

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : 115TH STREET BRANCH LIBRARY
Address : 203 WEST 115TH ST. NEAR ADAM CLAYTON POWELL JR BLVD
Borough : MANHATTAN **Agency's Number** : 001
Program / Asset # : NPL0001.000 / 13353 **Yr Built/Renovated** : 1908 / 2006
Area Sq Ft : 13,800 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 16-May-2017 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1831 **Lot** : 26 **BIN** : 1055236

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$57,200	\$80,100
Interior Architecture	\$113,300	
Electrical		\$1,500
Mechanical		\$302,300
Total	\$170,500	\$384,000
Importance Code A	\$57,200	\$190,300
Importance Code B	\$113,300	\$193,700
Total	\$170,500	\$384,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$101,500			
Interior Architecture	\$87,700		\$1,000	\$2,400
Electrical	\$1,600	\$1,100	\$1,400	\$1,100
Mechanical	\$12,500	\$1,800	\$2,600	\$1,800
Site Enclosure	\$1,200			
Site Pavements	\$15,400			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$223,800	\$6,900	\$9,000	\$9,300
Importance Code A	\$102,200	\$700	\$700	\$700
Importance Code B	\$91,600	\$6,200	\$8,300	\$8,200
Importance Code C	\$30,100			\$400
Total	\$223,800	\$6,900	\$9,000	\$9,300



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

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
115TH STREET BRANCH LIBRARY
Asset # : 13353

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	60%			LIFE	* *	5	\$39,500	
	Masonry: Limestone	25%	Now	\$22,000	LIFE	* *	5	\$6,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%									
Location : Flag Pole Anchors Disassembled And Hanging Precariously									
	Metal Panel	10%			2038	* *	5-10	\$22,600	
	Slate Panels	2%			LIFE	* *	5	\$1,000	
	Wood	3%	Now	\$57,200	2048	* *	5	\$2,500	
Dry Rot/Decay, Extent : Moderate, Area Affected : 50%									
Location : Window Trim - West 115th Street Facade									
Windows									
	Aluminum	50%	Now	\$23,100	2036	* *	5	\$1,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%									
Location : Rear Facade Windows									
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%									
Location : Rear Facade Windows									
	Wood	50%	0-2	\$15,500	2036	* *	5	\$12,500	
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%									
Location : Rails And Glazing Bars - West 115th St Facade									
On Extended Life, Extent : Moderate, Area Affected : 100%									
Location : Windows On West 115th Street Facade									
Parapets									
	Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	\$1,500	
	Masonry: Brick	85%	Now	\$5,900	LIFE	* *	5	\$900	
Diagonal Cracks, Extent : Light, Area Affected : 10%									
Location : Rear Facade - Outer Parapet Wall									
Water Penetration, Extent : Severe, Area Affected : 10%									
Location : Rear Facade - Above 3rd Floor Staff Lounge									
	Masonry: Limestone	5%			LIFE	* *	5-10	\$700	
	Pre-Cast Concrete	2%			LIFE	* *	5	\$300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%									
Location : Coping Stones									
	Slate	3%			LIFE	* *	5	\$100	

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NEW YORK PUBLIC LIBRARY - 035
115TH STREET BRANCH LIBRARY
Asset # : 13353

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	45%	0-2	\$1,700	2031		* *		
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 15%								
Location : Base Shingles At Roof Above 3rd Floor Community Room								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Roof Above 3rd Floor Community Room								
Modified Bitumen	50%	2-4	\$3,200	2028	\$31,600			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Flat Roof At Rear Of Building								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor Staff Offices								
Skylight, Metal/Glass	5%	Now	\$8,000	2028	\$80,100			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above Staff Offices - 3rd Floor								
Interior								
Floors								
Carpet	10%	0-2	\$29,100	2030		* *	3	\$3,100
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 1st Floor Reading Area								
Cast in Place Concrete	7%	Now	\$3,300	LIFE		* *	5	\$3,200
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Mechanical Spaces Throughout Basement								
Ceramic Tile	3%			2037		* *	5	\$600
Marble Panels	5%			LIFE		* *	5	\$1,600
Slate	2%			LIFE		* *	5	\$900
Terrazzo	5%			LIFE		* *	5	\$1,600
Vinyl Tile	25%	Now	\$48,500	2038		* *	3	\$1,900
Broken/Missing Elements, Extent : Severe, Area Affected : 75%								
Location : Basement And 3rd Floor Corridors / Staff Offices								
Uneven Substrate, Extent : Moderate, Area Affected : 50%								
Location : Basement And 3rd Floor Corridors / Staff Offices								
Water Penetration, Extent : Severe, Area Affected : 35%								
Location : Basement								
Wood	43%	0-2	\$64,800	2043		* *	5	\$8,300
Deflection Evident, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Reading Area, 3rd Floor Community Room								
Deteriorated Finish, Extent : Moderate, Area Affected : 35%								
Location : 2nd Floor Reading Area, 3rd Floor Community Room								

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NEW YORK PUBLIC LIBRARY - 035
115TH STREET BRANCH LIBRARY
Asset # : 13353

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	3%			2037	**	5	\$900	
	Glass: Single Pane	5%			LIFE	**	5	\$2,200	
	Gypsum Board	15%			LIFE	**	5-10	\$7,300	
	Masonry: Brick	3%			LIFE	**	10	\$300	
	Plaster	57%	Now	\$14,500	LIFE	**	5	\$4,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%									
Location : Basement Walls									
Water Penetration, Extent : Severe, Area Affected : 15%									
Location : Basement And 3rd Floor Staff Lounge									
	Wood	17%	4+	\$7,500	LIFE	**	5	\$19,500	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%									
Location : 2nd Floor Childrens Reading Area									
Ceilings									
	AcousTile,Adhered	10%			2026	\$21,200	5	\$2,100	
	Plaster	25%			LIFE	**	5-10	\$8,900	
	Plaster	65%	Now	\$19,500	LIFE	**	5	\$8,400	
Water Penetration, Extent : Severe, Area Affected : 10%									
Location : 3rd Floor Staff Lounge And Staff Offices									
Site Enclosure									
Fence/Gates									
	Chain link	100%	2-4	\$1,200	2038	**			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%									
Location : Rear Yard									
Impact Damage, Extent : Moderate, Area Affected : 20%									
Location : Rear Yard									
Site Pavements									
Public Sidewalk									
	Cast in Place Concrete	100%			2041	**			
On-Site Walkways									
	Masonry: Granite	100%	Now	\$800	LIFE	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Curbing At Entry Ramp									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
Location : Entry Landing And Ramp									
Activity Yard									
	Cast in Place Concrete	100%	Now	\$14,600	2048	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%									
Location : Rear Yard In State Of Severe Disrepair - Rendered Inaccessible									

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

Under 600 Volts

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Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2048	* *	5	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Main Service Disconnect Switch Rated @ 800 Amperes							
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2048	* *	5	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : 2- Vertical Sections							
	Raceway								
	Conduit	100%			2048	* *	1		
	Panelboards								
	Fused Disc Sw	5%			2044	* *	5		
	Molded Case Bkrs	95%			2044	* *	5	\$300	
	Wiring								
	Thermoplastic	100%			2048	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2041	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$400	
Lighting									
	Interior Lighting								
	Fluorescent	90%			2033	* *	10	\$11,400	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
	Fluorescent	5%			2033	* *	10	\$600	
		T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : 3rd Floor							
	Fluorescent	3%			2033	* *	10	\$400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Staircases							
		Explanation : Compact Fluorescent Light Fixtures							
	Fluorescent	1%			2023	\$1,500	10	\$100	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
	Incandescent	1%			2023	\$1,500	2		
	Egress Lighting								
	Emergency, Battery	50%			2033	* *	10	\$1,700	
	Exit, LED	30%			2056	* *	1		
	Exit, Service	20%			2033	* *	1		
	Exterior Lighting								
	Incandescent	10%			2028	\$4,900	2		
	No Component	90%							

Alarm

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115TH STREET BRANCH LIBRARY
Asset # : 13353

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

Alarm

Security System

No Component

30%

Generic

70%

2033

* *

1

\$3,600

*Other Observation, Extent : Light, Area Affected : 100%**Location : Reading Areas, Hallways And Outside**Explanation : CCTV Surveillance Cameras*

Fire/Smoke Detection

Generic, Digital

100%

2033

* *

1-3

\$8,500

*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout The Building**Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns*

Mechanical		Current Repair		Future Replacement		Maintenance		
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%

2038

* *

1

*Other Observation, Extent : Severe, Area Affected : 1%**Location : Basement**Explanation : Notice: Gas Meter Is Located Next To Electrical Control Board*

Conversion Equipment

Hot Water Boiler

100%

2026

\$110,100

1

\$6,800

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement Boiler Room**Explanation : 1 Unit*

Distribution

Hot Wtr Piping/Pump

100%

Now

\$1,100

2027

\$22,300

4

\$700

*Other Observation, Extent : Severe, Area Affected : 10%**Location : Basement**Explanation : 1 Out Of 2 Circulating Pumps Is Obsolete And Rusted. Replacement Needed.*

Terminal Devices

Convactor/Radiator

100%

2026

\$76,500

1

\$4,500

Air Conditioning

Energy Source

Electricity

100%

2036

* *

1

Conversion Equipment

Exterior Pkg Unit - Cooling

100%

2028

\$115,700

2

\$800

*R-22 Refrigerant, Extent : Light, Area Affected : 100%**Location : 4 Units. Roof**Other Observation, Extent : Light, Area Affected : 100%**Location : Roof**Explanation : 4 Roof Top Units*

Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

* *

2-5

\$12,200

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NEW YORK PUBLIC LIBRARY - 035
115TH STREET BRANCH LIBRARY
Asset # : 13353

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
	Exhaust Fans								
	Roof	100%			2028	\$23,700	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%	Now	\$5,300	2038	* *	1		
	Booster Pump w/Tank, Extent : Severe, Area Affected : 20%								
	Location : 1 Out Of 2 Units Is Rusted. Replacement Needed. Basement								
	Water Heater								
	Gas Fired	100%			2023	\$8,700	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : B- 3rd Floor								
	Explanation : 1 Unit								
Fire Suppression									
	Sprinkler								
	No Component	60%							
	Generic	40%			2038	* *	1-2	\$1,500	
	Fire Pump								
	Generic	100%			2031	* *	1	\$2,600	
	Corroded, Extent : Severe, Area Affected : 70%								
	Location : Replacement Has Been Scheduled. Basement								

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Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : 125TH STREET BRANCH LIBRARY
Address : 224 EAST 125TH ST. NEAR THIRD AVE.
Borough : MANHATTAN **Agency's Number** : O02
Program / Asset # : NPL0002.000 / 13354 **Yr Built/Renovated** : 1904 / 2010
Area Sq Ft : 14,013 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 31-May-2017 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1789 **Lot** : 37 **BIN** : 1054674

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$247,500	
Interior Architecture	\$151,400	
Electrical		\$35,700
Site Enclosure		\$98,000
Total	\$398,900	\$133,700
Importance Code A	\$247,500	
Importance Code B	\$76,500	\$133,700
Importance Code C	\$74,900	
Total	\$398,900	\$133,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$27,400		\$1,600	
Interior Architecture	\$39,400		\$2,500	\$7,300
Electrical	\$1,400	\$1,200	\$1,500	\$1,300
Mechanical	\$8,500	\$4,000	\$2,900	\$3,700
Site Enclosure	\$9,800			
Site Pavements	\$31,400			
Total	\$117,900	\$5,200	\$8,400	\$12,300
Importance Code A	\$28,100	\$700	\$2,300	\$700
Importance Code B	\$81,600	\$4,500	\$5,100	\$11,600
Importance Code C	\$8,100		\$1,000	
Total	\$117,900	\$5,200	\$8,400	\$12,300



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NEW YORK PUBLIC LIBRARY - 035
125TH STREET BRANCH LIBRARY
Asset # : 13354

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	75%			LIFE	**	5	\$42,200	
	Masonry: Limestone	25%	Now	\$94,400	LIFE	**	5	\$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : North (Street) Façade									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
Location : North (Street) Façade									
Windows									
	Aluminum	42%	Now	\$48,500	2036	**	5	\$1,000	
Misaligned/Bulging, Extent : Moderate, Area Affected : 50%									
Location : Interior Side Of Windows Throughout									
Unit Inoperable, Extent : Moderate, Area Affected : 50%									
Location : Interior Side Of Windows Throughout									
	Metal Louvers	5%			2031	**	10	\$1,600	
	Wood	43%	2-4	\$89,200	2053	**	5	\$10,700	2
Split/Cracked, Extent : Severe, Area Affected : 100%									
Location : Exterior Side Of Window Openings On North And South Facades									
Worn/Eroded, Extent : Moderate, Area Affected : 20%									
Location : Exterior Side Of Window Openings On North And South Facades									
	Wood	10%	Now	\$15,500	2053	**	5	\$2,500	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%									
Location : 3rd Floor Transom Windows At Air Handler Room									
Parapets									
	Masonry: Brick	65%			LIFE	**	5-10	\$5,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%									
Location : Throughout									
	Masonry: Limestone	10%	Now	\$1,000	LIFE	**	5	\$200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%									
Location : North, East And West Facades									
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : Coping Stones									
	Metal Panel	20%			2038	**	5	\$900	
	Slate	5%	0-2	\$700	LIFE	**	5	\$100	
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : Coping Stones									
Roof									
	Modified Bitumen	95%			2033	**	10	\$9,400	
	Skylight, Metal/Glass	5%			2054	**	10	\$1,700	

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NEW YORK PUBLIC LIBRARY - 035
125TH STREET BRANCH LIBRARY
Asset # : 13354

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									
Floors									
	Carpet	70%			2024	\$207,200	3	\$29,400	
	Ceramic Tile	5%			2031	**	5	\$1,000	
	Vinyl Tile	15%			2033	**	3	\$1,200	
	Wood	10%	Now	\$76,500	2068	**	5	\$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%									
Location : Retrofitted Air Handler Room And Old Custodial Apartment									
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : Retrofitted Air Handler Room And Old Custodial Apartment									
Interior Walls									
	Ceramic Tile	5%			2031	**	5	\$2,000	
	Glass: Single Pane	5%			LIFE	**	5	\$3,000	
	Gypsum Board	15%			LIFE	**	5-10	\$10,300	
	Plaster	60%	4+	\$21,400	LIFE	**	5	\$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 15%									
Location : 1st Floor Reading Area									
Water Penetration, Extent : Light, Area Affected : 20%									
Location : 2nd Floor Reading Area And Staff Offices									
	Plaster	15%	Now	\$53,500	LIFE	**	5	\$1,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%									
Location : Retrofitted Air Handler Room And Old Custodial Apartment									
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%									
Location : Retrofitted Air Handler Room And Old Custodial Apartment									
Water Penetration, Extent : Moderate, Area Affected : 25%									
Location : Retrofitted Air Handler Room And Old Custodial Apartment									
Ceilings									
	AcousTile,Adhered	5%			2033	**	5	\$1,100	
	AcousTileSusp.Lay-In	5%			2041	**	5	\$1,100	
	Exposed Concrete	10%			LIFE	**	5-10	\$2,600	
	Gypsum Board	10%			LIFE	**	5-10	\$7,300	
	Plaster	60%			LIFE	**	5-10	\$21,800	
	Plaster	10%	Now	\$3,100	LIFE	**	5	\$1,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
Location : Throughout 3rd Floor									
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Third Floor									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Third Floor									
Site Enclosure									
Fence/Gates									
	Chain link	100%			2048	**			
Retaining Walls									
	Masonry: Brick	100%	2-4	\$9,800	2028	\$98,000			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
Location : Rear Yard Lot Line Wall									
Spalling, Extent : Moderate, Area Affected : 25%									
Location : Rear Yard Lot Line Wall									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
125TH STREET BRANCH LIBRARY
Asset # : 13354

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

Site Pavements

Public Sidewalk

Cast in Place Concrete	100%			2041		* *	
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Activity Yard

Cast in Place Concrete	100%	Now	\$31,400	2048		* *	
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*Sinking/Subsiding, Extent : Severe, Area Affected : 25%**Location : Rear Yard**Tripping Hazard, Extent : Severe, Area Affected : 35%**Location : Rear Yard*

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

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2028	\$1,600	5	\$400
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : Main Service Disconnect Switch In The Switchboard And Rated @ 400 Amperes.*

Switchgear / Switchboard

Molded Case Bkrs	100%			2028	\$35,700	5	\$400
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : 1- Vertical Sections*

Raceway

Conduit	95%			2028	\$32,900	1	
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Conduit	5%			2048	* *	1	
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Panelboards

Fused Disc Sw	5%			2027	\$800	5	
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Molded Case Bkrs	25%			2044	* *	5	\$100
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Molded Case Bkrs	70%			2027	\$11,600	5	\$300
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Wiring

Thermoplastic	25%			2048	* *	1	
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Thermoplastic	75%			2028	\$23,000	1	
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Motor Controllers

Locally Mounted	80%			2026	\$26,700	5	\$100
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Locally Mounted	20%			2041	* *	5	
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Ground

Grounding Devices

Generic	100%			LIFE	* *	5	\$400
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Lighting

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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NEW YORK PUBLIC LIBRARY - 035
125TH STREET BRANCH LIBRARY
Asset # : 13354

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
Interior Lighting	Fluorescent	80%			2033	* *	10	\$10,300	
	T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location : Reading Areas								
	Fluorescent	15%			2033	* *	10	\$1,900	
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location : Offices And Basement								
	Fluorescent	5%			2033	* *	10	\$600	
	Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
	Location : Basement								
Egress Lighting									
	Emergency, Battery	50%			2028	\$10,400	10	\$1,700	
	Exit, LED	20%			2043	* *	1		
	Exit, Service	30%			2028	\$700	1		
Exterior Lighting									
	HID	20%			2028	\$11,700	10		
	No Component	80%							
Alarm									
Security System	No Component	30%							
	Generic	70%			2036	* *	1	\$3,700	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Reading Areas, Hallways								
Explanation : CCTV Surveillance Cameras									
Fire/Smoke Detection									
	Generic, Digital	100%			2036	* *	1-3	\$8,600	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								
Mechanical									
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%			2048	* *	1		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : In Vault								
	Explanation : Old Oil Tank Is Still Present								
Conversion Equipment									
Hot Water Boiler	Hot Water Boiler	100%			2045	* *	1	\$6,900	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 1 Unit								
Distribution									
	Hot Wtr Piping/Pump	100%			2036	* *	4	\$1,000	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

NEW YORK PUBLIC LIBRARY - 035
125TH STREET BRANCH LIBRARY
Asset # : 13354

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	100%			2033	**	1	\$4,500	
Air Conditioning								
Energy Source								
Electricity	100%			2036	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2036	**	1	\$5,900	
		Other Observation, Extent : Light, Area Affected : 90% Location : 2 Units In Back Yard, 1 Unit On Roof Explanation : 3 Units. R-410a						
No Component	10%							
Terminal Devices								
Air Handler/Dir Expansion	90%			2036	**	1		
No Component	10%							
Heat Rejection								
Air Cooled Condenser Unit	90%			2036	**	2	\$8,800	
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	**	2-5	\$9,900	
Ductwork/Diffusers	20%			LIFE	**	2-5	\$2,500	
Exhaust Fans								
Interior	100%			2036	**	2	\$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2038	**	1		
Water Heater								
Gas Fired	100%			2027	\$8,800	2	\$200	
Sanitary Piping								
Cast Iron	100%	Now	\$2,100	LIFE	**	1		
		Blockage /Clogged, Extent : Moderate, Area Affected : 5% Location : Water Backs Up In Basement When It Rains.						
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2038	**	1-2	\$800	

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 23-May-2017 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors LL,1,2,3
Block : 1441 **Lot** : 38 **BIN** : 1044749

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$178,300	
Interior Architecture	\$166,200	
Electrical		\$3,300
Mechanical	\$137,100	\$36,200
Total	\$481,600	\$39,500
Importance Code A	\$178,300	\$36,200
Importance Code B	\$303,300	\$3,300
Total	\$481,600	\$39,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$25,800		\$3,800	
Interior Architecture	\$39,100		\$1,500	
Electrical	\$11,700	\$1,500	\$1,900	\$1,500
Mechanical	\$20,500	\$1,200	\$2,800	\$1,100
Site Enclosure	\$5,400			
Site Pavements	\$4,800			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$111,400	\$6,700	\$14,000	\$6,600
Importance Code A	\$26,600	\$800	\$4,700	\$800
Importance Code B	\$66,200	\$5,900	\$8,900	\$5,700
Importance Code C	\$18,700		\$400	
Total	\$111,400	\$6,700	\$14,000	\$6,600



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 Estimates are rounded to the nearest hundred dollars.

