
Interior Architecture	\$74,700	\$27,100
Electrical	\$288,600	
Mechanical		\$36,200
Total	\$791,700	\$63,300
Importance Code A	\$428,300	
Importance Code B	\$324,800	\$63,300
Importance Code C	\$38,600	
Total	\$791,700	\$63,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$10,800		\$9,100	
Interior Architecture	\$76,800	\$400	\$600	\$6,400
Electrical	\$31,400	\$100	\$22,500	
Mechanical	\$1,600	\$3,100	\$2,000	\$3,400
Total	\$120,700	\$3,600	\$34,300	\$9,800
Importance Code A	\$10,800		\$9,200	
Importance Code B	\$106,500	\$3,600	\$25,100	\$9,800
Importance Code C	\$3,300			
Total	\$120,700	\$3,600	\$34,300	\$9,800



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

Asset # : 13382

chitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
tem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior Exterior Walls								
Masonry: Brick	75%	Now	\$96,800	LIFE	* *	5	\$29,600	
2	0	0	Extent : Light, Are	ea Affecte	ed : 10%			
			l South Facades					
			xtent : Light, Area	Affected	: 10%			
		1 : Through						
Masonry: Limestone	25%	0-2	\$129,700	LIFE	* *	5	\$7,400	
	-	-	Extent : Light, Are	ea Affecte	ed : 5%			
**** 1	Location	1 : Through	out					
Windows Steel	15%	0-2	\$39,700	2049	* *	5	\$4,400	
Steel		• =	\$39,700 Extent : Moderate,			3	\$4,400	
			d West Facades	111eu 11jj	2570			
			Extent : Moderate	e, Area A	ffected : 100%			
	-		d West Facades		5			
Wood	85%	0-2	\$162,100	2049	* *	5	\$19,900	
		Inefficient,	Extent : Moderate	e, Area A	ffected : 100%			
	Location	1 : Through	out					
	-		: Moderate, Area	Affected	: 25%			
		ı : Through						
			: Moderate, Area	Affected	: 25%			
	Location	ı : Through	out					
Parapets	000/	0.2	¢0,400		* *	F	¢1 500	
Masonry: Brick	90% Cracking	0-2 Crumbling	\$9,400 Extent : Light, Are	LIFE		5	\$1,500	
	0	crumbling, 1 : Through	0	ги Ајјеси	zu . 1070			
Masonry Limestore	10%	2-4	\$1,400	LIFE	* *	5	\$200	
Masonry: Limestone			\$1,400 Extent : Light, Ar			5	\$200	
		i : Through						
Roof	-	0.						
Modified Bitumen	100%			2029	* *	10	\$9,100	