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NEW YORK PUBLIC LIBRARY - 035
67TH STREET BRANCH LIBRARY
Asset # : 13366

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	\$79,300	LIFE	* *	5	\$8,700	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : South Facade								
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : Rear Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 20%								
Location : South (Rear) Facade Between 1st And 2nd Floors								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : South (Rear) Façade								
Masonry: Granite	5%			LIFE	* *	5	\$1,100	
Masonry: Limestone	25%			LIFE	* *	5	\$5,400	
Metal Panel	5%			2038	* *	5-10	\$5,000	
Slate Panels	2%	Now	\$15,300	LIFE	* *	5	\$200	
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Window Sills - South Facade								
Window Wall	3%	Now	\$36,900	2058	* *	5	\$800	
Dry Rot/Decay, Extent : Severe, Area Affected : 50%								
Location : Window Trims - North (Street) Façade								
Windows								
Aluminum	80%			2044	* *	5	\$3,100	
Wood	20%			2036	* *	5	\$7,700	
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	\$5,100	
Masonry: Limestone	5%			LIFE	* *	5-10	\$500	
Masonry: Limestone	10%			LIFE	* *	5-10	\$1,100	
Roof								
Modified Bitumen	100%	2-4	\$62,100	2038	* *			2
Blisters, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Seams Open/Split, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Within Old Penthouse Apartment And 3rd Floor Main Roof								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

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.

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NEW YORK PUBLIC LIBRARY - 035
67TH STREET BRANCH LIBRARY
Asset # : 13366

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								
Floors								
Cast in Place Concrete	10%	0-2	\$2,600	LIFE	**	5	\$5,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Seeping Through Basement Slab At Janitor Room								
Ceramic Tile	3%			2031	**	5	\$700	
Marble Panels	5%	Now	\$18,100	LIFE	**	5	\$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : At Entrance								
Terrazzo	5%			LIFE	**	5	\$1,900	
Vinyl Tile	25%			2033	**	3	\$2,300	
Wood	47%	Now	\$77,500	2043	**	5	\$10,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout 1st, 2nd And 3rd Floors								
Wood	5%	Now	\$41,200	2068	**	5	\$1,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Old Apartment								
Dry Rot/Decay, Extent : Severe, Area Affected : 25%								
Location : Old Apartment								
Interior Walls								
Ceramic Tile	5%			2031	**	5	\$800	
Glass: Single Pane	2%			LIFE	**	5	\$500	
Gypsum Board	15%			LIFE	**	5-10	\$3,900	
Marble Panels	3%			LIFE	**	10	\$200	
Plaster	65%			LIFE	**	5-10	\$8,400	
Plaster	5%	Now	\$6,100	LIFE	**	5	\$200	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Old Apartment								
Loose/Delam Surface, Extent : Severe, Area Affected : 50%								
Location : Old Apartment								
Wood	5%			LIFE	**	5	\$6,000	
Ceilings								
Plaster	95%	Now	\$31,200	LIFE	**	5	\$14,600	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 3rd Floor Computer Room And 2nd Floor Reading Area								
Plaster	5%	Now	\$16,400	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								
Site Enclosure								
Fence/Gates								
Chain link	50%			2038	**			
Iron Picket	50%			2048	**			

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

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

NEW YORK PUBLIC LIBRARY - 035
67TH STREET BRANCH LIBRARY
Asset # : 13366

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	

Site Enclosure

Retaining Walls

Masonry: Brick

50% 0-2 \$4,200 2038 * *

*Misaligned/Bulging, Extent : Moderate, Area Affected : 25%**Location : Rear Yard*

Masonry: Fieldstone

50% Now \$1,300 2038 * *

*Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%**Location : At Front Areaway**Other Observation, Extent : Light, Area Affected : 100%**Location : Main Entrance And Areaway**Explanation : Component Actually Granite Panels*

Site Pavements

Public Sidewalk

Cast in Place Concrete

100% 2041 * *

On-Site Walkways

Cast in Place Concrete

40% 2041 * *

*Other Observation, Extent : Light, Area Affected : 100%**Location : Street Facade**Explanation : Ramp To Main Entrance*

Masonry: Granite

60% Now \$1,200 LIFE * *

*Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%**Location : Main Entry Landing, Ramp And Stairs*

Activity Yard

Cast in Place Concrete

100% 2-4 \$3,600 2033 * *

*Cracking/Crumbling, Extent : Moderate, Area Affected : 25%**Location : Rear Yard*

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100% 2048 * * 5 \$100

*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : Main Service Switch Rated @ 800 Amperes*

Switchgear / Switchboard

Fused Disc Sw

100% 2048 * * 5 \$100

*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : 1- Vertical Section*

Raceway

Conduit

50% 2028 \$15,900 1

Conduit

50% 2048 * * 1

Panelboards

Fused Disc Sw

2% 2044 * * 5

Molded Case Bkrs

98% 2044 * * 5 \$400

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

NEW YORK PUBLIC LIBRARY - 035
67TH STREET BRANCH LIBRARY
Asset # : 13366

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	70%			2048	**	1		
Thermoplastic	30%			2028	\$8,400	1		
Motor Controllers								
Locally Mounted	80%			2041	**	5	\$100	
Locally Mounted	20%			2033	**	5		
Ground								
Grounding Devices								
Generic	100%	4+	\$9,600	LIFE	**	5	\$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	82%			2033	**	10	\$12,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Compact Fluorescent Light Fixtures								
Fluorescent	12%			2033	**	10	\$1,800	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Staircases								
Fluorescent	4%			2033	**	10	\$600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Offices								
Fluorescent	2%			2023	\$3,300	10	\$300	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Egress Lighting								
Emergency, Battery	50%			2033	**	10	\$2,000	
Exit, LED	50%			2056	**	1		
Exterior Lighting								
HID	10%			2028	\$6,300	10		
Incandescent	10%			2028	\$5,400	2		
No Component	80%							
Alarm								
Security System								
Generic	100%			2033	**	1	\$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2033	**	1-3	\$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
67TH STREET BRANCH LIBRARY
Asset # : 13366

Mechanical		Current Repair			Future Replacement		Maintenance		
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%			2038	* *	1		
	Conversion Equipment								
	Furnace	70%	Now	\$500	2023	\$25,800	1	\$5,100	
		Leak Evident, Extent : Severe, Area Affected : 2%							
		Location : Connection Between The Gas Pipe And The Unit, Roof							
		Other Observation, Extent : Light, Area Affected : 70%							
		Location : Roof							
		Explanation : 4 Roof Top Package Units							
	Hot Water Boiler	30%			2026	\$36,200	1	\$2,400	
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : Basement Boiler Room							
		Explanation : 1 Unit							
	Distribution								
	Hot Wtr Piping/Pump	30%	Now	\$400	2027	\$7,300	4	\$200	
		Corroded, Extent : Severe, Area Affected : 5%							
		Location : 1 Circulating Pump, Boiler Room							
	No Component	70%							
	Terminal Devices								
	Convactor/Radiator	30%			2026	\$25,100	1	\$1,600	
	No Component	70%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2036	* *	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	70%	0-2	\$137,100	2038	* *	2	\$600	
		R-22 Refrigerant, Extent : Light, Area Affected : 70%							
		Location : 4 Units, Roof							
		Other Observation, Extent : Light, Area Affected : 80%							
		Location : Roof							
		Explanation : 4 Defective Roof Top Package Units							
	Split Unit	10%	Now	\$10,000	2028	\$33,400			
		Not in Service, Extent : Moderate, Area Affected : 10%							
		Location : 2 Units, Roof							
		R-22 Refrigerant, Extent : Light, Area Affected : 20%							
		Location : Roof							
	No Component	20%							
	Terminal Devices								
	Fan Coil - 2 Pipe	10%			2023	\$23,800	1	\$500	
	No Component	90%							
	Heat Rejection								
	Evaporative Condenser	10%			2023	\$3,900	2	\$1,200	
	No Component	90%							
Ventilation									

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

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
67TH STREET BRANCH LIBRARY
Asset # : 13366

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
Distribution									
	Ductwork/Diffusers	100%	0-2	\$7,200	LIFE	**	2-5	\$9,200	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%									
Location : Various Locations									
Exhaust Fans									
	Roof	100%			2023	\$26,000	2	\$500	
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2038	**	1		
Water Heater									
	Gas Fired	100%			2026	\$9,500	2	\$200	
Sanitary Piping									
	Cast Iron	100%			LIFE	**	1		
Storm Drain Piping									
	Cast Iron	100%	Now	\$1,600	LIFE	**	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%									
Location : Basement									
Sump Pump(s)									
	Non-Submersible	100%			2028	\$2,400	4	\$500	
Fixtures									
	Generic	100%							
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement- 3rd Floor									
Explanation : 1 Unit.									

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

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : 96TH STREET BRANCH LIBRARY
Address : 112 EAST 96TH ST. NEAR PARK AVE.
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 : 28-Mar-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1524 **Lot** : 64 **BIN** : 1048501

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$163,300	
Interior Architecture		\$50,700
Electrical	\$114,200	\$76,000
Total	\$277,500	\$126,700
Importance Code A	\$163,300	
Importance Code B	\$114,200	\$126,700
Total	\$277,500	\$126,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$28,600	\$700		
Interior Architecture	\$6,000	\$5,900	\$700	
Electrical	\$8,700	\$300	\$400	\$18,000
Mechanical	\$2,500	\$1,800	\$3,400	\$3,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$49,800	\$12,600	\$8,500	\$25,300
Importance Code A	\$29,300	\$1,400	\$700	\$700
Importance Code B	\$14,500	\$11,200	\$7,900	\$24,600
Importance Code C	\$6,000			
Total	\$49,800	\$12,600	\$8,500	\$25,300



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.

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

NEW YORK PUBLIC LIBRARY - 035
96TH STREET BRANCH LIBRARY
Asset # : 13352

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%	2-4	\$78,400	LIFE	* *	5	\$25,700	
Vegetation Growth, Extent : Moderate, Area Affected : 35%								
Location : Rear Facade								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Various Locations, Rear Facade								
Masonry: Limestone	35%	0-2	\$84,900	LIFE	* *	5	\$10,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Street Facade								
Windows								
Aluminum	30%			2035	* *	5	\$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Windows								
Explanation : Protective Metal Grilles And Double Set Of Windows								
Wood	70%	0-2	\$12,500	2035	* *	5	\$16,400	
Dry Rot/Decay, Extent : Moderate, Area Affected : 25%								
Location : Street Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Street Facade								
Parapets								
Masonry: Brick	55%	Now	\$16,100	LIFE	* *	5	\$900	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : At Corners								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Throughout Rear Parapets								
Masonry: Granite	10%			LIFE	* *	5	\$200	
Masonry: Limestone	35%			LIFE	* *	5	\$700	
Roof								
Built-Up (BUR)	90%			2035	* *	10	\$8,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Skylight, Metal/Glass	5%			2037	* *	10	\$1,500	
Sloped Glazing	5%			LIFE	* *	5	\$6,100	
Interior								
Floors								
Carpet	60%			2023	\$152,300	3	\$17,700	
Marble Panels	8%			LIFE	* *	5	\$1,200	
Terrazzo	2%			LIFE	* *	5	\$300	
Vinyl Tile	30%			2027	\$50,700	3	\$2,200	

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

NEW YORK PUBLIC LIBRARY - 035
96TH STREET BRANCH LIBRARY
Asset # : 13352

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								
Plaster	100%	4+	\$6,000	LIFE	* *	5	\$11,100	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Stairwell								
Ceilings								
Plaster	100%			LIFE	* *	5	\$12,300	
Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2027	\$1,500	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amperes Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2027	\$32,700	5	\$100	
Raceway								
Conduit	100%			2027	\$31,800	1		
Panelboards								
Fused Disc Sw	5%			2026	\$800	5		
Molded Case Bkrs	95%			2026	\$14,400	5	\$300	
Wiring								
Braided Cloth	30%	2-4	\$8,400	2052	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	70%			2027	\$19,700	1		
Motor Controllers								
Locally Mounted	100%			2025	\$30,600	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	50%			2027	\$69,000	10	\$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	45%			2022	\$62,100	10	\$5,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	5%			2027	\$6,900	10	\$600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallway And Staircases								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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NEW YORK PUBLIC LIBRARY - 035
96TH STREET BRANCH LIBRARY
Asset # : 13352

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

Lighting

Egress Lighting									
Emergency, Battery	50%			2022	\$9,300	10		\$1,600	
Exit, Service	50%			2022	\$1,000	1			
Exterior Lighting									
HID	100%			2022	\$52,100	10			

Alarm

Security System									
No Component	80%								
Generic	20%			2037	* *	1		\$1,000	
Fire/Smoke Detection									
No Component	80%								
Generic, Digital	20%			2037	* *	1-3		\$1,700	

Mechanical		Current Repair			Future Replacement		Maintenance		
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%			2047	* *	1			
Conversion Equipment									
Hot Water Boiler	100%			2047	* *	1		\$6,700	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>									
<i>Location : Basement</i>									
Distribution									
Hot Wtr Piping/Pump	100%			2043	* *	4		\$1,000	
Terminal Devices									
Convactor/Radiator	100%			2040	* *	1		\$4,400	

Air Conditioning

Energy Source									
Electricity	100%			2043	* *	1			
Conversion Equipment									
Exterior Pkg Unit - Cooling	100%			2037	* *	2		\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Roof</i>									
<i>Explanation : 4 Units, Refrigerant 410a</i>									

Ventilation

Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5		\$7,600	
Exhaust Fans									
Roof	100%			2037	* *	2		\$400	

Plumbing

H/C Water Piping									
Galvanized Steel	100%			2040	* *	1			
Water Heater									
Electric	100%			2027	\$11,400	4		\$100	

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

NEW YORK PUBLIC LIBRARY - 035
96TH STREET BRANCH LIBRARY
Asset # : 13352

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	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)								
	Non-Submersible	100%			2032	* *	4	\$400	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : B-3rd Floor							
		Explanation : 1 Unit							
Fire Suppression									
	Standpipe								
	Generic	100%			2057	* *	1-5	\$6,900	
	Sprinkler								
	Generic	100%			2057	* *	1-2	\$3,800	

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : AGUILAR BRANCH LIBRARY
Address : 174 EAST 110TH ST. NEAR THIRD AVE.
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 : 31-May-2017 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1637 **Lot** : 141 **BIN** : 1052167

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$42,700	
Interior Architecture	\$35,900	
Electrical		\$14,200
Mechanical		\$35,700
Site Enclosure		\$74,600
Total	\$78,600	\$124,500
Importance Code A	\$42,700	
Importance Code B	\$35,900	\$124,500
Total	\$78,600	\$124,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$125,700			
Interior Architecture	\$119,100	\$5,300	\$500	\$2,500
Electrical	\$5,500	\$1,200	\$1,500	\$1,200
Mechanical	\$7,200	\$4,200	\$3,100	\$3,800
Site Enclosure	\$7,700			
Site Pavements	\$5,100			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$274,300	\$14,500	\$9,100	\$11,500
Importance Code A	\$126,400	\$700	\$700	\$700
Importance Code B	\$116,200	\$13,800	\$8,400	\$10,800
Importance Code C	\$31,700			
Total	\$274,300	\$14,500	\$9,100	\$11,500



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 - 035
AGUILAR BRANCH LIBRARY
Asset # : 13323

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Cast Iron	12%	0-2	\$20,700	LIFE	* *			
		Corrosion/Rusting, Extent : Light, Area Affected : 25%							
		Location : Street Facade At Main Entrance							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Front Facade							
		Explanation : Painted Finish Resembles Bronze							
	Masonry: Brick	68%	Now	\$42,700	LIFE	* *	5	\$7,000	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : Rear Facade							
		Diagonal Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Rear Facade							
		Loose Units, Extent : Severe, Area Affected : 10%							
		Location : At Wall Penetrations Of Fan Room - 3rd Floor Deck, Rear Facade							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : Rear Facade							
		Spalling, Extent : Moderate, Area Affected : 10%							
		Location : Rear Facade							
		Vertical Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Rear Facade							
	Masonry: Limestone	18%	2-4	\$22,700	LIFE	* *	5	\$1,400	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : At Both Sides Of Front Entrance Steps							
		Worn/Eroded, Extent : Severe, Area Affected : 10%							
		Location : At Both Sides Of Front Entrance Steps							
	Stucco Cement	2%	Now	\$600	2033	* *	5	\$300	
		Diagonal Cracks, Extent : Moderate, Area Affected : 5%							
		Location : Penthouse Apartment							
		Spalling, Extent : Moderate, Area Affected : 10%							
		Location : Chimney							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Chimney							
		Explanation : Stucco Over Brick							

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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
AGUILAR BRANCH LIBRARY
Asset # : 13323

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Windows								
Aluminum	74%	Now	\$23,500	2044	* *	5	\$1,400	
	Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 15%							
	Location : Second Floor							
Metal Clad	8%	0-2	\$15,700	2053	* *	5	\$900	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
	Location : Rear Facade At Third Floor Apartment And Stairwell							
	Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
	Location : Rear Facade At Third Floor Apartment And Stairwell							
	Unit Inoperable, Extent : Moderate, Area Affected : 100%							
	Location : Rear Facade At Third Floor Apartment And Stairwell							
Metal Louvers	8%	2-4	\$9,000	2043	* *			
	Broken/Missing Elements, Extent : Light, Area Affected : 10%							
	Location : Throughout Mechanical Penthouse							
Wood	10%	Now	\$10,600	2053	* *	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%							
	Location : Windows At 2nd Floor Story Hour Room							
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	\$2,700	
Masonry: Brick	45%			LIFE	* *	5-10	\$5,900	
Masonry: Brick	30%	Now	\$6,800	LIFE	* *	5	\$600	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
	Location : Rear Facade - Upper And Lower Roofs							
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : Rear Facade - Upper And Lower Roofs							
Metal Panel	10%			2038	* *	5	\$700	
Metal: Cage/Fence	10%	4+	\$400	2041	* *	5	\$600	
	Corrosion/Rusting, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Along Side Walls							
	Explanation : These Are Security Barriers To Prevent Access From Adjoining Buildings							
Roof								
Modified Bitumen	100%	2-4	\$8,600	2033	* *			
	Blisters, Extent : Moderate, Area Affected : 5%							
	Location : Third Floor Roof							
	Debris Present, Extent : Moderate, Area Affected : 10%							
	Location : On Central Roof - 3rd Floor Level							

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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
AGUILAR BRANCH LIBRARY
Asset # : 13323

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									
Floors									
	Carpet	50%			2029	* *	3	\$15,800	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : First And Second Floors							
	Carpet	15%	4+	\$40,800	2030	* *	3	\$4,700	
		Staining/Discoloring, Extent : Moderate, Area Affected : 25%							
		Location : Multipurpose Room							
		Worn/Eroded, Extent : Moderate, Area Affected : 25%							
		Location : Multipurpose Room							
	Ceramic Tile	5%			2037	* *	5	\$1,100	
	Glass Block	2%	Now	\$1,600	2043	* *	1		
		Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
		Location : Balcony At Main Reading Room							
	Vinyl Tile	15%	2-4	\$2,700	2033	* *	3	\$1,200	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Wood	13%	Now	\$27,400	2056	* *	5	\$2,600	
		Broken/Missing Elements, Extent : Severe, Area Affected : 5%							
		Location : Old Custodial Apartment							
		Loose/Miss Fasteners, Extent : Moderate, Area Affected : 10%							
		Location : Wood Stair At Back Of Building Up To Custodial Apartment							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Old Custodial Apartment							
		Worn/Eroded, Extent : Severe, Area Affected : 25%							
		Location : Old Custodial Apartment							
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Back Of Building Up To Custodial Apartment							
		Explanation : Creaking Wood Stair							

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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
AGUILAR BRANCH LIBRARY
Asset # : 13323

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%	2-4	\$5,400	2037	**	5	\$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Staff Bathrooms								
Glass: Single Pane	5%			LIFE	**	5	\$1,500	
Gypsum Board	60%			LIFE	**	5-10	\$19,800	
Masonry: Brick	5%	Now	\$800	LIFE	**			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : Boiler Room In Basement								
Plaster	10%			LIFE	**	5-10	\$1,600	
Plaster	5%	Now	\$7,900	LIFE	**	5	\$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Old Custodial Apartment								
Paint Peeling, Extent : Severe, Area Affected : 100%								
Location : Old Custodial Apartment								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Old Custodial Apartment								
Wood	10%	4+	\$2,700	LIFE	**	5	\$7,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Wainscots Throughout								
Ceilings								
AcousTileSusp.Lay-In	5%			2041	**	5	\$1,100	
Ceramic Tile	2%			LIFE	**	5	\$500	
Gypsum Board	78%			LIFE	**	5-10	\$56,300	
Masonry: Infill Arch	10%			LIFE	**	10	\$1,100	
Plaster	5%	Now	\$14,000	LIFE	**	5	\$700	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Old Custodial Apartment								
Paint Peeling, Extent : Severe, Area Affected : 100%								
Location : Old Custodial Apartment								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Old Custodial Apartment								
Site Enclosure								
Fence/Gates								
Chain link	60%			2038	**			
Iron Picket	40%	2-4	\$300	2048	**			
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Granite Paneled Curb At Entrance Ramp								
Explanation : Joint Erosion								
Retaining Walls								
Masonry: Brick	100%	4+	\$7,500	2028	\$74,600			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Rear Yard Lot Line Wall								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Rear Yard Lot Line Wall								

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

NEW YORK PUBLIC LIBRARY - 035
AGUILAR BRANCH LIBRARY
Asset # : 13323

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

Site Pavements

Public Sidewalk

Cast in Place Concrete	100%			2033	**		
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Activity Yard

Cast in Place Concrete	100%	Now	\$5,100	2033	**		
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 25%**Location : Rear Yard**Tripping Hazard, Extent : Moderate, Area Affected : 15%**Location : Rear Yard*

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2028	\$1,500	5	\$100
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : Main Service Disconnect Switch Rated @ 600 Amperes Located In The Switchboard*

Switchgear / Switchboard

Fused Disc Sw	100%			2028	\$32,700	5	\$100
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : 1- Vertical Section*

Raceway

Conduit	20%			2038	**	1	
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Conduit	80%			2028	\$25,400	1	
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Panelboards

Fused Disc Sw	10%			2036	**	5	
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Molded Case Bkrs	30%			2027	\$4,500	5	\$100
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Molded Case Bkrs	60%			2036	**	5	\$200
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Wiring

Braided Cloth	10%	2-4	\$2,800	2053	**	1	
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*Insulation Aged, Extent : Moderate, Area Affected : 100%**Location : Upper Floors*

Thermoplastic	90%			2038	**	1	
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Motor Controllers

Locally Mounted	10%			2033	**	5	
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Locally Mounted	10%			2026	\$3,100	5	
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Variable Frequency Drive	80%			2045	**		
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Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$400
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Lighting

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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NEW YORK PUBLIC LIBRARY - 035
AGUILAR BRANCH LIBRARY
Asset # : 13323

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
Interior Lighting	Fluorescent	40%			2033	* *	10	\$5,200	
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location : Reading Areas And Basement								
	Fluorescent	10%			2023	\$14,200	10	\$1,300	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Fluorescent	Fluorescent	40%			2033	* *	10	\$5,200	
	T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : 2nd Floor And Basement									
Fluorescent	Fluorescent	10%			2033	* *	10	\$1,300	
	Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Reading Areas									
Egress Lighting									
Emergency, Battery	Emergency, Battery	50%			2028	\$9,600	10	\$1,700	
	Exit, Service	50%			2028	\$1,000	1		
Exterior Lighting									
HID	HID	20%			2028	\$10,700	10		
	No Component	80%							
Alarm									
Security System	No Component	30%							
	Generic	70%			2036	* *	1	\$3,700	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Reading Areas, Hallways And Outside								
Explanation : CCTV Surveillance Cameras									
Fire/Smoke Detection									
Generic, Digital	Generic, Digital	100%			2036	* *	1-3	\$8,600	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2038	* *	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2041	* *	1	\$6,900	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
Explanation : 1 Unit									
Distribution									
Hot Wtr Piping/Pump	Hot Wtr Piping/Pump	100%			2036	* *	4	\$1,000	

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NEW YORK PUBLIC LIBRARY - 035
AGUILAR BRANCH LIBRARY
Asset # : 13323

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Air Handler	50%			2036	* *	1	\$4,300	
	Convactor/Radiator	50%			2026	\$35,700	1	\$2,300	
Air Conditioning									
	Energy Source								
	Electricity	100%			2036	* *	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	90%			2036	* *	1	\$5,900	
			Other Observation, Extent : Light, Area Affected : 90%						
			Location : 1 Unit In Basement, 3 Units In 3rd Floor						
			Explanation : R-410a, 4 Units						
	No Component	10%							
	Terminal Devices								
	Air Handler/Dir Expansion	90%			2036	* *	1		
	No Component	10%							
	Heat Rejection								
	Air Cooled Condenser Unit	90%			2036	* *	2	\$8,800	
	No Component	10%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,400	
	Exhaust Fans								
	Interior	90%			2036	* *	2	\$400	
	Roof	10%			2023	\$2,200	2		
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2038	* *	1		
	Water Heater								
	Gas Fired	100%			2023	\$8,100	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2019	\$500	4	\$400	
	Fixtures								
	Generic	100%							
			Obsolete Fixtures, Extent : Severe, Area Affected : 10%						
			Location : Vacant Apartment Space On 3rd Floor						
Vertical Transport									

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NEW YORK PUBLIC LIBRARY - 035
AGUILAR BRANCH LIBRARY
Asset # : 13323

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%									
Location : B-3rd Floor									
Explanation : One Unit									
Fire Suppression									
Sprinkler									
	No Component	92%							
	Generic	8%			2038		* *	1-2	\$300

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 11-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 4513 **Lot** : 16 **BIN** : 2053752

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$915,000	\$50,200
Interior Architecture		\$45,600
Mechanical		\$198,800
Total	\$915,000	\$294,600
Importance Code A	\$915,000	\$50,200
Importance Code B		\$244,500
Total	\$915,000	\$294,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$900			
Interior Architecture	\$26,400	\$9,300		\$19,000
Electrical	\$12,300	\$1,200	\$1,100	\$6,800
Mechanical	\$2,100	\$1,000	\$3,000	\$1,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$45,700	\$15,400	\$8,100	\$30,800
Importance Code A	\$1,500	\$600	\$600	\$800
Importance Code B	\$35,400	\$14,800	\$7,400	\$30,000
Importance Code C	\$8,800			
Total	\$45,700	\$15,400	\$8,100	\$30,800



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 Estimates are rounded to the nearest hundred dollars.

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

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NEW YORK PUBLIC LIBRARY - 035
ALLERTON BRANCH LIBRARY
Asset # : 13324

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$75,500	LIFE	* *	5	\$13,200	
	Water Penetration, Extent : Severe, Area Affected : 20%							
	Location : Basement - Electrical Room, Boiler Room And IT Room							
Masonry: Brick	95%	Now	\$306,800	LIFE	* *	5	\$50,200	
	Efflorescence, Extent : Moderate, Area Affected : 15%							
	Location : North Facade							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
	Location : North Facade							
	Misaligned/Bulging, Extent : Moderate, Area Affected : 15%							
	Location : Above 2nd Floor Window Lintels							
	Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%							
	Location : Along 2nd Floor Windows							
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : 2nd Floor Windows							
Windows								
Aluminum	90%	2-4	\$351,300	2052	* *	5	\$4,100	
	Bent/Warped Elements, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
	Deteriorated Finish, Extent : Moderate, Area Affected : 65%							
	Location : Throughout							
	Glazing Clouded, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
	Caulking Deteriorated, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
	Water Penetration, Extent : Severe, Area Affected : 10%							
	Location : Basement Windows							
	Worn/Eroded, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
Steel	10%	Now	\$48,700	2052	* *	5	\$5,700	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
	Location : Bulkhead And Stairs							
	Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
	Location : Bulkhead Stairs							
	Deteriorated Finish, Extent : Moderate, Area Affected : 10%							
	Location : Exterior Side							

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NEW YORK PUBLIC LIBRARY - 035
ALLERTON BRANCH LIBRARY
Asset # : 13324

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	10%	4+	\$900	LIFE	* *	5	\$2,600	
	Caulking Deteriorated, Extent : Light, Area Affected : 20%							
	Location : Coping Stones							
	Vegetation Growth, Extent : Light, Area Affected : 15%							
	Location : Coping Stones							
Masonry: Brick Cavity	90%	Now	\$71,300	LIFE	* *	5	\$3,100	
	Efflorescence, Extent : Moderate, Area Affected : 30%							
	Location : Throughout							
	Misaligned/Bulging, Extent : Moderate, Area Affected : 5%							
	Location : Street Facade							
	Spalling, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Weepholes Not Funct, Extent : Moderate, Area Affected : 30%							
	Location : Various Locations Throughout							
Roof								
Built-Up (BUR)	100%	Now	\$61,500	2037	* *			
	Alligatoring, Extent : Moderate, Area Affected : 30%							
	Location : Throughout							
	Blisters, Extent : Moderate, Area Affected : 30%							
	Location : Throughout							
	Debris Present, Extent : Severe, Area Affected : 10%							
	Location : Over Entry Canopy							
	Miss/Damaged Flashings, Extent : Severe, Area Affected : 40%							
	Location : All Facades							
	Ridging, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Water Penetration, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
Interior								
Floors								
Carpet	60%			2028	\$164,400	3	\$25,400	
Cast in Place Concrete	5%			LIFE	* *	5	\$2,300	
Terrazzo	5%			LIFE	* *	5	\$800	
Vinyl Tile	25%	Now	\$9,100	2027	\$45,600	3	\$2,000	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
	Location : Basement							
	Loose/Delam Surface, Extent : Moderate, Area Affected : 30%							
	Location : Throughout Basement							
	Uneven Substrate, Extent : Moderate, Area Affected : 35%							
	Location : Basement Corridors							
	Water Penetration, Extent : Moderate, Area Affected : 25%							
	Location : Basement							
	Worn/Eroded, Extent : Moderate, Area Affected : 40%							
	Location : Basement							
Vinyl Tile 9" X 9"	5%			2022	\$11,800	3	\$500	

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NEW YORK PUBLIC LIBRARY - 035
ALLERTON BRANCH LIBRARY
Asset # : 13324

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

Glazed Ceramic Panel	5%			LIFE		**			
Plaster	95%	Now	\$8,800	LIFE		**	5	\$6,500	

Recent Replace Evident, Extent : Light, Area Affected : 30%

Location : Basement Offices

Ceilings

AcousTileConcealSpLn	70%			2040		**	5	\$18,500	
AcousTileConcealSpLn	15%			2044		**	5	\$4,000	

Recent Replace Evident, Extent : Light, Area Affected : 100%

Location : Basement

Plaster	15%			LIFE		**	5	\$2,000	
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Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2027		\$1,500	5	\$300	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 400 Amperes Main Disconnect Switch

Switchgear / Switchboard

Molded Case Bkrs	100%			2027		\$32,700	5	\$300	
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Raceway

Conduit	90%			2027		\$28,600	1		
Conduit	10%			2047		**	1		

Panelboards

Fused Disc Sw	5%			2026		\$800	5		
Molded Case Bkrs	25%			2026		\$3,800	5	\$100	
Molded Case Bkrs	70%			2043		**	5	\$200	

Wiring

Braided Cloth	40%	2-4	\$11,200	2052		**	1		
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Insulation Aged, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Thermoplastic	40%			2027		\$11,200	1		
Thermoplastic	20%			2047		**	1		

Motor Controllers

Locally Mounted	70%			2025		\$21,400	5	\$100	
Locally Mounted	30%			2040		**	5		

Ground

Grounding Devices

Generic	100%			LIFE		**	5	\$200	
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Stand-by Power

Transfer Switches

Automatic	100%			2044		**	1	\$3,800	
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NEW YORK PUBLIC LIBRARY - 035
ALLERTON BRANCH LIBRARY
Asset # : 13324

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
Generators									
	Natural Gas	100%			2040	* *	1	\$4,800	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Roof									
Explanation : One 80 Kw									
Batteries									
	Lead/Acid	100%			2022	\$1,500	5	\$500	
Lighting									
Interior Lighting									
	Fluorescent	95%			2035	* *	10	\$10,800	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-8 Lamps									
	Fluorescent	5%			2035	* *	10	\$600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Egress Lighting									
	Emergency, Service	50%			2022	\$3,100	1		
	Exit, LED	20%			2055	* *	1		
	Exit, Service	30%			2022	\$500	1		
Exterior Lighting									
	HID	100%			2035	* *	10		
Alarm									
Security System									
	No Component	80%							
	Generic	20%			2035	* *	1	\$900	
Fire/Smoke Detection									
	No Component	80%							
	Generic, Digital	20%			2035	* *	1-3	\$1,500	

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	5%			2037	* *	1		
	Natural Gas	95%			2047	* *	1		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Boiler Room								
	Explanation : 1 Unit								
Conversion Equipment									
	Hot Water Boiler	100%			2047	* *	1	\$6,100	
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : Replaced Due To Flooding In Boiler Room And Basement								
Distribution									
	Hot Wtr Piping/Pump	100%			2043	* *	4	\$900	

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NEW YORK PUBLIC LIBRARY - 035
ALLERTON BRANCH LIBRARY
Asset # : 13324

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Convactor/Radiator	100%			2040	**	1	\$4,000	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Interior Pkg Unit - Cooling	30%			2025	\$132,100	2	\$200	
	Exterior Pkg Unit - Cooling	70%			2027	\$66,700	2	\$500	
	R-22 Refrigerant, Extent : Moderate, Area Affected : 70%								
	Location : Roof								
	Heat Rejection								
	Dry Cooler	30%			2027	\$19,200	2	\$2,600	
	No Component	70%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,900	
	Exhaust Fans								
	Interior	50%			2027	\$20,900	2	\$200	
	Roof	50%			2027	\$9,800	2	\$200	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2040	**	1		
	Water Heater								
	Gas Fired	100%			2025	\$7,200	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Non-Submersible	100%			2037	**	4	\$300	
	Recent Installation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Sewage Ejector(s)								
	Compressed Air	100%			2037	**	4	\$100	
	Backflow Preventer								
	No Component	90%							
	Generic	10%			2032	**	1	\$100	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Geared Traction	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : B, 1, 2								
	Explanation : One Unit								

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NEW YORK PUBLIC LIBRARY - 035
ALLERTON BRANCH LIBRARY
Asset # : 13324

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$76,500	\$695,600
Electrical	\$37,300	
Mechanical		\$1,989,700
Total	\$113,800	\$2,685,300
Importance Code B	\$113,800	\$2,637,900
Importance Code C		\$47,400
Total	\$113,800	\$2,685,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Interior Architecture	\$117,200		\$100	\$20,900
Electrical	\$4,200	\$4,700	\$5,600	\$4,200
Mechanical	\$47,800	\$13,800	\$15,100	\$7,100
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$181,000	\$30,300	\$32,700	\$44,100
Importance Code A	\$2,500	\$2,600	\$2,500	\$2,500
Importance Code B	\$178,500	\$27,600	\$30,200	\$41,600
Importance Code C				
Total	\$181,000	\$30,300	\$32,700	\$44,100



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
ANDREW HEISKELL BRAILLE AND TALKING BOOK LIBRARY
Asset # : 4225

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									
Floors									
	Carpet	55%	0-2	\$108,200	2024	\$541,100	3	\$62,800	
		Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
	Cast in Place Concrete	15%	Now	\$36,100	LIFE	* *	5	\$25,000	
		Cracking/Crumbling, Extent : Severe, Area Affected : 30%							
		Location : Throughout							
		Water Penetration, Extent : Severe, Area Affected : 30%							
		Location : Throughout							
	Terrazzo	5%	0-2	\$9,000	LIFE	* *	5	\$3,000	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Vinyl Tile	1%			2030	* *	3	\$300	
	Wood	24%			2028	\$610,100	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	\$40,500	LIFE	* *	5	\$38,000	
		Loose/Delam Surface, Extent : Severe, Area Affected : 5%							
		Location : Over Stacks, 2nd Floor Public Area							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2045	* *	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : 1- 3000 Amperes Main 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	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
ANDREW HEISKELL BRAILLE AND TALKING BOOK LIBRARY
Asset # : 4225

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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									
	Generic	100%			LIFE	**	5	\$700	
Lighting									
Interior Lighting									
	Fluorescent	80%			2030	**	10	\$37,300	
	T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Fluorescent	20%			2035	**	10	\$9,300	
	T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
Egress Lighting									
	Exit, Service	50%			2033	**	1		
	Exit, Battery	50%			2033	**	10	\$1,700	
Exterior Lighting									
	HID	100%			2030	**	10	\$200	
Alarm									
Security System									
	No Component	30%							
	Generic	70%			2033	**	1	\$13,300	
Fire/Smoke Detection									
	Generic, Digital	100%			2030	**	1-3	\$31,300	

Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2045	* *	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2038	* *	1	\$25,100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement Boiler Room								
	Explanation : 5 Small Units								
	Distribution								
	Hot Wtr Piping/Pump	100%			2033	* *	4	\$2,500	
	Terminal Devices								
	Air Handler	50%			2025	\$339,100	1	\$15,700	
	Convactor/Radiator	45%			2030	* *	1	\$7,400	
	Fan Coil Unit/Heat	5%			2025	\$36,100	1	\$800	

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

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

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

NEW YORK PUBLIC LIBRARY - 035
ANDREW HEISKELL BRAILLE AND TALKING BOOK LIBRARY
Asset # : 4225

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Energy Source								
	Electricity	100%			2041	**	1		
	Conversion Equipment								
	Interior Pkg Unit - Cooling	80%	Now	\$28,900	2023	\$1,442,800	2	\$2,000	
		Damaged, Extent : Severe, Area Affected : 1% Location : Damper Control Cylinder, Basement Fan Room							
	Interior Pkg Unit - Cooling	20%			2029	**	2	\$600	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$28,300	
	Exhaust Fans								
	Interior	100%	Now	\$8,600	2025	\$171,600	2	\$1,200	
		Not in Service, Extent : Severe, Area Affected : 30% Location : 1st Floor Toilets Lack Adequate Vetilation							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2035	**	1		
	Water Heater								
	Not Accessible	100%							
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Submersible	100%			2019	\$1,600	4	\$1,600	
	Backflow Preventer								
	Generic	100%			2030	**	1	\$3,100	
	Fixtures								
	Generic	100%							
		Obsolete Fixtures, Extent : Severe, Area Affected : 100% Location : Throughout							
Vertical Transport									
	Elevators								
	Geared Traction	60%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 60% Location : 1-5 Explanation : 1 Unit							
	Hydraulic	40%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 40% Location : C-2 Explanation : 1 Unit							
Fire Suppression									
	Standpipe								
	Generic	100%			2045	**	1-5	\$25,600	
	Sprinkler								
	Generic	100%			2035	**	1-2	\$14,200	

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

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

NEW YORK PUBLIC LIBRARY - 035
ANDREW HEISKELL BRAILLE AND TALKING BOOK LIBRARY
Asset # : 4225

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression									
Fire Pump									
	Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : BELMONT/ENRICO FERMI BRANCH LIBRARY
Address : 610 EAST 186TH ST. @HUGHES AVE.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : NPL0005.000 / 4219 **Yr Built/Renovated** : 1981 / 2000
Area Sq Ft : 21,267 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 14-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,pen
Block : 3073 **Lot** : 20 **BIN** : 2012129

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$35,400
Interior Architecture	\$185,500	\$84,700
Electrical		\$36,700
Mechanical	\$565,000	
Total	\$750,600	\$156,900
Importance Code A		\$35,400
Importance Code B	\$565,000	\$121,500
Importance Code C	\$185,500	
Total	\$750,600	\$156,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$63,300			\$1,300
Interior Architecture	\$56,400		\$5,800	\$24,600
Electrical	\$11,300	\$2,200	\$1,900	\$24,200
Mechanical	\$3,600	\$6,100	\$4,800	\$6,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$138,600	\$12,300	\$16,400	\$60,200
Importance Code A	\$64,300	\$1,100	\$1,100	\$2,600
Importance Code B	\$50,500	\$11,300	\$12,400	\$57,600
Importance Code C	\$23,700		\$2,900	
Total	\$138,600	\$12,300	\$16,400	\$60,200



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 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
BELMONT/ENRICO FERMI BRANCH LIBRARY
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
Exterior								
Exterior Walls								
Concrete Masonry Unit	15%			LIFE	**	5	\$4,100	
Metal Panel	10%	0-2	\$6,400	2037	**	5	\$8,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout Bulkhead								
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout Bulkhead								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Mechanical Penthouse								
Granite Panels	75%			LIFE	**	5	\$24,800	
Windows								
Metal Louvers	10%			2036	**	10	\$400	
No Component	90%							
Parapets								
Concrete Masonry Unit	85%	0-2	\$25,800	LIFE	**	5	\$5,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Interior Parapet Wall								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Interior Parapet Wall								
Metal: Cage/Fence	5%			2032	**	5-10	\$2,200	
Pre-Cast Concrete	10%	0-2	\$2,100	LIFE	**	5	\$3,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout Coping								
Roof								
Single Ply Membrane	80%	Now	\$29,000	2032	**			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Along Parapet Walls								
Drains Clogged, Extent : Light, Area Affected : 10%								
Location : Second Floor Next To Elevator								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout Main Roof								
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Second Floor Next To Elevator And At Skylights								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Skylight, Metal/Glass	20%			2047	**	10	\$35,400	
Interior								
Floors								
Carpet	75%			2028	\$636,000	3	\$98,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	5%			2036	**	5	\$3,300	
Panel/Paver: Cer/Brk	5%			2043	**	5	\$7,400	
Vinyl Tile	15%			2027	\$84,700	3	\$3,700	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

NEW YORK PUBLIC LIBRARY - 035
BELMONT/ENRICO FERMI BRANCH LIBRARY
Asset # : 4219

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

Interior

Interior Walls

Ceramic Tile	5%			2036	**	5	\$5,900	
Concrete Masonry Unit	70%	0-2	\$185,500	LIFE	**	5	\$33,000	

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

Location : Stairwells

Folding Partition	5%	Now	\$23,700	2035	**	5	\$7,400	
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Unit Inoperable, Extent : Light, Area Affected : 5%

Location : 2nd Floor, Adjacent To Elevator Lobby

Gypsum Board	15%			LIFE	**	5	\$10,600	
Metal Panel	5%			LIFE	**			

Ceilings

AcousTileConcealSpLn	20%			2044	**	5	\$16,200	
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Recent Replace Evident, Extent : Light, Area Affected : 100%

Location : Throughout

Exposed Concrete	80%			LIFE	**	5	\$8,100	
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Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2027	\$2,600	5	\$600	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room / 3rd Floor

Explanation : Main Service Disconnect Switch Rated @ 1000 Amperes.