Interior

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

Asset # : 13382

Component TypeTotal (Years)FY(Yrs)atterior Floors Carpet60% 2-4\$48,8002023\$162,8003\$1Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20% Location : Throughout5%0-2\$600LIFE**5\$Cast in Place Concrete 5% 0-2\$600LIFE**5\$\$Vinyl Tile 15% 2024\$27,1003\$\$Vinyl Tile 15% 2024\$27,1003\$\$Unyl Tile 10% Now\$18,1002034**3\$Location : Third Floors Location : Third Floor 10% 2.24 \$18,100 2034 **3Vinyl Tile 10% 2.4 \$18,100 2034 **3\$Vinyl Tile 10% 2.4 \$18,100 2034 **3Cracking/Crumbling, Extent : Severe, Area Affected : 50% Location : Throughout $Location : Throughout$ $Location : Throughout$ Interior Walls Gypsum Board 20% 2.4 \$3,300LIFE**5\$Plaster 20% 0% 5% $0cation : Third FloorCracking/Crumbling, Extent : Light, Area Affected : 10\%Location : Third FloorCracking/Crumbling, Extent : Severe, Area Affected : 60\%Location : Third FloorCracking/Crumbling, Extent : Severe, Area Affected : 60\%Location : Third FloorCracking/Crumbling, Extent : Severe, Area Affected : 60\%Location : Third FloorCracking/Crumbling, Extent : Severe, Area Af$	се	laintenance	Future Replacement Maintena			lepair	Current F	rchitecture
FloorsCarpet 60% 2-4\$48,800 2023 \$162,8003\$1Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%Location : ThroughoutCast in Place Concrete 5% $0-2$ 5600 $LIFE$ $**$ 5\$Cracking/Crumbling, Extent : Light, Area Affected : 10%Location : ThroughoutVinyl Tile 15% 2024 $$27,100$ 3\$Vinyl Tile 15% 2024 $$27,100$ 3\$Location : And And 4th Floors $Location : 3rd And 4th Floors$ $Location : Throughout$ Location : Throughout 10% 2.4 \$18,100 2034 $**$ 3Vinyl Tile 10% 2.4 \$18,100 2034 $**$ 3Location : Throughout $LIEE$ $**$ 3Cracking/Crumbling, Extent : Severe, Area Affected : 100% Location : Throughout 10% 2.4 \$18,100 2034 $**$ 3Interior Walls 20% 2.4 \$18,100 20% $**$ 5\$Gypsum Board 20% 2.4 \$3,300 $LIFE$ $**$ 5\$Plaster 20% 0.4 \$3,600 $LIFE$ $**$ 5\$Plaster 20% Now\$38,600 $LIFE$ $**$ 5\$Plaster 5% 0.2 \$1,700 $LIFE$ $**$ 5\$Plaster 5% 0.2 \$1,700 $LIFE$ $**$ 5\$Plaster<	ted Cost Priority	Estimated Cost		Estimated Cost		Estimated Cost		Component
$ \begin{array}{c cccc} Carpet & 60\% & 2-4 & \$4\$, \$00 & 2023 & \$162, \$00 & 3 & \$1 \\ PunctTear/Impact Damage, Extent :: Moderate, Area Affected : 20\% \\ Location : Throughout \\ \hline \\ \hline \\ Cast in Place Concrete & \hline & 5\% & 0-2 & \$00 & LIFE & ** & 5 & \$ \\ \hline \\ Cracking/Crumbling, Extent :: Light, Area Affected : 10\% \\ Location : Throughout \\ \hline \\ \hline \\ Vinyl Tile & \hline & 15\% & 2024 & \$27,100 & 3 & \$ \\ \hline \\ Vinyl Tile & \hline & 15\% & 2024 & \$27,100 & 3 & \$ \\ \hline \\ Vinyl Tile & \hline & 10\% & Now & \$18,100 & 2034 & ** & 3 \\ \hline \\ Cracking/Crumbling, Extent :: Severe, Area Affected : 50\% \\ Location : 3rd And 4th Floors \\ Location : Third Floor & \\ \hline \\ Vinyl Tile & \hline & 10\% & 2.4 & \$18,100 & 2034 & ** & 3 \\ \hline \\ Cracking/Crumbling, Extent : Severe, Area Affected : 100\% \\ Location : Throughout & \\ \hline \\ Interior Walls & 20\% & 2.4 & \$3,300 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 00\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 00\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$38,600 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$22,300 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$22,300 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$22,300 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$22,300 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$22,300 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$22,300 & LIFE & ** & 5 & \$ \\ Plaster & \hline & 20\% & Now & \$22,300 & LIFE & *$								terior
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		* • = = • •	-	* • • • • • • •		* 40,000		
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	517,700	\$17,700				amage, Extent : Mo	ct/Tear/Impact D	