Switchgear / Switchboard

Molded Case Bkrs	100%			2027	\$32,700	5	\$600	
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Raceway

Conduit	90%			2027	\$28,600	1		
Conduit	10%			2037	**	1		

Panelboards

Fused Disc Sw	10%			2026	\$2,300	5		
Molded Case Bkrs	60%			2026	\$13,600	5	\$300	
Molded Case Bkrs	30%			2035	**	5	\$200	

Wiring

Thermoplastic	50%			2037	**	1		
Thermoplastic	50%			2027	\$14,100	1		

Motor Controllers

Locally Mounted	80%			2025	\$36,700	5	\$100	
Locally Mounted	20%			2032	**	5		

Ground

Grounding Devices

Generic	100%	2-4	\$9,600	LIFE	**	5	\$300	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Water Main

Explanation : Corroded

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

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NEW YORK PUBLIC LIBRARY - 035
BELMONT/ENRICO FERMI BRANCH LIBRARY
Asset # : 4219

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	95%			2032	* *	10	\$18,500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8 Lamps							
	Fluorescent	5%			2032	* *	10	\$1,000	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
Egress Lighting									
	Emergency, Battery	30%			2032	* *	10	\$1,500	
	Emergency, Battery	20%			2035	* *	10	\$1,000	
	Exit, LED	20%			2062	* *	1		
	Exit, Service	30%			2022	\$900	1		
Exterior Lighting									
	HID	20%			2027	\$16,300	10		
	No Component	80%							
Alarm									
	Security System								
	No Component	40%							
	Generic	60%			2035	* *	1	\$4,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Reading Areas And Outside							
		Explanation : CCTV Surveillance Camera System							
Fire/Smoke Detection									
	Generic, Digital	100%			2035	* *	1-3	\$13,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Strobe Lights, Manual Pull Stations, Horns, Smoke Detectors, Alarm Bells							

Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2037	* *	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2044	* *	1	\$10,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 3rd Floor Mechanical Room							
		Explanation : One Unit							
	Distribution								
	Hot Wtr Piping/Pump	100%			2035	* *	4	\$1,600	
	Terminal Devices								
	Air Handler	60%			2022	\$170,200	1	\$7,900	
	Convactor/Radiator	40%			2032	* *	1	\$2,800	
Air Conditioning									

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

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NEW YORK PUBLIC LIBRARY - 035
BELMONT/ENRICO FERMI BRANCH LIBRARY
Asset # : 4219

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
Conversion Equipment									
	Reciprocating Compr/Chiller	85%			2022	\$145,600	1	\$8,400	
		R-22 Refrigerant, Extent : Light, Area Affected : 85%							
		Location : 3rd Floor Mechanical Room							
	Split Unit	15%			2032	**			
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Roof							
		Explanation : 1 Unit. R-410a.							
Terminal Devices									
	Air Handler/Dir Expansion	85%			2022	\$191,800	1		
	Fan Coil - 2 Pipe	15%			2032	**	1	\$1,000	
Heat Rejection									
	Air Cooled Condenser Unit	100%			2032	**	2	\$14,800	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,900	
Exhaust Fans									
	Interior	80%			2022	\$57,400	2	\$500	
	Roof	20%			2032	**	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2037	**	1		
Water Heater									
	Gas Fired	100%			2025	\$12,300	2	\$300	
Sanitary Piping									
	Cast Iron	100%			LIFE	**	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	**	1		
Fixtures									
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : 1-3 Floors							
		Explanation : 1 Unit							

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : BLOOMINGDALE BRANCH LIBRARY
Address : 150 WEST 100TH ST. @ AMSTERDAM AVE.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : NPL0006.000 / 4220 **Yr Built/Renovated** : 1964 / 2003
Area Sq Ft : 20,986 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 28-Mar-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 1852 **Lot** : 49 **BIN** : 1055906

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$125,800	
Interior Architecture	\$70,100	
Electrical	\$127,700	
Mechanical		\$416,300
Total	\$323,600	\$416,300
Importance Code A	\$125,800	
Importance Code B	\$197,800	\$416,300
Total	\$323,600	\$416,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$29,300			
Interior Architecture	\$11,200	\$10,600		\$7,500
Electrical	\$1,000	\$1,100	\$1,200	\$24,400
Mechanical	\$3,100	\$2,800	\$12,100	\$2,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$48,600	\$18,500	\$17,200	\$38,600
Importance Code A	\$31,400	\$2,100	\$2,100	\$2,400
Importance Code B	\$17,200	\$15,900	\$15,200	\$36,200
Importance Code C		\$400		
Total	\$48,600	\$18,500	\$17,200	\$38,600



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 - 035
BLOOMINGDALE BRANCH LIBRARY
Asset # : 4220

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Glazed Ceramic Panel	5%			LIFE	**	5	\$6,400		
Masonry: Brick	95%			LIFE	**	5	\$26,100		
Recent Repair Evident, Extent : Light, Area Affected : 100%									
Location : All Facades Repointed									
Windows									
Aluminum	100%			2049	**	5	\$5,200		
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Parapets									
Masonry: Brick	90%			LIFE	**	5	\$2,700		
Recent Repair Evident, Extent : Light, Area Affected : 100%									
Location : All Parapets Repointed									
Pre-Cast Concrete	10%			LIFE	**	5	\$1,900		
Roof									
Copper/Terne	5%	Now	\$1,500	2042	**				
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Over Emergency Stairs									
Modified Bitumen	95%	Now	\$25,200	2022	\$125,800				
Alligating, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Blisters, Extent : Moderate, Area Affected : 20%									
Location : Adjacent To Bulkhead And Throughout									
Ponding, Extent : Moderate, Area Affected : 30%									
Location : Various Locations Throughout									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : 2nd Floor Corridor, Above Multi-purposed Room, At Egress Stair									
Interior									
Floors									
Carpet	40%			2026	\$162,500	3	\$18,800		
Cast in Place Concrete	5%			LIFE	**	5	\$3,400		
Ceramic Tile	5%			2030	**	5	\$1,600		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Bathrooms									
Explanation : Slated For Upgrade In 2017									
Terrazzo	10%			LIFE	**	5	\$2,500		
Vinyl Tile	20%			2035	**	3	\$2,400		
Vinyl Tile 9" X 9"	20%	Now	\$7,000	2022	\$70,100	3	\$2,400		
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
Location : Basement Corridors									

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

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%			2030	**	5	\$900	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Bathrooms							
	Explanation : Slated For Upgrade In 2017							
Gypsum Board	35%			LIFE	**	5	\$3,600	
Plaster	45%			LIFE	**	5	\$2,300	
SGFT/Glazed Masonry	15%			LIFE	**			
Ceilings								
AcousTileConcealSpLn	30%			2032	**	5	\$11,800	
AcousTileSusp.Lay-In	5%			2032	**	5	\$1,600	
	Water Penetration, Extent : Moderate, Area Affected : 20%							
	Location : Multipurpose Room							
AcousTileSusp.Lay-In	15%			2040	**	5	\$4,700	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Children Reading Room							
	Explanation : Wire Suspended							
Exposed Concrete	35%			LIFE	**	5	\$1,700	
Plaster	10%	Now	\$4,200	LIFE	**	5	\$2,000	
	Cracking/Crumbling, Extent : Severe, Area Affected : 10%							
	Location : Rear Emergency Stairwell							
	Paint Peeling, Extent : Moderate, Area Affected : 5%							
	Location : Rear Emergency Stairwell							
Wood	5%			LIFE	**	5	\$13,700	

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2057	* *	5	\$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Outside								
Explanation : One 400 Amperes Main Disconnect Switch								
Raceway								
Conduit	30%			2037	* *	1		
Conduit	70%			2057	* *	1		
Panelboards								
Fused Disc Sw	5%			2052	* *	5		
Molded Case Bkrs	55%			2026	\$12,500	5	\$300	
Molded Case Bkrs	40%			2052	* *	5	\$200	
Wiring								
Thermoplastic	40%			2057	* *	1		
Thermoplastic	60%			2037	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5	\$100	

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

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

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NEW YORK PUBLIC LIBRARY - 035
BLOOMINGDALE BRANCH LIBRARY
Asset # : 4220

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	\$6,500	
Lighting								
Interior Lighting								
Fluorescent	10%			2035	* *	10	\$1,900	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	60%			2022	\$127,700	10	\$11,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-12 Lamps</i>								
Fluorescent	30%			2035	* *	10	\$5,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2nd Floor Reading Area</i>								
<i>Explanation : T-8 Lamps</i>								
Egress Lighting								
Emergency, Battery	20%			2037	* *	10	\$1,000	
Emergency, Battery	30%			2022	\$8,600	10	\$1,500	
Exit, Service	40%			2022	\$1,200	1		
Exit, Service	10%			2037	* *	1		
Exterior Lighting								
HID	100%			2037	* *	10	\$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2032	* *	1	\$1,600	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2035	* *	1-3	\$2,600	

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Plant Campus Steam / PRV	100%			2047	* *	1		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Heat Supplied From Adjoining Health Building</i>								

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

NEW YORK PUBLIC LIBRARY - 035
BLOOMINGDALE BRANCH LIBRARY
Asset # : 4220

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Steam Boiler	100%			2032	* *	1	\$20,800	
				Other Observation, Extent : Severe, Area Affected : 100%					
				Location : Basement					
				Explanation : One Boiler Located In Adjacent Health Building					
	Distribution								
	Central Plant Steam	100%			2037	* *	4	\$1,000	
	Piping/Pmp								
	Terminal Devices								
	Convactor/Radiator	100%			2025	\$106,600	1	\$6,800	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	* *	1		
	Conversion Equipment								
	Exterior Pkg Unit -	100%			2027	\$161,200	2	\$1,300	
	Cooling			R-22 Refrigerant, Extent : Light, Area Affected : 100%					
				Location : Roof					
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2	\$27,300	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,700	
	Exhaust Fans								
	Roof	100%			2027	\$33,100	2	\$600	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2027	\$148,400	1		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : B-2nd Floor					
				Explanation : One Unit					

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : BRONX LIBRARY CENTER REFERENCE CENTER
Address : 310 EAST KINGSBRIDGE ROAD @ BRIGGS AVE
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : NPL0017.000 / 13852 **Yr Built/Renovated** : 2006 /
Area Sq Ft : 74,476 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 02-Jun-2017 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5m
Block : 3154 **Lot** : 83 **BIN** : 2827656

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$76,400	\$40,400
Interior Architecture	\$261,600	\$113,100
Electrical		\$68,300
Mechanical		\$62,300
Total	\$338,000	\$284,100
Importance Code A	\$76,400	\$40,400
Importance Code B	\$152,400	\$167,100
Importance Code C	\$109,200	\$76,500
Total	\$338,000	\$284,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$80,500	\$11,700	\$1,600	
Interior Architecture	\$28,300	\$47,400	\$4,200	
Electrical	\$14,700	\$11,300	\$15,000	\$12,800
Mechanical	\$55,500	\$24,700	\$40,800	\$21,200
Site Pavements	\$21,200			
Elevators/Escalators	\$17,800	\$17,800	\$17,800	\$17,800
Total	\$218,000	\$112,900	\$79,300	\$51,800
Importance Code A	\$84,100	\$15,400	\$5,200	\$3,700
Importance Code B	\$125,400	\$97,400	\$72,700	\$48,100
Importance Code C	\$8,400		\$1,400	
Total	\$218,000	\$112,900	\$79,300	\$51,800



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NEW YORK PUBLIC LIBRARY - 035
BRONX LIBRARY CENTER REFERENCE CENTER
Asset # : 13852

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Concrete Masonry Unit	38%			LIFE	**	5	\$41,000		
Concrete Masonry Unit	5%	Now	\$36,000	LIFE	**	5	\$2,700		
Diagonal Cracks, Extent : Moderate, Area Affected : 15%									
Location : West Facade At Base And 2nd Story Adjacent To Generator									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%									
Location : West Facade At Base And 2nd Story Adjacent To Generator									
Glass Block	5%			LIFE	**	5	\$5,400		
Other Observation, Extent : Light, Area Affected : 100%									
Location : West Facade At Stairs									
Explanation : Component Actually Insulated Fritted Glass Panels									
Metal/Glass Curt Wall	25%			LIFE	**	5	\$80,900		
Metal Panel	5%			2054	**	5-10	\$29,700		
Metal Sect. OHD	2%			2045	**	5	\$5,400		
Granite Panels	20%			LIFE	**	5	\$25,900		
Windows									
Aluminum	95%			2044	**	5	\$4,800		
Metal Louvers	5%			2041	**	10	\$1,600		
Parapets									
Concrete Masonry Unit	25%			LIFE	**	5-10	\$11,000		
Metal/Glass Curt Wall	10%			2054	**	5	\$3,100		
Metal Panel	5%			2054	**	5	\$1,600		
Metal Rail	5%			2045	**	5-10	\$7,200		
Metal: Cage/Fence	10%			2045	**	5-10	\$6,200		
Granite Panels	10%			LIFE	**	5-10	\$9,500		
Stucco Cement	35%			2045	**	5	\$7,200		
Roof									
Metal Panel	50%			2045	**	10	\$34,800		
Modified Bitumen	30%	4+	\$3,400	2036	**				
Blisters, Extent : Light, Area Affected : 15%									
Location : Lowere Roof Where Generator Is Located									
Plaza Roof: Stone Panels	10%			2048	**				
Skylight, Metal/Glass	10%			2054	**	10	\$12,700		
Soffits									
Metal Panel	100%			2054	**	5-10	\$39,700		
Interior									
Floors									
Carpet	30%			2029	**	3	\$50,200		
Cast in Place Concrete	15%			LIFE	**	5	\$73,200		
Ceramic Tile	5%			2041	**	5	\$5,600		
Sheet Vinyl/Rubber	40%	4+	\$67,000	2033	**	5	\$33,400		
Seams Open/Split, Extent : Light, Area Affected : 15%									
Location : Office Corridors									
Terrazzo	10%			LIFE	**	5	\$17,400		

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NEW YORK PUBLIC LIBRARY - 035
BRONX LIBRARY CENTER REFERENCE CENTER
Asset # : 13852

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	3%			2041	**	5		\$2,800	
Glass: Single Pane	5%			LIFE	**	5		\$7,000	
Gypsum Board	70%			LIFE	**	5-10		\$111,100	
Metal Panel	10%			LIFE	**	10		\$4,200	
Granite Panels	2%			LIFE	**	10		\$700	
Wood	10%			LIFE	**	5		\$74,700	

Ceilings

AcousTileSusp.Lay-In	55%			2045	**	5		\$61,300	
Exposed Struc: Steel	5%			LIFE	**	10		\$11,100	
Gypsum Board	20%			LIFE	**	5-10		\$76,600	
Plywood/Hardboard	20%			2054	**	1			

Site Pavements

Public Sidewalk

Cast in Place Concrete	100%	0-2	\$21,200	2041	**				
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Adjacent To Main Entrance</i>									

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2048	**	5		\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : Main Service Switch Rated @ 4000 Amperes</i>									

Transformers

Dry Type	100%			2041	**	5		\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : 45 Kva, 208/120v</i>									

Switchgear / Switchboard

Fused Disc Sw	100%			2048	**	5		\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : 6- Vertical Sections</i>									

Raceway

Conduit	100%			2048	**	1			
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Panelboards

Fused Disc Sw	10%			2044	**	5		\$200	
Molded Case Bkrs	90%			2044	**	5		\$1,800	

Wiring

Thermoplastic	100%			2048	**	1			
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NEW YORK PUBLIC LIBRARY - 035
BRONX LIBRARY CENTER REFERENCE CENTER
Asset # : 13852

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Motor Controllers								
	Locally Mounted	10%			2041	**	5	\$100	
	Variable Frequency Drive	90%			2041	**			
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$2,200	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2041	**	1	\$22,900	
	Generators								
	Diesel	100%			2037	**	1	\$28,800	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Roof								
	Explanation : Emergency Generator Rated @ 569 Kva								
	Batteries								
	Lead/Acid	100%			2022	\$1,500	5	\$2,800	
	Fuel Storage								
	Main Tank	100%			2056	**	5	\$2,200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 250 Gallon Capacity								
Lighting									
	Interior Lighting								
	Fluorescent	70%			2033	**	10	\$47,800	
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location : Throughout The Building								
	Fluorescent	30%			2033	**	10	\$20,500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : Compact Fluorescent Lamps								
	Egress Lighting								
	Emergency, Service	50%			2033	**	1		
	Exit, LED	50%			2056	**	1		
	Exterior Lighting								
	HID	20%			2033	**	10		
	No Component	80%							
Lightning Protection									
	Arresters/Cabling								
	Generic	100%			2056	**	5	\$2,200	
Alarm									
	Security System								
	No Component	30%							
	Generic	70%			2033	**	1	\$19,500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Reading Areas, Basement And Hallways								
	Explanation : CCTV Surveillance Cameras								

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NEW YORK PUBLIC LIBRARY - 035
BRONX LIBRARY CENTER REFERENCE CENTER
Asset # : 13852

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

Alarm

Fire/Smoke Detection
Generic, Digital

100% 2033 * * 1-3 \$45,900
Other Observation, Extent : Light, Area Affected : 100%
Location : Throughout The Building
Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations, Smoke Detectors And Horns

Mechanical		Current Repair		Future Replacement		Maintenance		
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% 2048 * * 1

Conversion Equipment

Hot Water Boiler

100% 2033 * * 1 \$36,800
Other Observation, Extent : Light, Area Affected : 100%
Location : Basement Boiler Room
Explanation : 9 Small Units

Distribution

Hot Wtr Piping/Pump

100% 2044 * * 4 \$5,500

Terminal Devices

Air Handler

70% 2033 * * 1 \$32,200

Convactor/Radiator

30% 2041 * * 1 \$7,200

Air Conditioning

Energy Source

Electricity

100% 2044 * * 1

Conversion Equipment

Reciprocating

Compr/Chiller

100% 2033 * * 1 \$34,500
R-22 Refrigerant, Extent : Light, Area Affected : 100%
Location : Roof
Other Observation, Extent : Light, Area Affected : 100%
Location : Roof
Explanation : 2 Multistacks Sets

Distribution

CW & CHW Wtr
Pipe/Pump

100% 2048 * * 4 \$5,500

Terminal Devices

Air Handler/Cool/Ht

100% 2033 * * 1 \$46,100

Heat Rejection

Air Cooled Condenser
Unit

100% 2033 * * 2 \$51,900

Ventilation

Distribution

Ductwork/Diffusers

100% LIFE * * 2-5 \$65,800

Exhaust Fans

Interior

90% 2033 * * 2 \$2,100

Roof

10% 2033 * * 2 \$200

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NEW YORK PUBLIC LIBRARY - 035
BRONX LIBRARY CENTER REFERENCE CENTER
Asset # : 13852

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
H/C Water Piping	Brass/Copper	100%			2048	* *	1		
Water Heater	Electric	100%			2026	\$62,300	4	\$400	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Various Areas									
Explanation : Units Installed Above Ceiling Panels									
Sanitary Piping	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	Submersible	100%			2021	\$2,400	4	\$2,400	
Sewage Ejector(s)	Electric	100%			2033	* *	4	\$3,000	
Backflow Preventer	Generic	100%			2033	* *	1	\$4,600	
Fixtures	Generic	100%							
Vertical Transport									
Elevators	Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%									
Location : (2) C-5th Floor. (1) C-4th Floor									
Explanation : 3 Units, 2 Public, 1 Staff									
Fire Suppression									
Standpipe	No Component	50%							
	Generic	50%			2048	* *	1-5	\$18,800	
Other Observation, Extent : Light, Area Affected : 50%									
Location : Emergency Stairways									
Explanation : Emergency Stairways Only									
Sprinkler	Generic	100%			2048	* *	1-2	\$20,900	
Fire Pump	Generic	100%			2037	* *	1	\$13,900	

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Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : CENTRAL RESEARCH LIBRARY STEPHEN A. SCHWARTZMAN BLDG
Address : 42 ST AND 5TH AVE. @ BRYANT PARK
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 : 23-Mar-2016 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK
Areas Surveyed : Basement, Sub Basement, Roof, Floors 1,2,3,4
Block : 1257 **Lot** : 1 **BIN** : 1034194

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$661,200	\$953,100
Interior Architecture	\$942,300	\$2,895,300
Electrical	\$2,908,000	\$4,968,500
Mechanical	\$969,300	\$17,263,800
Total	\$5,480,700	\$26,080,700
Importance Code A	\$661,200	\$1,780,100
Importance Code B	\$4,819,500	\$23,632,200
Importance Code C		\$668,400
Total	\$5,480,700	\$26,080,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$23,000		\$11,200
Interior Architecture		\$104,900	\$30,700	\$61,900
Electrical	\$51,300	\$90,500	\$58,200	\$94,800
Mechanical	\$185,700	\$276,800	\$270,500	\$310,500
Elevators/Escalators	\$23,700	\$23,700	\$23,700	\$23,700
Total	\$260,700	\$518,900	\$383,100	\$502,000
Importance Code A	\$25,600	\$48,600	\$28,200	\$38,100
Importance Code B	\$235,100	\$441,100	\$354,900	\$463,900
Importance Code C		\$29,200		
Total	\$260,700	\$518,900	\$383,100	\$502,000



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 years is not included in this report.

NEW YORK PUBLIC LIBRARY - 035
CENTRAL RESEARCH LIBRARY STEPHEN A. SCHWARTZMAN BLDG
Asset # : 1924

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Marble	98%			LIFE	**	5	\$218,600	
	Window Wall	2%			2047	**	5	\$22,300	
Windows									
	Bronze/Brass	100%			2035	**	5	\$492,800	
Parapets									
	Masonry: Marble	95%			LIFE	**	5	\$84,500	
	Metal Rail	5%			2032	**	5-10	\$63,800	
Roof									
	Copper/Terne	60%			2042	**	10	\$376,000	
	Other Observation, Extent : Light, Area Affected : 50%								
	Location : Lower Roof								
	Explanation : Sealed With A Rubbery Compound								
	IRMA/Protected Membrane	5%			2027	\$110,500	10	\$12,500	
	Metal Panel	5%			2040	**	10	\$23,000	
	Modified Bitumen	15%			2035	**	10	\$37,600	
	Single Ply Membrane	5%			2027	\$46,600	10	\$12,500	
	Skylight, Metal/Glass	5%			2037	**	10	\$41,800	
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : Bartos Room								
	Sloped Glazing	5%			LIFE	**	5	\$167,100	
Interior									
Floors									
	Carpet	10%			2026	\$1,282,900	3	\$136,400	
	Cast in Place Concrete	5%			LIFE	**	5	\$99,400	
	Ceramic Tile	3%			2036	**	5	\$27,300	
	Cork Tile	7%			2037	**	5	\$55,700	
	Marble Panels	45%	Now	\$819,200	LIFE	**	5	\$306,900	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Corridors								
	Quarry Tile	5%			2032	**	5	\$68,200	
	Vinyl Tile	15%			2027	\$1,281,900	3	\$51,100	
	Wood	10%			2042	**	5	\$170,500	
	Repairs in Progress, Extent : Light, Area Affected : 100%								
	Location : Main Reading Room								

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

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

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

NEW YORK PUBLIC LIBRARY - 035
CENTRAL RESEARCH LIBRARY STEPHEN A. SCHWARTZMAN BLDG
Asset # : 1924

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%		2030	**	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	

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

Location : Main Reading Room

Explanation : Repairs In Progress

Ceilings

AcousTileConcealSpLn	5%		2032	**	5	\$75,600	
AcousTileSusp.Lay-In	5%		2040	**	5	\$60,500	
Exposed Concrete	12%		LIFE	**	5	\$22,700	

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

Location : Area Under Bryant Park

Explanation : Stack / Archive Storage

Exposed Struc: Steel

8%		LIFE	**				
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Other Observation, Extent : Light, Area Affected : 100%

Location : Below Main Reading Room

Explanation : Book Stacks

Masonry: Infill Arch	5%		LIFE	**			
Masonry: Marble	15%		LIFE	**	1		
Metal Panel	5%		LIFE	**	5	\$75,600	
Plaster	33%		LIFE	**	5	\$249,400	

Repairs in Progress, Extent : Light, Area Affected : 35%

Location : Main Reading Room

Plaster	12%		LIFE	**	5	\$90,700	
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Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Over 600 Volts

Service Equipment

Fused Disc Sw	100%		2057	**	3	\$2,100	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Two 3000 Amperes Main Disconnect Switch (HPC)

Transformers

Dry Type	100%		2047	**	3	\$3,600	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Two-750 Kva, 208 Pri 10kv - 480/277 Sec

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

NEW YORK PUBLIC LIBRARY - 035
CENTRAL RESEARCH LIBRARY STEPHEN A. SCHWARTZMAN BLDG
Asset # : 1924

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Over 600 Volts								
Feeders								
Cable	100%			2052	**	1		
Raceway								
Conduit	100%			2057	**	1		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2057	**	5	\$1,700	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room							
	Explanation : One 2500 Amperes, One 2000 Amperes And Two 1200 Amperes Main Disconnect Switch							
Fused Disc Sw	40%			2027	\$55,700	5	\$1,100	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room							
	Explanation : One 1600 Amperes And Two 1200 Amperes Main Disconnect Switch							
Transformers								
Dry Type	100%			2025	\$17,500	5	\$2,400	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room							
	Explanation : 225 Kva, 112 Kva, 93 Kva, 75 Kva 480/277 Pri - 208/120 Sec							
Switchgear / Switchboard								
Fused Disc Sw	60%			2057	**	5	\$1,700	
Fused Disc Sw	40%			2027	\$172,900	5	\$1,100	
Raceway								
Conduit	60%			2027	\$298,700	1		
Conduit	40%			2057	**	1		
Panelboards								
Fused Disc Sw	5%			2026	\$14,900	5	\$700	
Fused Disc Sw	10%			2052	**	5	\$1,500	
Molded Case Bkrs	30%			2052	**	5	\$5,100	
Molded Case Bkrs	55%			2026	\$163,600	5	\$9,400	
Wiring								
Braided Cloth	20%	2-4	\$99,900	2052	**	1		
	Insulation Aged, Extent : Moderate, Area Affected : 100%							
	Location : Old Sections							
Thermoplastic	50%			2027	\$249,700	1		
Thermoplastic	30%			2057	**	1		
Motor Controllers								
Locally Mounted	10%			2025	\$133,600	5	\$400	
Motor Control Center	60%			2025	\$197,400	5	\$10,600	
Motor Control Center	20%			2047	**	5	\$3,500	
Variable Frequency Drive	10%			2047	**			
Ground								
Grounding Devices								
Generic	50%			LIFE	**	5	\$4,800	
Generic	50%			LIFE	**	5	\$4,800	

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NEW YORK PUBLIC LIBRARY - 035
CENTRAL RESEARCH LIBRARY STEPHEN A. SCHWARTZMAN BLDG
Asset # : 1924

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
Transfer Switches									
	Automatic	100%			2032	**	1	\$199,000	
Generators									
	Diesel	100%			2030	**	1	\$250,400	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Generator Room									
Explanation : One 500 Kw									
Batteries									
	Nickel Cadmium	100%			2020	\$1,700	5	\$144,100	
Fuel Storage									
	Day Tank	50%			2035	**	5	\$60,000	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Generator Room									
Explanation : One 30 Gallons									
	Main Tank	50%			2042	**	5	\$9,500	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Generator Room									
Explanation : One 600 Gallons Capacity									
Lighting									
Interior Lighting									
	Fluorescent	50%			2032	**	10	\$296,600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Offices									
Explanation : T-8 Lamps									
	Fluorescent	10%			2032	**	10	\$59,300	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Reading Area And Auditorium									
Explanation : Compact Fluorescent Lamps									
	Fluorescent	25%			2027	\$1,789,400	10	\$148,300	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Offices									
Explanation : T-12 Lamps									
	Fluorescent	5%			2032	**	10	\$29,700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Offices									
Explanation : T-5 Lamps									
	Incandescent	10%			2027	\$715,800	2	\$1,400	
Egress Lighting									
	Emergency, Service	30%			2032	**	1		
	Emergency, Battery	20%			2032	**	10	\$31,200	
	Exit, LED	30%			2055	**	1		
	Exit, Service	20%			2027	\$20,400	1		
Exterior Lighting									
	Fluorescent	100%			2022	\$2,291,300	10	\$59,200	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Outside Light Poles									
Explanation : Compact Fluorescent Lamps									

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NEW YORK PUBLIC LIBRARY - 035
CENTRAL RESEARCH LIBRARY STEPHEN A. SCHWARTZMAN BLDG
Asset # : 1924

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

Alarm

Security System

No Component

90%

Generic

10%

2027

\$216,300

1

\$24,200

Fire/Smoke Detection

No Component

90%

Generic, Analog

10%

2027

\$740,400

1-3

\$39,900

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

Heating

Energy Source

Utility Steam

90%

2037

* *

1

Electricity

10%

2037

* *

1

Conversion Equipment

Heat Exchanger, Plate & Frame

80%

2023

\$771,300

1

\$255,800

Pres. Reducing Valve/LP Steam

10%

2036

* *

5

\$3,800

No Component

10%

Distribution

Hot Wtr Piping/Pump

50%

2035

* *

4

\$23,900

Central Plant Steam

50%

2037

* *

4

\$15,900

Piping/Pmp

Terminal Devices

Air Handler

45%

2027

\$3,813,000

1

\$180,000

Convactor/Radiator

40%

2032

* *

1

\$83,500

Fan Coil Unit/Heat

10%

2027

\$902,500

1

\$20,900

Unit Heater - Steam

5%

2035

* *

4

\$4,400

Air Conditioning

Energy Source

Electricity

100%

2035

* *

1

Conversion Equipment

Centrifugal, Elec Chiller

35%

2030

* *

1

\$244,900

*Other Observation, Extent : Light, Area Affected : 35%**Location : Basement**Explanation : R123 Refrigerant*

Centrifugal, Elec Chiller

35%

2042

* *

1

\$244,900

*R-134a Refrigerant, Extent : Light, Area Affected : 100%**Location : Lower Engine Room*

Reciprocating

20%

2027

\$1,136,600

1

\$60,000

Compr/Chiller

*R-22 Refrigerant, Extent : Light, Area Affected : 20%**Location : Basement*

No Component

10%

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NEW YORK PUBLIC LIBRARY - 035
CENTRAL RESEARCH LIBRARY STEPHEN A. SCHWARTZMAN BLDG
Asset # : 1924

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Distribution								
	CW & CHW Wtr Pipe/Pump	90%			2037	* *	4	\$28,700	
	No Component	10%							
Terminal Devices									
	Air Handler/Cool/Ht	90%			2027	\$6,082,500	1	\$359,900	
	No Component	10%							
Heat Rejection									
	Water Cooling Tower	90%			2028	\$2,058,100	2	\$585,700	
	No Component	10%							
Dehumidifier									
	Not Accessible	100%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$360,600	
Exhaust Fans									
	Interior	90%			2027	\$2,143,900	2	\$17,800	
	Roof	10%			2027	\$111,200	2	\$2,000	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2037	* *	1		
Water Heater									
	Electric	100%			2022	\$589,800	4	\$3,800	
HW Heat Exchanger									
	Steam Fired	100%			2037	* *	4	\$63,900	
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Non-Submersible	100%			2022	\$102,100	4	\$13,700	
Sewage Ejector(s)									
	Electric	100%			2022	\$192,800	4	\$25,700	
Backflow Preventer									
	No Component	50%							
	Generic	50%			2032	* *	1	\$19,800	
Fixtures									
	Generic	100%							

Vertical Transport

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NEW YORK PUBLIC LIBRARY - 035
CENTRAL RESEARCH LIBRARY STEPHEN A. SCHWARTZMAN BLDG
Asset # : 1924

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport									
Elevators									
	Geared Traction	80%		LIFE		* *			
		Other Observation, Extent : Light, Area Affected : 80%							
		Location : (3) G, 1-3 (1) 1-3 (1) Freight 1-3							
		Explanation : 5 Units							
	Hydraulic	20%		LIFE		* *			
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : C, G, 1- Attic							
		Explanation : 1 Unit							
Fire Suppression									
Standpipe									
	Generic	100%			2037		* *	1-5	\$338,100
Sprinkler									
	No Component	95%							
	Generic	5%			2047		* *	1-2	\$9,100

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : CHATHAM SQUARE BRANCH LIBRARY
Address : 33 EAST BROADWAY @CATHERINE 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 : 18-May-2017 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,PEN
Block : 280 **Lot** : 44 **BIN** : 1003425

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture		\$63,200
Electrical		\$142,400
Mechanical		\$207,800
Total		\$413,400
Importance Code A		\$41,100
Importance Code B		\$372,300
Total		\$413,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$31,700		\$1,300	
Interior Architecture	\$63,300		\$3,000	\$500
Electrical	\$1,400	\$1,200	\$1,600	\$1,200
Mechanical	\$5,500	\$1,400	\$2,000	\$1,200
Site Pavements	\$500			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$106,400	\$6,500	\$11,800	\$6,900
Importance Code A	\$32,400	\$700	\$2,000	\$700
Importance Code B	\$48,400	\$5,800	\$8,900	\$6,200
Importance Code C	\$25,600		\$900	
Total	\$106,400	\$6,500	\$11,800	\$6,900



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.

NEW YORK PUBLIC LIBRARY - 035
CHATHAM SQUARE BRANCH LIBRARY
Asset # : 13325

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	52%			LIFE	**	5	\$18,800	
Masonry: Granite	5%			LIFE	**	5	\$1,400	
Masonry: Limestone	35%			LIFE	**	5	\$9,500	
Slate Panels	3%			LIFE	**	5	\$800	
Stucco Cement	5%			2033	**	5	\$2,300	
Windows								
Aluminum	70%			2036	**	5	\$1,400	
Aluminum	25%			2044	**	5	\$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Facade								
Explanation : Protective Metal Grilles								
Metal Louvers	5%			2031	**	10	\$600	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	**	5-10	\$3,700	
Concrete Masonry Unit	10%			LIFE	**	5-10	\$1,400	
Masonry: Brick	50%			LIFE	**	5-10	\$8,900	
Masonry: Limestone	23%	4+	\$4,800	LIFE	**	5	\$800	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Street Facade								
Metal Panel	3%			2048	**	5	\$300	
Metal Rail	5%			2033	**	5-10	\$2,400	
Metal Security Bars	2%			2056	**			
Metal: Cage/Fence	2%			2033	**	5-10	\$400	
Roof								
Modified Bitumen	100%			2033	**	10	\$8,800	
Interior								
Floors								
Carpet	5%	4+	\$700	2027	\$13,600	3	\$1,600	
Wrinkling, Extent : Moderate, Area Affected : 5%								
Location : Childrens Reading Area - 3rd Floor								
Ceramic Tile	5%			2041	**	5	\$1,100	
Marble Panels	2%			LIFE	**	5	\$600	
Sheet Vinyl/Rubber	10%			2028	\$63,200	5	\$3,200	
Vinyl Tile	58%			2033	**	3	\$4,600	
Wood	20%	4+	\$14,000	2056	**	5	\$3,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout 3rd Floor Public Spaces								
Interior Walls								
Ceramic Tile	5%			2031	**	5	\$1,800	
Glass: Single Pane	5%			LIFE	**	5	\$2,700	
Marble Panels	2%			LIFE	**	10	\$300	
Plaster	83%			LIFE	**	5-10	\$25,700	
Wood	5%			LIFE	**	5	\$14,600	

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

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NEW YORK PUBLIC LIBRARY - 035
CHATHAM SQUARE BRANCH LIBRARY
Asset # : 13325

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								
Ceilings								
AcousTileSusp.Lay-In	5%	4+	\$900	2033	* *	5	\$500	
			Misaligned/Bulging, Extent : Moderate, Area Affected : 15%					
			Location : Basement, Staff Areas					
			Staining/Discoloring, Extent : Moderate, Area Affected : 15%					
			Location : Basement, Staff Areas					
Plaster	95%			LIFE	* *	5-10	\$34,300	
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%			2038	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	\$500	2033	* *			
			Tripping Hazard, Extent : Moderate, Area Affected : 5%					
			Location : Proximate To Main Entrance					
Activity Yard								
Cast in Place Concrete	100%			2033	* *			
Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2038	* *	5	\$100	
			Other Observation, Extent : Moderate, Area Affected : 100%					
			Location : Electrical Room					
			Explanation : Main Service Switch Rated @ 800 Amperes.					
Switchgear / Switchboard								
Molded Case Bkrs	100%			2038	* *	5	\$400	
			Other Observation, Extent : Moderate, Area Affected : 100%					
			Location : Electrical Room					
			Explanation : 1- Vertical Section					
Raceway								
Conduit	100%			2038	* *	1		
Panelboards								
Fused Disc Sw	10%			2036	* *	5		
Molded Case Bkrs	90%			2036	* *	5	\$300	
Wiring								
Thermoplastic	100%			2038	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$400	
Lighting								

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

Estimates are rounded to the nearest hundred dollars.