Vinyl Tile 10% Now \$18,100 2034 *** 3 Cracking/Crumbling, Extent : Severe, Area Affected : 50% Location : 3rd And 4th Floors Location : Third Floor Vinyl Tile 10% 2-4 \$18,100 2034 ** 3 Cracking/Crumbling, Extent : Severe, Area Affected : 50% Location : Third Floor 100% 2-4 \$18,100 2034 ** 3 Vinyl Tile 10% 2-4 \$18,100 2034 ** 3 Cracking/Crumbling, Extent : Severe, Area Affected : 100% Location : Thiroughout Interior Walls Gypsum Board 20% 2-4 \$3,300 LIFE ** 5 \$ Plaster 60% LIFE ** 5 \$	\$2,100	\$2,100	5			Extent : Light, Are	cking/Crumbling,	
Cracking/Crumbling, Extent : Severe, Area Affected : 50% Location : 3rd And 4th Floors Location : Third Floor Vinyl Tile 10% 2.4 Stating/Crumbling, Extent : Severe, Area Affected : 100% Location : Throughout Interior Walls Gypsum Board 20% 2.4 \$18,100 Quy ** Gypsum Board 20% 2.4 \$3,300 LIFE ** File ** Gypsum Board 20% 2.04 \$3,300 LIFE ** File ** Plaster 60% Plaster 20% Now Stating/Crumbling, Extent : Light, Area Affected : 60% Location : Third Floor Cracking/Crumbling, Extent : Severe, Area Affected : 60% Location : Third Floor Vater Penetration, Extent : Severe, Area Affected : 25% Location : Third Floor Water Penetration, Extent : Severe, Area Affected : 25% Location : Third Floor Exposed Concrete 5% 5% 0-2 St	\$1,100	\$1,100	3	\$27,100	2024		15%	Vinyl Tile
Cracking/Crumbling, Extent : Severe, Area Affected : 100% Location : Throughout Interior Walls 20% 2-4 \$3,300 LIFE ** 5 \$ Gypsum Board 20% 2-4 \$3,300 LIFE ** 5 \$ Plaster Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout Plaster 60% LIFE ** 5 \$ Plaster 20% Now \$38,600 LIFE ** 5 \$ Broken/Missing Elements, Extent : Severe, Area Affected : 60% Location : Third Floor Cracking/Crumbling, Extent : Moderate, Area Affected : 60% Location : Third Floor Cracking/Crumbling, Extent : Severe, Area Affected : 60% Location : Third Floor Ceilings AcousTileConcealSpLn Exposed Concrete 5% 0-2 \$1,700 LIFE ** 5 S% 2029 ** 5 Vaction : Throughout Plaster 70% Liffe ** 5 Plaster 20% Now \$22,300 LIFE ** 5 Plaster 20% Now \$22,300 LIFE ** 5 Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : 3rd And 4th Floors	\$700	\$700	3	ted : 50%	rea Affect	Extent : Severe, At 4th Floors Severe, Area Affec	cking/Crumbling, ocation : 3rd And se Units, Extent :	·
Gypsum Board 20% 2-4 \$3,300 LIFE ** 5 \$\$ Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout 60% LIFE ** 5 \$\$ Plaster 60% Now \$38,600 LIFE ** 5 \$\$ Plaster 20% Now \$38,600 LIFE ** 5 \$\$ Broken/Missing Elements, Extent : Severe, Area Affected : 60% Location : Third Floor Cracking/Crumbling, Extent : Moderate, Area Affected : 60% Location : Third Floor Ceilings AcousTileConcealSpLn 5% 2029 ** 5 \$ AcousTileConcealSpLn 5% 0-2 \$1,700 LIFE ** 5 \$ Exposed Concrete 5% 0-2 \$1,700 LIFE ** 5 \$ Plaster 70% LIFE ** 5 \$ \$ Plaster 20% Now \$22,300 LIFE ** 5 \$ Plaster 20% Now \$22,300 LIFE ** 5 \$	\$700	\$700	3			Extent : Severe, A	cking/Crumbling,	
Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout Plaster 60% LIFE *** 5 \$ Plaster 20% Now \$38,600 LIFE *** 5 \$ Broken/Missing Elements, Extent : Severe, Area Affected : 60% Location : Third Floor Cracking/Crumbling, Extent : Moderate, Area Affected : 60% Location : Third Floor Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : Third Floor Water Penetration, Extent : Severe, Area Affected : 25% Location : Third Floor Ceilings AcousTileConcealSpLn 5% 0.2 \$1,700 LIFE ** 5 Exposed Concrete 5% 0-2 \$1,700 LIFE ** 5 Plaster 70% LIFE ** 5 \$ Plaster 20% Now \$22,300 LIFE * \$ \$ Plaster 20% Now \$22,300 LIFE * \$ \$ Plaster 20% Now \$22,300 LIFE * \$ \$ Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : 3rd And 4th								