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

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

NEW YORK PUBLIC LIBRARY - 035
CHATHAM SQUARE BRANCH LIBRARY
Asset # : 13325

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2028	\$113,900	10	\$10,300	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	20%			2028	\$28,500	10	\$2,600	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Reading Areas And Hallways</i>								
Egress Lighting								
Emergency, Battery	50%			2028	\$9,600	10	\$1,700	
Exit, LED	50%			2043	* *	1		
Exterior Lighting								
HID	10%			2028	\$5,400	10		
No Component	90%							
Alarm								
Security System								
No Component	30%							
Generic	70%			2036	* *	1	\$3,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Reading Areas And Hallways</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *	1-3	\$8,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2038	* *	1		
Conversion Equipment								
Furnace	60%			2028	\$18,800	1	\$4,200	
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Roof</i>								
<i>Explanation : 6 Roof Top Package Units</i>								
Hot Water Boiler	40%			2026	\$41,100	1	\$2,800	
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Old Set Units (3 Boilers)</i>								
Distribution								
Hot Wtr Piping/Pump	40%			2036	* *	4	\$400	
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.

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
CHATHAM SQUARE BRANCH LIBRARY
Asset # : 13325

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Convector/Radiator	40%			2033	**	1	\$1,800	
	No Component	60%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2036	**	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	100%			2028	\$166,800	2	\$900	
		Other Observation, Extent : Light, Area Affected : 60% Location : Roof Explanation : 6 Roof Top Package Units. R-22							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$12,400	
	Exhaust Fans								
	Roof	100%			2028	\$22,100	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2038	**	1		
	Water Heater								
	Electric	100%			2027	\$11,700	4	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 100% Location : B- 4th Floor Explanation : 1 Unit							
Fire Suppression									
	Sprinkler								
	No Component	80%							
	Generic	20%			2054	**	1-2	\$800	

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : CLASON'S POINT BRANCH LIBRARY
Address : 1215 MORRISON AVE. @WESTCHESTER AVE.
Borough : BRONX **Agency's Number** : C02
Program / Asset # : NPL0C02.000 / 13326 **Yr Built/Renovated** : 1974 / 2007
Area Sq Ft : 9,644 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 10-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 3777 **Lot** : 62 **BIN** : 2025381

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$88,800	\$148,000
Electrical		\$147,900
Mechanical	\$61,600	
Total	\$150,400	\$295,800
Importance Code A	\$88,800	\$148,000
Importance Code B	\$61,600	\$147,900
Total	\$150,400	\$295,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$12,000			
Interior Architecture	\$6,500	\$1,600	\$300	
Electrical	\$900	\$1,100	\$1,100	\$8,200
Mechanical	\$46,800	\$3,100	\$5,800	\$4,600
Total	\$66,100	\$5,800	\$7,200	\$12,900
Importance Code A	\$12,400	\$500	\$500	\$600
Importance Code B	\$53,700	\$5,300	\$6,600	\$12,300
Importance Code C			\$200	
Total	\$66,100	\$5,800	\$7,200	\$12,900



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.

NEW YORK PUBLIC LIBRARY - 035
CLASON'S POINT BRANCH LIBRARY
Asset # : 13326

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	58%			LIFE	**	5	\$7,800	
Masonry: Brick	2%	4+	\$800	LIFE	**	5	\$300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : North Facade								
Window Wall	40%			2053	**	5	\$20,200	
Recent Replace Evident, Extent : Light, Area Affected : 60%								
Location : West Facade								
Windows								
Aluminum	100%	4+	\$2,800	2043	**	5	\$700	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Insect Screens Missing Throughout								
Parapets								
Masonry: Brick	10%			LIFE	**	5	\$100	
Metal Panel	75%	Now	\$6,600	2037	**	5	\$800	1
Caulking Deteriorated, Extent : Severe, Area Affected : 75%								
Location : At Aluminum Copings								
Metal: Cage/Fence	15%	2-4	\$1,700	2047	**	5	\$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 60%								
Location : Throughout Roof Fencing								
Deformed/Dented, Extent : Severe, Area Affected : 60%								
Location : Throughout Roof Fencing								
Deteriorated Finish, Extent : Severe, Area Affected : 60%								
Location : Throughout Roof Fencing								
Roof								
Modified Bitumen	100%	2-4	\$88,800	2027	\$148,000			
Blisters, Extent : Severe, Area Affected : 75%								
Location : Throughout Roof								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$3,200	
Ceramic Tile	2%			2036	**	5	\$300	
Vinyl Tile	88%			2032	**	3	\$4,800	
Interior Walls								
Ceramic Tile	2%			2036	**	5	\$300	
Concrete Masonry Unit	98%			LIFE	**	5	\$6,000	
Ceilings								
AcousTileSusp.Lay-In	90%			2044	**	5	\$13,000	
Exposed Concrete	10%			LIFE	**	5	\$200	
Site Enclosure								
Fence/Gates								
Chain link	100%			2037	**			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	**			
On-Site Walkways								
Cast in Place Concrete	100%			2040	**			

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Estimates are rounded to the nearest hundred dollars.

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

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NEW YORK PUBLIC LIBRARY - 035
CLASON'S POINT BRANCH LIBRARY
Asset # : 13326

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2037	* *	5	\$300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 600 Amperes Service							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2037	* *	5	\$300	
	Raceway								
	Conduit	70%			2027	\$22,200	1		
	Conduit	30%			2037	* *	1		
	Panelboards								
	Molded Case Bkrs	100%			2035	* *	5	\$300	
	Wiring								
	Thermoplastic	70%			2047	* *	1		
	Thermoplastic	30%			2037	* *	1		
	Motor Controllers								
	Locally Mounted	70%			2025	\$10,700	5		
	Locally Mounted	30%			2040	* *	5		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	80%			2032	* *	10	\$7,100	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Fluorescent	10%			2027	\$9,800	10	\$900	
		T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Incandescent	10%			2027	\$9,800	2		
	Egress Lighting								
	Emergency, Service	40%			2032	* *	1		
	Exit, Service	60%			2032	* *	1		
	Exterior Lighting								
	HID	100%			2027	\$36,900	10		
Alarm									
	Security System								
	Generic	100%			2032	* *	1	\$3,600	
	Fire/Smoke Detection								
	Generic, Digital	100%			2027	\$101,200	1-3	\$5,900	

Mechanical		Current Repair			Future Replacement		Maintenance		
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.

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NEW YORK PUBLIC LIBRARY - 035
CLASON'S POINT BRANCH LIBRARY
Asset # : 13326

Mechanical		Current Repair			Future Replacement		Maintenance		
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%			2047	**	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2040	**	1	\$4,800	
	Distribution								
	Hot Wtr Piping/Pump	100%			2043	**	4	\$700	
	Terminal Devices								
	Air Handler	40%			2032	**	1	\$2,400	
		On Extended Life, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Convactor/Radiator	60%			2040	**	1	\$1,900	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Reciprocating	90%			2032	**	1	\$4,000	
	Compr/Chiller								
	Split Unit	10%			2032	**			
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2	\$12,500	
	Terminal Devices								
	Air Handler/Cool/Ht	100%	0-2	\$61,600	2032	**	1	\$5,400	
		On Extended Life, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Heat Rejection								
	Dry Cooler	90%			2032	**	2	\$6,000	
	No Component	10%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,400	
	Exhaust Fans								
	Interior	60%	0-2	\$11,700	2032	**	2	\$100	
		On Extended Life, Extent : Moderate, Area Affected : 60%							
		Location : Basement							
	Roof	40%			2027	\$6,100	2	\$100	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2040	**	1		
	Water Heater								
	Electric	100%			2026	\$8,100	4	\$100	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Basement Mechanical Room							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Mechanical Room							
		Explanation : Instantaneous Type Heater-No Storage							

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Estimates are rounded to the nearest hundred dollars.*

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

NEW YORK PUBLIC LIBRARY - 035
CLASON'S POINT BRANCH LIBRARY
Asset # : 13326

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sanitary Piping								
	Cast Iron	100%	4+	\$33,500	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Strong Sewage Smell - Could Be Underground Break In Piping									
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2022	\$1,400	4	\$200	
	Fixtures								
	Generic	100%							

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 01-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 1060 **Lot** : 63 **BIN** : 1026706

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$265,500	\$7,000
Total	\$265,500	\$7,000
Importance Code A	\$265,500	\$7,000
Total	\$265,500	\$7,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$43,500	\$600		\$100
Interior Architecture	\$5,000	\$2,900		
Electrical	\$100	\$200	\$100	\$12,200
Mechanical	\$1,300	\$1,200	\$1,900	\$1,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$53,800	\$8,800	\$6,000	\$17,400
Importance Code A	\$44,100	\$1,200	\$600	\$700
Importance Code B	\$9,700	\$7,000	\$5,400	\$16,700
Importance Code C		\$600		
Total	\$53,800	\$8,800	\$6,000	\$17,400



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 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
COLUMBUS BRANCH LIBRARY
Asset # : 13327

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	40%	Now	\$70,600	LIFE	* *	5	\$11,600	
		Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Corners							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : East Facade							
		Patching Evident, Extent : Moderate, Area Affected : 30%							
		Location : East Facade							
		Worn/Eroded, Extent : Moderate, Area Affected : 25%							
		Location : East Facade							
	Masonry: Granite	5%			LIFE	* *	5	\$1,100	
	Masonry: Limestone	50%	Now	\$159,900	LIFE	* *	5	\$10,800	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
		Location : Over Main Entrance							
		Staining/Discoloring, Extent : Moderate, Area Affected : 15%							
		Location : Street Facade							
	Stucco Cement	5%	Now	\$4,200	2032	* *	5	\$1,800	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Bulkheads							
		Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Bulkheads							
Windows									
	Aluminum	68%	Now	\$12,100	2035	* *	5	\$1,400	
		Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Hardware Missing, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Aluminum	30%			2035	* *	5	\$1,300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Street Level							
		Explanation : Protective Metal Grilles							
	Metal Louvers	2%			2036	* *	10	\$500	

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

NEW YORK PUBLIC LIBRARY - 035
COLUMBUS BRANCH LIBRARY
Asset # : 13327

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Parapets								
	Masonry: Brick	15%	Now	\$2,200	LIFE	* *	5	\$200	
		Diagonal Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Street Facade (Interior Wall)							
		Spalling, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 50 Interior Face Of Parapet - 10th Avenue Façade							
		Explanation : Stucco Finish							
	Masonry: Brick	45%	Now	\$32,800	LIFE	* *	5	\$600	1
		Diagonal Cracks, Extent : Severe, Area Affected : 15%							
		Location : Interior Face Of Parapet							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Loose Units, Extent : Moderate, Area Affected : 15%							
		Location : Rear Facade							
		Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Spalling, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Vertical Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Corners							
	Masonry: Limestone	10%	Now	\$13,200	LIFE	* *	5	\$200	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : Coping							
		Caulking Deteriorated, Extent : Moderate, Area Affected : 25%							
		Location : Coping							
		Vegetation Growth, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Worn/Eroded, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
	Metal Panel	5%			2047	* *	5	\$200	
	Metal: Cage/Fence	25%	Now	\$6,300	2047	* *	5	\$1,000	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Deteriorated Finish, Extent : Moderate, Area Affected : 35%							
		Location : Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
COLUMBUS BRANCH LIBRARY
Asset # : 13327

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Roof									
	Modified Bitumen	90%	2-4	\$6,300	2032		**		
Blisters, Extent : Light, Area Affected : 20%									
Location : Upper Roof									
Debris Present, Extent : Moderate, Area Affected : 15%									
Location : At Roof Drains									
Vegetation Growth, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
	Modified Bitumen	10%	Now	\$1,400	2027	\$7,000			
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : At Roof Penetration - Lower Roof									
Interior									
Floors									
	Cast in Place Concrete	5%			LIFE	**	5	\$1,900	
	Ceramic Tile	5%			2040	**	5	\$900	
	Marble Panels	5%	4+	\$3,200	LIFE	**	5	\$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Stairs To Roof									
	Slate	5%			LIFE	**	5	\$900	
	Vinyl Tile	80%			2035	**	3	\$5,300	
Interior Walls									
	Ceramic Tile	5%			2040	**	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%			2044	**	5	\$3,400	
	Exposed Concrete	20%			LIFE	**	5	\$500	
	Fiber Board	10%			2032	**			
	Gypsum Board	20%			LIFE	**	5	\$4,300	
	Plaster	30%			LIFE	**	5	\$3,200	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2047	* *	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amperes Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2047	* *	5	\$100	
Raceway								
Conduit	100%			2047	* *	1		

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

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

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

NEW YORK PUBLIC LIBRARY - 035
COLUMBUS BRANCH LIBRARY
Asset # : 13327

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2043	**	5		
Molded Case Bkrs	90%			2043	**	5	\$300	
Wiring								
Thermoplastic	100%			2047	**	1		
Motor Controllers								
Locally Mounted	100%			2040	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	88%			2032	**	10	\$9,300	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2032	**	10	\$200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2032	**	10	\$1,100	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Battery	50%			2032	**	10	\$1,400	
Exit, LED	50%			2055	**	1		
Exterior Lighting								
HID	100%			2032	**	10		
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2032	**	1-3	\$1,400	

Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2047	* *	1		
	Conversion Equipment								
	Furnace	50%			2032	* *	1	\$2,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Roof							
		Explanation : 2 Units							
	Hot Water Boiler	50%			2047	* *	1	\$2,900	
		Recent Installation, Extent : Light, Area Affected : 100%							
		Location : 1 Boiler In Boiler Room							

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

Estimates are rounded to the nearest hundred dollars.

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

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

NEW YORK PUBLIC LIBRARY - 035
COLUMBUS BRANCH LIBRARY
Asset # : 13327

Mechanical		Current Repair		Future Replacement		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	100%			2043	**	4	\$900	
	Terminal Devices								
	Convactor/Radiator	100%			2032	**	1	\$3,700	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	100%			2032	**	2	\$700	
				R-22 Refrigerant, Extent : Moderate, Area Affected : 100%					
				Location : 3 Units					
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,400	
	Exhaust Fans								
	Roof	100%			2032	**	2	\$400	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2040	**	1		
	Water Heater								
	Gas Fired	100%			2027	\$6,700	2	\$200	
				Recent Installation, Extent : Light, Area Affected : 100%					
				Location : Mechanical Room					
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : B,I,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.

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : COUNTEE CULLEN BRANCH LIBRARY
Address : 104 WEST 136TH ST. NEAR MALCOLM X BLVD.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : NPL0007.000 / 4221 **Yr Built/Renovated** : 1941 / 1990
Area Sq Ft : 23,345 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 29-Mar-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,1M,2,3
Block : 1920 **Lot** : 26 **BIN** : 1058275

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$737,900	\$36,900
Interior Architecture		\$104,900
Electrical	\$231,400	\$27,500
Mechanical	\$180,800	\$36,800
Total	\$1,150,100	\$206,100
Importance Code A	\$881,200	\$36,900
Importance Code B	\$268,900	\$116,900
Importance Code C		\$52,300
Total	\$1,150,100	\$206,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$39,000			
Interior Architecture	\$28,000	\$1,600	\$1,800	\$31,600
Electrical	\$400	\$600	\$700	\$42,400
Mechanical	\$3,900	\$3,700	\$7,000	\$3,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$75,300	\$9,800	\$13,500	\$81,600
Importance Code A	\$39,000	\$2,300	\$2,300	\$2,400
Importance Code B	\$36,300	\$5,900	\$11,100	\$79,200
Importance Code C		\$1,600		
Total	\$75,300	\$9,800	\$13,500	\$81,600



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 - 035
COUNTEE CULLEN BRANCH LIBRARY
Asset # : 4221

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	25%			LIFE	* *	5	\$8,900	
		Sidewalk Shed in Use, Extent : Severe, Area Affected : 100% Location : Due To Loose And Delaminating Stones - Entry Facade							
	Masonry: Brick	65%	Now	\$140,900	LIFE	* *	5	\$23,100	
		Diagonal Cracks, Extent : Moderate, Area Affected : 5% Location : Chimney Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50% Location : East Facade, West Facade Worn/Eroded, Extent : Moderate, Area Affected : 25% Location : West Facade, East Facade							
	Pre-Cast Concrete	3%	Now	\$7,100	LIFE	* *	5	\$3,500	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 25% Location : Window Details - Street Facade - Above Main Entrance							
	Slate Panels	5%	Now	\$94,000	LIFE	* *	5	\$1,300	
		Broken/Missing Elements, Extent : Severe, Area Affected : 100% Location : Window Sills - East, West, South Facades Cracking/Crumbling, Extent : Severe, Area Affected : 100% Location : Window Sills - East, West, South Facades Spalling, Extent : Severe, Area Affected : 50% Location : Window Sills - East, West, South Facades							
	Wood	2%	Now	\$37,700	2047	* *	5	\$1,800	1
		Dry Rot/Decay, Extent : Severe, Area Affected : 100% Location : Trim At Windows - East, West, South Facades							
Windows									
	Aluminum	40%	Now	\$16,700	2043	* *	5	\$2,000	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10% Location : 3rd Floor Windows Hardware Missing, Extent : Moderate, Area Affected : 10% Location : 3rd Floor Windows							
	Steel	60%	0-2	\$312,200	2052	* *	5	\$36,900	1
		Corrosion/Rusting, Extent : Severe, Area Affected : 35% Location : East Facade, West Facade Deteriorated Finish, Extent : Severe, Area Affected : 100% Location : East Facade, West Facade Thermally Inefficient, Extent : Moderate, Area Affected : 100% Location : East Facade, West Facade							

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

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
COUNTEE CULLEN BRANCH LIBRARY
Asset # : 4221

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	\$1,700	
Masonry: Brick	25%	Now	\$13,000	LIFE	* *	5	\$1,100	
Loose/Delam Surface, Extent : Moderate, Area Affected : 25%								
Location : Interior Face Of North Parapet								
Misaligned/Bulging, Extent : Light, Area Affected : 20%								
Location : North Parapet Wall								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Interior Face Of North Parapet								
Masonry: Brick	63%	Now	\$49,000	LIFE	* *	5	\$2,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : East And West Parapets								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : East And West Parapets								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : East And West Parapets								
Masonry: Limestone	2%	Now	\$1,900	LIFE	* *	5	\$100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping At Parapet Over Mezzanine								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Coping At Parapet Over Mezzanine								
Metal Security Bars	2%	Now	\$3,200	2067	* *			1
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : At Roof Over Mezzanine								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : At Roof Over Mezzanine								
Metal: Cage/Fence	3%	Now	\$500	2032	* *	5	\$400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : At West Parapet								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : At West Parapet								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

NEW YORK PUBLIC LIBRARY - 035
COUNTEE CULLEN BRANCH LIBRARY
Asset # : 4221

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Roof									
Modified Bitumen	93%	Now	\$91,100	2037	**			1	
	Blisters, Extent : Severe, Area Affected : 25%								
	Location : Over Third Floor								
	Debris Present, Extent : Severe, Area Affected : 25%								
	Location : Under Dunnage								
	Patching Evident, Extent : Light, Area Affected : 10%								
	Location : Throughout, 2011								
	Ponding, Extent : Moderate, Area Affected : 50%								
	Location : Over Third Floor								
	Seams Open/Split, Extent : Severe, Area Affected : 25%								
	Location : Over Third Floor								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Over 3rd Floor								
Panel/Paver: Cer/Brk	5%	Now	\$9,500	2057	**				
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Small Section Over Mezzanine								
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
	Location : Small Section Over Mezzanine								
	Vegetation Growth, Extent : Severe, Area Affected : 15%								
	Location : Mezzanine Roof								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : Small Section Over Mezzanine								
Skylight, Metal/Glass	2%			2037	**	10	\$1,100		
Interior									
Floors									
Carpet	70%	4+	\$18,400	2026	\$368,600	3	\$42,800		
	Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
	Location : Basement								
Cast in Place Concrete	5%			LIFE	**	5	\$4,500		
Ceramic Tile	5%			2036	**	5	\$2,000		
Terrazzo	5%	0-2	\$9,600	LIFE	**	5	\$1,600		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Stairs								
Vinyl Tile	15%			2027	\$52,600	3	\$2,300		
Interior Walls									
Ceramic Tile	3%			2030	**	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%			2032	**	5	\$34,600		
Gypsum Board	10%			LIFE	**	5	\$5,100		
Plaster	5%			LIFE	**	5	\$1,300		

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

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

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

NEW YORK PUBLIC LIBRARY - 035
COUNTEE CULLEN BRANCH LIBRARY
Asset # : 4221

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2027	\$2,600	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 400 Amperes Main Disconnect Switch</i>								
Raceway								
Conduit	90%			2027	\$28,600	1		
Conduit	10%			2047	* *	1		
Panelboards								
Fused Disc Sw	5%			2026	\$1,100	5		
Molded Case Bkrs	75%			2026	\$17,000	5	\$500	
Molded Case Bkrs	20%			2026	\$4,500	5	\$100	
Wiring								
Thermoplastic	80%			2027	\$22,500	1		
Thermoplastic	20%			2047	* *	1		
Motor Controllers								
Locally Mounted	60%			2025	\$27,500	5	\$100	
Locally Mounted	40%			2040	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	30%			2032	* *	10	\$6,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-8 Lamps</i>								
Fluorescent	10%			2032	* *	10	\$2,100	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	60%			2022	\$142,100	10	\$12,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-12 Lamps</i>								
Egress Lighting								
Emergency, Battery	50%			2022	\$15,900	10	\$2,800	
Exit, Service	50%			2022	\$1,700	1		
Exterior Lighting								
HID	100%			2022	\$89,300	10	\$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	\$1,700	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2032	* *	1-3	\$2,900	

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

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

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

NEW YORK PUBLIC LIBRARY - 035
COUNTEE CULLEN BRANCH LIBRARY
Asset # : 4221

Mechanical		Current Repair			Future Replacement		Maintenance		
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%			2047	**	1		
	Conversion Equipment								
	Steam Boiler	100%	Now	\$143,300	2047	**	1	\$20,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 4 Units - Inadequate Heat Output							
	Distribution								
	Central Plant Steam Piping/Pmp	100%	Now	\$37,500	2037	**	4	\$1,200	
		Leak Evident, Extent : Moderate, Area Affected : 5%							
		Location : Traps And Condensate Return Lines							
	Terminal Devices								
	Air Handler	40%			2035	**	1	\$5,800	
	Convactor/Radiator	60%			2040	**	1	\$4,500	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Exterior Pkg Unit - Cooling	35%			2035	**	2	\$500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : Refrigerant Type 410a							
	No Component	65%							
	Terminal Devices								
	Fan Coil - 2 Pipe	35%			2032	**	1	\$2,600	
	No Component	65%							
	Heat Rejection								
	Air Cooled Condenser Unit	35%			2035	**	2	\$5,700	
	No Component	65%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$13,000	
	Exhaust Fans								
	Roof	100%			2027	\$36,800	2	\$700	
Plumbing									
	H/C Water Piping								
	Brass/Copper	20%			2037	**	1		
	Galvanized Steel	80%			2032	**	1		
	Water Heater								
	Gas Fired	100%			2025	\$13,500	2	\$300	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		

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

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

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

NEW YORK PUBLIC LIBRARY - 035
COUNTEE CULLEN BRANCH LIBRARY
Asset # : 4221

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sump Pump(s)								
	Submersible	100%			2019	\$800	4	\$700	
	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%			2047	* *	1-2	\$1,000	

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

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : DONGAN HILLS BRANCH LIBRARY
Address : 1617 RICHMOND RD. @ LIBERTY AVE.
Borough : STATEN ISLAND **Agency's Number** : D01
Program / Asset # : NPL0D01.000 / 13328 **Yr Built/Renovated** : 1974 / 1999
Area Sq Ft : 7,500 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 04-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 883 **Lot** : 8 **BIN** : 5022895

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical	\$19,000	
Mechanical		\$240,100
Total	\$19,000	\$240,100
Importance Code B	\$19,000	\$240,100
Total	\$19,000	\$240,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$6,400	\$400		\$1,300
Interior Architecture	\$4,600	\$6,900	\$500	\$4,600
Electrical	\$700	\$800	\$800	\$20,000
Mechanical	\$2,000	\$900	\$4,800	\$900
Total	\$13,700	\$9,000	\$6,000	\$26,700
Importance Code A	\$6,700	\$700	\$400	\$1,800
Importance Code B	\$6,900	\$8,200	\$5,500	\$24,900
Importance Code C			\$200	
Total	\$13,700	\$9,000	\$6,000	\$26,700



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

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

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

NEW YORK PUBLIC LIBRARY - 035
DONGAN HILLS BRANCH LIBRARY
Asset # : 13328

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	80%			LIFE	**	5	\$11,700	
	Panel/Paver: Limestone	20%			LIFE	**	5	\$2,200	
Windows									
	Aluminum	100%			2035	**	5	\$700	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Thermally Inefficient									
Parapets									
	Masonry: Limestone	10%			LIFE	**	5	\$100	
	Metal Panel	90%			2047	**	5	\$2,700	
Roof									
	Modified Bitumen	100%	4+	\$6,400	2032	**			
Ponding, Extent : Light, Area Affected : 10%									
Location : At Front Of Building By Entrance									
Interior									
Floors									
	Carpet	80%			2028	\$117,900	3	\$18,200	
Recent Installation, Extent : Light, Area Affected : 100%									
Location : Throughout									
	Cast in Place Concrete	5%			LIFE	**	5	\$1,200	
	Ceramic Tile	5%			2036	**	5	\$600	
	Vinyl Tile	10%			2035	**	3	\$400	
Interior Walls									
	Ceramic Tile	5%			2036	**	5	\$300	
	Concrete Masonry Unit	95%			LIFE	**	5	\$2,600	
Ceilings									
	AcousTileConcealSpLn	95%			2040	**	5	\$13,500	
Recent Repair Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
	Exposed Struc: Steel	5%			LIFE	**			
Site Enclosure									
Fence/Gates									
	Aluminum Picket	100%			2037	**			
Retaining Walls									
	Cast in Place Concrete	100%			2047	**			
Site Pavements									
Public Sidewalk									
	Cast in Place Concrete	100%			2032	**			

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2027	\$1,500	5	\$200	

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

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

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

NEW YORK PUBLIC LIBRARY - 035
DONGAN HILLS BRANCH LIBRARY
Asset # : 13328

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2027	\$32,700	5	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : 400a Main Service Molded Case Circuit Breaker In The Swithboard.							
	Raceway								
	Conduit	75%			2027	\$23,800	1		
	Conduit	25%			2047	* *	1		
	Panelboards								
	Fused Disc Sw	5%			2035	* *	5		
	Molded Case Bkrs	25%			2043	* *	5	\$100	
	Molded Case Bkrs	70%			2026	\$10,600	5	\$100	
	Wiring								
	Thermoplastic	95%			2037	* *	1		
	Thermoplastic	5%			2047	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2032	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Water Service Entrance							
		Explanation : Rusted Ground Clamps							
Lighting									
	Interior Lighting								
	Fluorescent	25%			2022	\$19,000	10	\$1,700	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : First Floor							
	Fluorescent	75%			2032	* *	10	\$5,200	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : First Floor							
	Egress Lighting								
	Exit, Service	100%			2027	\$1,100	1		
	Exterior Lighting								
	HID	50%			2027	\$14,300	10		
	Incandescent	50%			2022	\$12,200	2		
Alarm									
	Security System								
	Generic	100%			2032	* *	1	\$2,800	
	Fire/Smoke Detection								
	Generic, Digital	100%			2032	* *	1-3	\$4,600	

Mechanical		Current Repair			Future Replacement		Maintenance		
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.

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

NEW YORK PUBLIC LIBRARY - 035
DONGAN HILLS BRANCH LIBRARY
Asset # : 13328

Mechanical		Current Repair			Future Replacement		Maintenance		
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%			2047	**	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2032	**	1	\$3,700	
	Distribution								
	Hot Wtr Piping/Pump	100%			2043	**	4	\$600	
	Terminal Devices								
	Air Handler	50%			2027	\$50,000	1	\$2,300	
	Convactor/Radiator	50%			2040	**	1	\$1,200	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Int Pkg Unit - Heating/Cooling	100%			2028	\$151,300	2	\$500	
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2	\$9,800	
	Heat Rejection								
	Dry Cooler	100%			2027	\$38,700	2	\$5,200	
Ventilation									
	Distribution								
	Ductwork/Diffusers	98%			LIFE	**	2-5	\$4,100	
	Ductwork/Diffusers	2%	Now	\$100	LIFE	**	2-5	\$100	
	Damaged, Extent : Light, Area Affected : 10%								
	Location : IT Room								
	Exhaust Fans								
	Roof	100%			2032	**	2	\$200	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2032	**	1		
	Water Heater								
	Gas Fired	100%			2025	\$4,300	2	\$100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : 40 Gallons								
	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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : EASTCHESTER BRANCH LIBRARY
Address : 1385 EAST GUN HILL RD. @DEWITT PL.
Borough : BRONX **Agency's Number** : E01
Program / Asset # : NPL0E01.000 / 13329 **Yr Built/Renovated** : 1982 / 2007
Area Sq Ft : 7,500 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 20-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 4762 **Lot** : 22 **BIN** : 2061767

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$123,900	
Electrical	\$15,200	\$57,100
Mechanical		\$79,800
Total	\$139,200	\$136,900
Importance Code A	\$123,900	
Importance Code B	\$15,200	\$136,900
Total	\$139,200	\$136,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$16,700			
Interior Architecture	\$1,000	\$800	\$400	\$6,100
Electrical	\$700	\$900	\$700	\$5,900
Mechanical	\$6,400	\$1,700	\$5,700	\$1,700
Total	\$24,900	\$3,400	\$6,900	\$13,700
Importance Code A	\$17,100	\$400	\$400	\$400
Importance Code B	\$7,800	\$3,100	\$6,400	\$13,300
Importance Code C			\$100	
Total	\$24,900	\$3,400	\$6,900	\$13,700



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.

NEW YORK PUBLIC LIBRARY - 035
EASTCHESTER BRANCH LIBRARY
Asset # : 13329

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	\$14,800	
	Expansion Jnt Failure, Extent : Moderate, Area Affected : 100% Location : Vertical Expansion Joints At Masonry Throughout Loose/Delam Surface, Extent : Moderate, Area Affected : 1% Location : Rear Corner Southeast, Parapet Is Delaminating							
Masonry: Limestone	5%			LIFE	* *	5	\$600	
Windows								
Aluminum	100%			2043	* *	5	\$1,000	
Parapets								
Masonry: Brick	15%			LIFE	* *	5	\$200	
Masonry: Limestone	10%	Now	\$700	LIFE	* *	5	\$200	1
	Caulking Deteriorated, Extent : Severe, Area Affected : 100% Location : Limestone Coping Joints Failing							
Metal Rail	75%	Now	\$16,000	2040	* *	5	\$7,000	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : North Facade Deteriorated Finish, Extent : Moderate, Area Affected : 35% Location : North Facade, West Facade							
Roof								
Modified Bitumen	100%	Now	\$123,900	2037	* *			
	Blisters, Extent : Moderate, Area Affected : 10% Location : Throughout Roof Area Water Penetration, Extent : Moderate, Area Affected : 15% Location : First Floor Ceiling Tiles Exhibit Staining From Roof Leaks							
Interior								
Floors								
Carpet	15%			2026	\$21,700	3	\$2,500	
Cast in Place Concrete	5%			LIFE	* *	5	\$1,200	
Ceramic Tile	5%			2036	* *	5	\$600	
Vinyl Tile	75%			2037	* *	3	\$4,200	
	Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Throughout							
Interior Walls								
Ceramic Tile	5%			2036	* *	5	\$300	
Concrete Masonry Unit	85%			LIFE	* *	5	\$2,000	
Glass: Single Pane	10%			LIFE	* *	5	\$400	
Ceilings								
AcousTileSusp.Lay-In	90%			2032	* *	5	\$10,100	
	Staining/Discoloring, Extent : Light, Area Affected : 10% Location : Throughout							
Exposed Struc: Steel	10%			LIFE	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
EASTCHESTER BRANCH LIBRARY
Asset # : 13329

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2037	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 400 Amperes Main Disconnect Switch							
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2037	* *	5		
	Raceway								
	Conduit	90%			2027	\$28,600	1		
	Conduit	10%			2037	* *	1		
	Panelboards								
	Fused Disc Sw	70%			2035	* *	5	\$100	
	Molded Case Bkrs	30%			2026	\$4,500	5	\$100	
	Wiring								
	Thermoplastic	100%			2037	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2032	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$100	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Water Main							
		Explanation : Recently Installed							
Lighting									
	Interior Lighting								
	Fluorescent	20%			2022	\$15,200	10	\$1,400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Using T-12 Lamps							
	Fluorescent	75%			2027	\$57,100	10	\$5,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Using T-12 Lamps							
	Incandescent	5%			2022	\$3,800	2		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Childrens Reading Room							
		Explanation : Chandeliers							
	Egress Lighting								
	Emergency, Service	50%			2027	\$1,900	1		
	Exit, Service	50%			2027	\$500	1		
Alarm									
	Security System								
	Generic	100%			2032	* *	1	\$2,800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Cameras And Access Control							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
EASTCHESTER BRANCH LIBRARY
Asset # : 13329

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

Alarm

Fire/Smoke Detection

Generic, Digital

100%

2032

* *

1-3

\$4,600

Mechanical		Current Repair			Future Replacement		Maintenance		
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%

2047

* *

1

Conversion Equipment

Hot Water Boiler

100%

2040

* *

1

\$3,700

Distribution

Hot Wtr Piping/Pump

100%

2043

* *

4

\$600

Terminal Devices

Air Handler

100%

2032

* *

1

\$4,600

Air Conditioning

Energy Source

Electricity

100%

2043

* *

1

Conversion Equipment

Reciprocating

Compr/Chiller

100%

2032

* *

1

\$3,500

Distribution

Ductwork/Diffusers

100%

LIFE

* *

2

\$9,800

Terminal Devices

Air Handler/Cool/Ht

100%

Now

\$4,000

2027

\$79,800

1

\$4,200

*Unbalanced System, Extent : Severe, Area Affected : 20%**Location : 1st Floor*

Heat Rejection

Air Cooled Condenser

Unit

100%

2027

\$14,300

2

\$5,200

Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

* *

2-5

\$4,200

Exhaust Fans

Roof

100%

2032

* *

2

\$200

Plumbing

H/C Water Piping

Galvanized Steel

100%

2040

* *

1

Water Heater

Gas Fired

100%

2025

\$4,300

2

\$100

*Other Observation, Extent : Light, Area Affected : 100%**Location : Mechanical Room**Explanation : One 40 Gallon Water Heater*

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.*

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

NEW YORK PUBLIC LIBRARY - 035
EASTCHESTER BRANCH LIBRARY
Asset # : 13329

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2032	* *	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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : EDENWALD BRANCH LIBRARY
Address : 1255 EAST 233RD ST. @DE REIMER AVE.
Borough : BRONX **Agency's Number** : E02
Program / Asset # : NPL0E02.000 / 13330 **Yr Built/Renovated** : 1973 /
Area Sq Ft : 7,500 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 20-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 4956 **Lot** : 1 **BIN** : 2066596

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$125,300	
Electrical		\$78,700
Mechanical		\$88,700
Total	\$125,300	\$167,400
Importance Code A	\$125,300	
Importance Code B		\$167,400
Total	\$125,300	\$167,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,200			
Interior Architecture	\$12,500	\$400		\$4,600
Electrical	\$3,600	\$800	\$800	\$11,200
Mechanical	\$2,300	\$1,100	\$5,100	\$1,100
Site Enclosure	\$30,000			
Site Pavements	\$3,300			
Total	\$54,000	\$2,300	\$6,000	\$17,000
Importance Code A	\$2,600	\$400	\$400	\$500
Importance Code B	\$18,000	\$2,000	\$5,600	\$16,500
Importance Code C	\$33,300			
Total	\$54,000	\$2,300	\$6,000	\$17,000



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 years is not included in this report.

NEW YORK PUBLIC LIBRARY - 035
EDENWALD BRANCH LIBRARY
Asset # : 13330

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	75%			LIFE	**	5	\$9,900	
	Pre-Cast Concrete	25%	2-4	\$2,200	LIFE	**	5	\$10,800	
Vertical Cracks, Extent : Light, Area Affected : 5%									
Location : Hairline Cracks At Pre-Cast Surfaces Throughout									
Windows									
	Aluminum	100%			2043	**	5	\$1,300	
Parapets									
	Cast in Place Concrete	100%			LIFE	**	5	\$8,600	
Roof									
	Modified Bitumen	100%	Now	\$125,300	2037	**			
Alligating, Extent : Severe, Area Affected : 10%									
Location : Throughout Roof									
Blisters, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Seams Open/Split, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Over First Floor									
Interior									
Floors									
	Carpet	82%			2028	\$120,100	3	\$18,600	
	Ceramic Tile	3%			2030	**	5	\$300	
	Vinyl Tile	15%			2032	**	3	\$600	
Interior Walls									
	Concrete Masonry Unit	75%			LIFE	**	5	\$1,800	
	Glass: Single Pane	5%			LIFE	**	5	\$200	
	Gypsum Board	20%			LIFE	**	5	\$700	
Ceilings									
	AcousTileSusp.Lay-In	85%	0-2	\$7,900	2040	**	5	\$4,800	
Recent Installation, Extent : Light, Area Affected : 100%									
Location : Recent Installation Throughout However Roof Leaks Persist									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Reading Area									
	Gypsum Board	15%			LIFE	**	5	\$2,100	
Site Enclosure									
Fence/Gates									
	Chain link	100%	0-2	\$30,000	2057	**			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%									
Location : Side Entrance									
Retaining Walls									
	Cast in Place Concrete	100%			2047	**			
Site Pavements									
Public Sidewalk									
	Cast in Place Concrete	100%			2040	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
EDENWALD BRANCH LIBRARY
Asset # : 13330

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	

Site Pavements

On-Site Walkways

Cast in Place Concrete 100% 2-4 \$3,300 2040 * *

Broken/Missing Elements, Extent : Moderate, Area Affected : 5%

Location : Ramp Railing At Rear Is Separated From Concrete Curb

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

Under 600 Volts

Service Equipment

Molded Case Bkrs 100% 2037 * * 5 \$200

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

Location : Electrical Room

Explanation : No Available Ratings

Switchgear / Switchboard

Molded Case Bkrs 100% 2037 * * 5 \$200

Raceway

Conduit 100% 2037 * * 1

Panelboards

Molded Case Bkrs 100% 2035 * * 5 \$200

Wiring

Thermoplastic 100% 2037 * * 1

Motor Controllers

Locally Mounted 100% 2025 \$15,300 5 \$100

Ground

Grounding Devices

Generic 100% LIFE * * 5 \$100

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

Location : Boiler Room

Explanation : Connected To Main Water Pipe

Lighting

Interior Lighting

Fluorescent 95% 2032 * * 10 \$6,500

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

Location : Throughout The Building

Explanation : T8 Lamps

Incandescent 5% 2022 \$3,800 2

Egress Lighting

Emergency, Service 25% 2032 * * 1

Exit, Service 75% 2032 * * 1

Exterior Lighting

HID 90% 2027 \$25,800 10

HID 10% 4+ \$2,900 2037 * *

Damaged Fixtures, Extent : Moderate, Area Affected : 100%

Location : Side Facade

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.

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

NEW YORK PUBLIC LIBRARY - 035
EDENWALD BRANCH LIBRARY
Asset # : 13330

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

Alarm

Security System								
Generic	100%			2032	* *	1	\$2,800	
Fire/Smoke Detection								
Generic, Analog	100%			2027	\$78,700	1-3	\$4,600	

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2047	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	\$3,700	
Distribution								
Hot Wtr Piping/Pump	100%			2035	* *	4	\$600	
Terminal Devices								
Air Handler	50%			2027	\$50,000	1	\$2,300	
Convactor/Radiator	45%			2040	* *	1	\$1,100	
Unit Heater - Steam	5%			2032	* *	4	\$100	

Air Conditioning

Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2032	* *	1	\$3,500	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$9,800	
Terminal Devices								
Air Handler/Dir Expansion	100%			2032	* *	1		
Heat Rejection								
Dry Cooler	100%			2027	\$38,700	2	\$5,200	

Ventilation

Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,200	
Exhaust Fans								
Roof	100%			2032	* *	2	\$200	

Plumbing

H/C Water Piping								
Brass/Copper	100%			2047	* *	1		
Water Heater								
Gas Fired	100%			2025	\$4,300	2	\$100	

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

Location : Mechanical Room

Explanation : One 40 Gallon

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
EDENWALD BRANCH LIBRARY
Asset # : 13330

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	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		
	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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : EPIPHANY BRANCH LIBRARY
Address : 228 EAST 23RD ST. NEAR THIRD AVE.
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 : 23-May-2017 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 903 **Lot** : 46 **BIN** : 1019661

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$150,800	\$83,200
Interior Architecture		\$73,200
Electrical		\$161,200
Total	\$150,800	\$317,600
Importance Code A	\$150,800	\$83,200
Importance Code B		\$234,400
Total	\$150,800	\$317,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$91,700		\$3,000	
Interior Architecture	\$112,500		\$1,200	\$8,300
Electrical	\$15,500	\$1,200	\$1,500	\$1,400
Mechanical	\$6,900	\$2,400	\$2,900	\$2,000
Site Pavements	\$2,700			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$233,300	\$7,600	\$12,600	\$15,700
Importance Code A	\$92,500	\$800	\$3,800	\$800
Importance Code B	\$87,100	\$6,800	\$8,800	\$14,900
Importance Code C	\$53,600			
Total	\$233,300	\$7,600	\$12,600	\$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.