Plaster20% Now\$38,600LIFE**5\$Broken/Missing Elements, Extent : Severe, Area Affected : 60% Location : Third Floor Water Penetration, Extent : Moderate, Area Affected : 60% Location : Third FloorCracking/Crumbling, Extent : Severe, Area Affected : 60% Location : Third FloorCeilings AcousTileConcealSpLn5%2029**55%0-2\$1,700LIFE**Exposed Concrete5%0-2\$1,700LIFE**Plaster70%LIFE**5\$Plaster20%Now\$22,300LIFE**5\$Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : 3rd And 4th FloorsLocation : 3rd And 4th Floors\$	\$4,400	\$4,400	5			Extent : Light, Are	cking/Crumbling,	
Broken/Missing Elements, Extent : Severe, Area Affected : 60% Location : Third Floor Cracking/Crumbling, Extent : Moderate, Area Affected : 60% Location : Third Floor Water Penetration, Extent : Severe, Area Affected : 25% Location : Third Floor Ceilings AcousTileConcealSpLn 5% 2029 ** 5 Scation : Throughout Plaster 70% LIFE Value Plaster 20% Now \$22,300 LIFE ** 5 Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : 3rd And 4th Floors Cracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : 3rd And 4th Floors	\$6,700	\$6,700	5	* *	LIFE		60%	Plaster
Location : Third Floor Water Penetration, Extent : Severe, Area Affected : 25% Location : Third Floor Ceilings AcousTileConcealSpLn 5% 2029 ** 5 Exposed Concrete 5% 0-2 \$1,700 LIFE ** Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout Plaster 70% LIFE ** 20% Now \$22,300 LIFE Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : 3rd And 4th Floors Cracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : 3rd And 4th Floors	\$2,200	\$2,200	5			ents, Extent : Sever	ken/Missing Elem	
Location : Third Floor Ceilings AcousTileConcealSpLn 5% 2029 ** 5 \$ Exposed Concrete 5% 0-2 \$1,700 LIFE ** 5 Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout Location : Throughout ** 5 \$ Plaster 70% LIFE ** 5 \$ Plaster 20% Now \$22,300 LIFE ** 5 \$ Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : 3rd And 4th Floors Cracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : 3rd And 4th Floors				fected : 60%	e, Area Af			
AcousTileConcealSpLn 5% 2029 ** 5 \$ Exposed Concrete 5% 0-2 \$1,700 LIFE ** 5 Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout Location : Throughout ** 5 \$ Plaster 70% LIFE ** 5 \$ Plaster 20% Now \$22,300 LIFE ** 5 \$ Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : 3rd And 4th Floors Cracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : 3rd And 4th Floors				1 : 25%	a Affectea			
Exposed Concrete 5% 0-2 \$1,700 LIFE ** 5 Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout 10% Location : Throughout Plaster 70% LIFE ** 5 \$\$ Plaster 20% Now \$\$22,300 LIFE ** 5 \$\$ Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : 3rd And 4th Floors Cracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : 3rd And 4th Floors	\$1.2 00	* • • =	_				5 0/	e
Exposed Concrete 3% 0-2 \$1,700 Entre 5 Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout 5 Plaster 70% LIFE ** 5 \$ Plaster 20% Now \$22,300 LIFE ** 5 \$ Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : 3rd And 4th Floors Cracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : 3rd And 4th Floors	\$1,200					¢1 700		1
Plaster20% Now\$22,300LIFE**5\$Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : 3rd And 4th FloorsLocation : 3rd And 4th FloorsCracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : 3rd And 4th Floors	\$200	\$200	5			Extent : Light, Are	cking/Crumbling,	Exposed Concrete
Plaster20% Now\$22,300LIFE**5\$Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : 3rd And 4th FloorsLocation : 3rd And 4th FloorsCracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : 3rd And 4th Floors	\$8,600	\$8,600	5	* *	LIFE		70%	Plaster
Location : 3rd And 4th Floors Cracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : 3rd And 4th Floors	\$2,500		5	* *		\$22,300	20% Now	Plaster
Location : 3rd And 4th Floors						4th Floors	ocation : 3rd And	
water renetration, Extent : Moderate, Area Affected : 50%						4th Floors	ocation : 3rd And	
Location : 3rd And 4th Floors				neu : 50%	area Affec			

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

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

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

Asset # : 13382

Electrical	С	urrent Repair	Futur	e Replacement	Μ	aintenance	
System Component Type		il Date Estimated Cost (ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2024	\$1,600	5	\$100	
		ation, Extent : Moderate, A	Area Affe	ected : 100%			
		Electrical Room					
	Explanation	: One 400 Amps Main Di	sconnect	Switch			
Raceway Conduit	800/		2024	¢27.200	1		
Conduit	80% 20%		2024 2034	\$27,200 * *	1		
	20%		2034	4.4.	1		
Panelboards Fused Disc Sw	50/		2022	\$200	5		
Molded Case Bkrs	5% 75%		2023 2023	\$800 \$12,100	5	\$300	
Molded Case Bkrs	75% 20%		2025	\$12,100 * *	5 5	\$100	
Wiring	20%		2032		5	\$100	
Braided Cloth	70%	2-4 \$21,000	2049	* *	1		
Braided Cloth		ed, Extent : Moderate, Are		vd · 100%	1		
	Location : 1		ungeen	<i>a</i> . 10070			
Thermoplastic	30%	in oughour	2034	* *	1		
Motor Controllers	30%		2054		1		
Locally Mounted	100%		2022	\$32,700	5	\$100	
round	10070		2022	\$52,700	5	φ100	
Grounding Devices							
Generic	100%	2-4 \$10,300	LIFE	* *	5	\$200	
		ation, Extent : Moderate, A		ected : 100%	-	+ - • •	
	Location : V		55				
	Explanation	: Corroded					
ighting	-						
Interior Lighting							
Fluorescent	50%		2029	* *	10	\$6,000	
	Other Observ	ation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : 1	st, 2nd Floors Reading Ar	ea				
	Explanation	: T-5 Lamps					
Fluorescent	35%		2019	\$164,500	10	\$4,200	
	Other Observ	ation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : 1	st, 2nd Floors Library Sta	ff Offices	5			
	Explanation	: T-12 Lamps					
Incandescent	15%		2019	\$70,500	2		
Egress Lighting							
Emergency, Battery	50%		2019	\$9,600	10	\$1,600	
Exit, Service	50%		2019	\$1,000	1		
Exterior Lighting							
HID	100%		2019	\$53,600	10		
Mechanical	C	urrent Repair	Futur	e Replacement	M	aintenance	
System Component	% of Fa	il Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit

System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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

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

Asset # : 13382

Mechanical	Current Repair Future Replacement Maintenance						
	Current Repair				Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating							
Energy Source							
Natural Gas	100%		2034	* *	1		
Conversion Equipment							
Under Construction	100%						
		servation, Extent : Light, Arec	ı Affected	!:0%			
		n : Basement					
	Explana	tion : Replacement					
Distribution							
Hot Wtr Piping/Pump	100%		2032	* *	4	\$600	
Terminal Devices							
Air Handler	40%		2024	\$30,600	1	\$3,200	
Convector/Radiator	60%		2029	* *	1	\$2,500	
Air Conditioning							
Energy Source	1000/		2022	* *	1		
Electricity	100%		2032	* *	1		
Conversion Equipment	750/		2024	¢26.200	1	¢4.600	
Reciprocating	75%		2024	\$36,200	1	\$4,600	
Compr/Chiller	D 22 Dafr	igerant, Extent : Light, Area A	Affected .	750/			
		n : 3rd Floor	ijjecieu .	15/0			
		servation, Extent : Moderate,	Area Affa	ected · 70%			
		n : 1st And 2nd Floors	111eu 11jje				
		tion : Not Enough Cooling					
No Component							
No Component Terminal Devices	25%						
Air Handler/Cool/Ht	75%		2024	\$33,900	1	\$6,100	
No Component	25%		2024	\$33,900	1	\$0,100	
Heat Rejection	2,370						
Air Condenser Unit	75%		2024	\$16,000	2	\$6,900	
No Component	25%		2024	\$10,000	2	φ0,900	
/entilation	2370						
Distribution							
Ductwork/Diffusers	40%		LIFE	* *	2-5	\$2,900	
No Component	60%		211 2		- 0	¢ _, ,, o o	
Exhaust Fans	0070						
Interior	40%		2024	\$6,300	2	\$200	
No Component	60%			+ • ,• • •	_	+	
lumbing	/ 0						
H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater							
Gas Fired	100%		2022	\$3,300	2	\$200	
Sanitary Piping						•	
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
	10070				1		

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

Asset # : 13382

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

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