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

NEW YORK PUBLIC LIBRARY - 035
EPIPHANY BRANCH LIBRARY
Asset # : 13331

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$29,100	
Glass Block	5%	Now	\$4,700	LIFE	**	5	\$1,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Reading Room								
Masonry: Brick	60%	2-4	\$68,300	LIFE	**	5	\$22,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Entrance								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Masonry: Granite	5%	2-4	\$22,800	LIFE	**	5	\$1,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Window Openings At Base Of Building								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Window Openings At Base Of Building								
Masonry: Limestone	20%	2-4	\$82,500	LIFE	**	5	\$5,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : 1st And 2nd Floor Window Headers And Sills								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Street Facade Throughout								
Masonry: Sandstone	2%			LIFE	**	5	\$1,100	
Metal Panel	3%	Now	\$1,600	2038	**	5	\$2,100	1
Seams Open/Split, Extent : Severe, Area Affected : 25%								
Location : Penthouse Walls								
Windows								
Aluminum	95%			2036	**	5	\$3,600	
Metal Louvers	5%			2031	**	10	\$1,200	
Parapets								
Cast Stone/Terra Cotta	10%	4+	\$4,300	LIFE	**	5	\$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Street Facade								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Street Facade								
Masonry: Brick	85%			LIFE	**	5-10	\$19,400	
Pre-Cast Concrete	5%			LIFE	**	5	\$2,100	

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

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

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

NEW YORK PUBLIC LIBRARY - 035
EPIPHANY BRANCH LIBRARY
Asset # : 13331

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Roof									
	Modified Bitumen	93%	Now	\$16,600	2028	\$83,200			
Blisters, Extent : Moderate, Area Affected : 15%									
Location : Main Roof									
Debris Present, Extent : Moderate, Area Affected : 15%									
Location : Main Roof									
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%									
Location : Lower Roof									
Ponding, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Vegetation Growth, Extent : Moderate, Area Affected : 20%									
Location : Upper And Lower Roofs									
	Skylight, Metal/Glass	2%			2038	* *	10	\$1,000	
	Sloped Glazing	5%	Now	\$9,000	LIFE	* *	5	\$10,100	
Glazing Clouded, Extent : Moderate, Area Affected : 15%									
Location : Entry Canopy									
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Entry Canopy									
Explanation : No Ice Shields									
Interior									
Floors									
	Carpet	60%			2024	\$188,300	3	\$29,100	
	Vinyl Tile	35%	2-4	\$7,300	2028	\$73,200	3	\$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Staff Kitchen And Basement Storage									
	Wood	5%			2043	* *	5	\$2,300	
Interior Walls									
	Glass: Single Pane	5%			LIFE	* *	5	\$3,200	
	Gypsum Board	15%			LIFE	* *	5-10	\$10,800	
	Masonry: Brick	15%	Now	\$25,000	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%									
Location : Foundation Walls Adjacent To East 23rd Street									
Spalling, Extent : Moderate, Area Affected : 15%									
Location : Foundation Walls Adjacent To East 23rd Street									
	Plaster	62%			LIFE	* *	5-10	\$22,300	
	Wood	3%			LIFE	* *	5	\$10,100	

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
EPIPHANY BRANCH LIBRARY
Asset # : 13331

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

Ceilings

AcousTileConcealSpLn 20% 0-2 \$8,000 2041 * * 5 \$3,000

Cracking/Crumbling, Extent : Severe, Area Affected : 20%

Location : Basement And 1st Floor Reading Area

Staining/Discoloring, Extent : Moderate, Area Affected : 20%

Location : Basement And 1st Floor Reading Area

AcousTileSusp.Lay-In 10% 2041 * * 5 \$2,400

Gypsum Board 5% LIFE * * 5-10 \$4,200

Masonry:Vault Struct 5% Now \$9,000 LIFE * *

Water Penetration, Extent : Moderate, Area Affected : 20%

Location : Sidewalk Vault

Plaster 55% LIFE * * 5-10 \$22,900

Wood 5% LIFE * * 5 \$21,200

Site Enclosure

Retaining Walls

Masonry: Brick 100% 2038 * *

Site Pavements

Public Sidewalk

Cast in Place Concrete 100% 0-2 \$2,100 2041 * *

Cracking/Crumbling, Extent : Moderate, Area Affected : 10%

Location : Sidewalk Flags Proximate To Curb At Main Entrance

On-Site Walkways

Cast in Place Concrete 100% 0-2 \$500 2041 * *

Cracking/Crumbling, Extent : Moderate, Area Affected : 15%

Location : Rear Yard

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

Under 600 Volts

Service Equipment

Molded Case Bkrs 100% 2028 \$1,500 5 \$400

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

Location : Basement

Explanation : No Available Nameplate Rating Capacity

Switchgear / Switchboard

Molded Case Bkrs 100% 2028 \$32,700 5 \$400

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

Location : Electrical Room

Explanation : 1- Vertical Section

Raceway

Conduit 100% 2028 \$31,800 1

Panelboards

Fused Disc Sw 10% 2027 \$1,500 5

Molded Case Bkrs 90% 2027 \$13,600 5 \$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.

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

NEW YORK PUBLIC LIBRARY - 035
EPIPHANY BRANCH LIBRARY
Asset # : 13331

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	\$14,100	2053	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Thermoplastic	50%			2028	\$14,100	1		
Motor Controllers								
Variable Frequency Drive	100%			2045	**			
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	
Lighting								
Interior Lighting								
Fluorescent	18%			2028	\$29,600	10	\$2,700	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	2%			2036	**	10	\$300	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical And Boiler Room</i>								
Fluorescent	80%			2028	\$131,600	10	\$11,900	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Battery	50%			2036	**	10	\$2,000	
Exit, Service	50%			2036	**	1		
Exterior Lighting								
HID	5%			2023	\$3,100	10		
Incandescent	5%			2023	\$2,600	2		
No Component	90%							
Alarm								
Security System								
No Component	50%							
Generic	50%			2036	**	1	\$3,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Reading Areas And Hallways</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2036	**	1-3	\$10,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		
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.

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

NEW YORK PUBLIC LIBRARY - 035
EPIPHANY BRANCH LIBRARY
Asset # : 13331

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2048	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2045	* *	1	\$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 New Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2036	* *	4	\$1,200	
Terminal Devices								
Air Handler	50%			2036	* *	1	\$5,000	
Convactor/Radiator	50%			2033	* *	1	\$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2036	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	40%			2032	* *	2	\$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 In Basement, 1 In 3rd Floor Mechanical Room								
Explanation : 2 New Package Units. R-410a								
Exterior Pkg Unit - Cooling	45%			2036	* *	2	\$400	
Other Observation, Extent : Light, Area Affected : 45%								
Location : 2nd Floor Roof								
Explanation : 1 New Package Unit. R-410a								
Split Unit	5%			2036	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Roof								
Explanation : 1 New Unit. R-410a								
Window/Wall Unit	10%			2023	\$3,200	1		
Terminal Devices								
Fan Coil - 2 Pipe	5%			2036	* *	1	\$300	
No Component	95%							
Heat Rejection								
Evaporative Condenser	5%			2036	* *	2	\$600	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$14,300	
Exhaust Fans								
Interior	70%			2036	* *	2	\$400	
Roof	30%			2036	* *	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2038	* *	1		

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

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

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

NEW YORK PUBLIC LIBRARY - 035
EPIPHANY BRANCH LIBRARY
Asset # : 13331

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Gas Fired	100%			2027	\$9,400	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement To 3rd Floor							
		Explanation : One Unit							
Fire Suppression									
	Sprinkler								
	No Component	92%							
	Generic	8%			2028	\$12,100	1-2	\$400	

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

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : FORT WASHINGTON BRANCH LIBRARY
Address : 535 WEST 179TH ST. NEAR AUDUBON 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 : 30-May-2017 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2153 **Lot** : 53 **BIN** : 1063632

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$1,035,900	\$101,900
Interior Architecture	\$606,600	
Electrical	\$47,700	\$138,400
Mechanical	\$198,200	\$65,400
Total	\$1,888,400	\$305,800
Importance Code A	\$1,146,700	\$101,900
Importance Code B	\$526,400	\$203,800
Importance Code C	\$215,300	
Total	\$1,888,400	\$305,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$63,600			
Interior Architecture	\$31,100			\$1,900
Electrical	\$31,400	\$700	\$700	\$900
Mechanical	\$92,100	\$1,500	\$3,300	\$1,500
Site Enclosure	\$1,300			
Site Pavements	\$18,400			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$241,800	\$6,100	\$7,900	\$8,300
Importance Code A	\$84,700	\$700	\$700	\$700
Importance Code B	\$143,000	\$5,400	\$7,100	\$7,600
Importance Code C	\$14,100			
Total	\$241,800	\$6,100	\$7,900	\$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.

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

NEW YORK PUBLIC LIBRARY - 035
FORT WASHINGTON BRANCH LIBRARY
Asset # : 13332

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	57%	Now	\$382,800	LIFE	* *	5	\$31,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 40%								
Location : Chimney								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : North And West Facades								
Spalling, Extent : Severe, Area Affected : 30%								
Location : North And West Facades - 2nd And3rd Stories								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : North And West Facades								
Masonry: Granite	5%	Now	\$100,700	LIFE	* *	5	\$2,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : South Facade								
Masonry: Limestone	25%	Now	\$506,100	LIFE	* *	5	\$10,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : South Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : South Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : South Facade								
Masonry: Sandstone	3%			LIFE	* *	5	\$2,500	
Metal Panel	10%	Now	\$4,000	2028	\$40,000	5	\$10,300	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Penthouse - Custodial Apartment								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Penthouse - Custodial Apartment								
Windows								
Metal Louvers	5%	Now	\$7,600	2043	* *			
Deformed/Dented, Extent : Severe, Area Affected : 50%								
Location : Louvers - All Facades								
Wood	95%	Now	\$18,200	2044	* *	5	\$23,900	
On Extended Life, Extent : Severe, Area Affected : 20%								
Location : Protective Metal Grilles On North (Rear) Façade								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
FORT WASHINGTON BRANCH LIBRARY
Asset # : 13332

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	83%	Now	\$46,200	LIFE	* *	5	\$2,000	1
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Interior Face								
Diagonal Cracks, Extent : Severe, Area Affected : 20%								
Location : Northwest Corner And At Dunage Supports								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Interior Face								
Spalling, Extent : Severe, Area Affected : 25%								
Location : All Parapet Walls								
Masonry: Limestone	5%	0-2	\$1,300	LIFE	* *	5	\$200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : South Facing Parapet Wall - Street Facade								
Masonry: Sandstone	2%	Now	\$400	LIFE	* *	5	\$100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping At First Floor Parapets								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : At First Floor Parapet								
Explanation : This Component Is Actually Bluestone								
Metal: Cage/Fence	5%	4+	\$500	2033	* *	5	\$400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : East Facade								
Stucco Cement	5%	Now	\$600	2033	* *	5	\$200	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Coping At East, West And North Parapet Walls								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Explanation : Stucco Cement Has Been Applied To Existing Masonry Stone Coping								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
FORT WASHINGTON BRANCH LIBRARY
Asset # : 13332

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Roof								
	Asphalt Shingle	15%	Now	\$6,700	2043		* *		
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Modified Bitumen	82%	Now	\$18,600	2028	\$61,900			1
		Drains Clogged, Extent : Severe, Area Affected : 30%							
		Location : Upper Roofs							
		Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 30%							
		Location : Upper Roofs							
		Miss/Damaged Flashings, Extent : Severe, Area Affected : 25%							
		Location : Upper Roofs							
		Water Penetration, Extent : Severe, Area Affected : 15%							
		Location : At Capped Transom Windows Above Stairs							
	Sloped Glazing	3%	2-4	\$4,600	LIFE		* *	5	\$5,100
		Loose/Miss Fasteners, Extent : Moderate, Area Affected : 20%							
		Location : Above Shaftway On Roof							

Interior

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NEW YORK PUBLIC LIBRARY - 035
FORT WASHINGTON BRANCH LIBRARY
Asset # : 13332

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 Floors									
	Carpet	5%	2-4	\$1,500	2024	\$14,700	3	\$1,700	
		Broken/Missing Elements, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Cast in Place Concrete	10%	Now	\$4,800	LIFE	**	5	\$5,000	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
		Location : Stairs							
		Worn/Eroded, Extent : Moderate, Area Affected : 20%							
		Location : Stairs							
	Ceramic Tile	3%	2-4	\$13,400	2043	**	5	\$300	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Cork Tile	15%	Now	\$85,900	2058	**	5	\$1,500	
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : Throughout 2nd Floor							
	Quarry Tile	4%			2033	**	5	\$1,400	
	Vinyl Tile	13%	Now	\$25,400	2038	**	3	\$1,100	
		Broken/Missing Elements, Extent : Severe, Area Affected : 50%							
		Location : Third Floor, Basement							
		Worn/Eroded, Extent : Severe, Area Affected : 50%							
		Location : Third Floor, Basement							
		Other Observation, Extent : Severe, Area Affected : 40%							
		Location : Basement							
		Explanation : 9x9 Tiles							
	Vinyl Tile	35%	2-4	\$68,400	2038	**	3	\$3,000	
		Cracking/Crumbling, Extent : Light, Area Affected : 25%							
		Location : Throughout 1st Floor And Staff Areas							
		Uneven Substrate, Extent : Moderate, Area Affected : 25%							
		Location : Throughout 1st Floor And Staff Areas							
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : Throughout 1st Floor And Staff Areas							
	Wood	15%	Now	\$113,700	2068	**	5	\$3,200	
		Dry Rot/Decay, Extent : Moderate, Area Affected : 25%							
		Location : Third Floor Apartment And Auditorium							
		Split/Cracked, Extent : Severe, Area Affected : 50%							
		Location : Third Floor Apartment And Auditorium							
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : Third Floor Apartment And Auditorium							

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NEW YORK PUBLIC LIBRARY - 035
FORT WASHINGTON BRANCH LIBRARY
Asset # : 13332

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	3%	Now	\$48,000	2043	* *	5	\$900	
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Masonry: Brick	10%	Now	\$45,200	LIFE	* *			
		Water Penetration, Extent : Severe, Area Affected : 15%							
		Location : Foundation Walls At Boiler Room							
	Plaster	20%	Now	\$93,100	LIFE	* *	5	\$3,400	
		Cracking/Crumbling, Extent : Light, Area Affected : 30%							
		Location : Third Floor Apartment, Auditorium, And Stairs							
		Loose/Delam Surface, Extent : Light, Area Affected : 25%							
		Location : Third Floor Apartment, Auditorium, And Stairs							
		Paint Peeling, Extent : Severe, Area Affected : 100%							
		Location : Third Floor Apartment, Auditorium, And Stairs							
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : Third Floor Apartment And Stairs							
	Plaster	62%	Now	\$28,900	LIFE	* *	5	\$10,700	
		Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Paint Peeling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Wood	5%			LIFE	* *	5	\$22,900	
Ceilings									
	Plaster	25%	Now	\$75,400	LIFE	* *	5	\$3,500	
		Cracking/Crumbling, Extent : Severe, Area Affected : 25%							
		Location : Third Floor Apartment And Auditorium							
		Loose/Delam Surface, Extent : Moderate, Area Affected : 25%							
		Location : Third Floor Apartment And Auditorium							
		Water Penetration, Extent : Severe, Area Affected : 25%							
		Location : Third Floor Apartment And Auditorium							
	Plaster	75%	4+	\$22,600	LIFE	* *	5	\$10,600	
		Paint Peeling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Staining/Discoloring, Extent : Moderate, Area Affected : 15%							
		Location : 2nd Floor And 1st Floor Extension							
Site Enclosure									
Fence/Gates									
	Chain link	100%	0-2	\$1,100	2028	\$5,500			
		Corrosion/Rusting, Extent : Moderate, Area Affected : 100%							
		Location : Rear Yard Fence							
Retaining Walls									
	Cast in Place Concrete	100%	2-4	\$200	2048	* *			
		Exposed Reinforcement, Extent : Moderate, Area Affected : 20%							
		Location : Rear Yard							

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NEW YORK PUBLIC LIBRARY - 035
FORT WASHINGTON BRANCH LIBRARY
Asset # : 13332

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

Site Pavements

Public Sidewalk

Cast in Place Concrete	100%	0-2	\$1,300	2041		* *			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Sidewalk Flags Near Curb</i>									

On-Site Walkways

Masonry: Granite	100%	0-2	\$1,600	LIFE		* *			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Main Entry Landing</i>									
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Main Entry Landing</i>									

Activity Yard

Cast in Place Concrete	100%	Now	\$15,500	2048		* *			
<i>Ponding, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Rear Yard</i>									
<i>Sinking/Subsiding, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Rear Yard</i>									
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>									
<i>Location : Rear Yard</i>									
<i>Explanation : Worn / Eroded, Vegetation Growth</i>									

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%	2-4	\$21,100	2058		* *	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : Main Service Switch Rated @ 800 Amperes And On Extended Life</i>									

Switchgear / Switchboard

Molded Case Bkrs	100%			2028	\$32,700	5		\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : 1 Vertical Section</i>									

Raceway

Conduit	100%			2028	\$31,800	1			
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Panelboards

Fused Disc Sw	10%			2027	\$1,500	5			
Molded Case Bkrs	90%			2027	\$13,600	5		\$400	

Wiring

Thermoplastic	95%			2028	\$26,700	1			
Thermoplastic	5%			2048		* *	1		

Ground

Grounding Devices

Generic	100%			LIFE		* *	5	\$400	
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Lighting

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NEW YORK PUBLIC LIBRARY - 035
FORT WASHINGTON BRANCH LIBRARY
Asset # : 13332

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

Lighting

Interior Lighting

Fluorescent

10%

2033

* *

10

\$1,400

*T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%**Location : Offices*

Fluorescent

70%

2023

\$107,600

10

\$9,700

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Reading Areas**Explanation : T-12 Lamps*

Fluorescent

20%

2028

\$30,700

10

\$2,800

*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%**Location : 2nd Floor Reading Areas*

Egress Lighting

Emergency, Battery

50%

2028

\$10,400

10

\$1,800

Exit, Service

50%

2028

\$1,100

1

Exterior Lighting

HID

20%

2023

\$11,600

10

No Component

80%

Alarm

Security System

No Component

30%

Generic

70%

2033

* *

1

\$4,000

*Other Observation, Extent : Light, Area Affected : 100%**Location : Reading Areas**Explanation : CCTV Surveillance Camera System*

Fire/Smoke Detection

No Component

70%

Generic, Analog

30%

0-2

\$47,700

2038

* *

1-3

\$2,600

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Hallways And Stair Case Landings**Explanation : Obsolete Fire Alarm System*

Mechanical		Current Repair			Future Replacement		Maintenance		
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%

2038

* *

1

Conversion Equipment

Hot Water Boiler

100%

0-2

\$110,900

2048

* *

1

\$6,700

*Obsolete Equipment, Extent : Severe, Area Affected : 100%**Location : Basement*

Distribution

Hot Wtr Piping/Pump

100%

Now

\$1,100

2027

\$22,400

4

\$700

*Corroded, Extent : Moderate, Area Affected : 5%**Location : Basement*

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NEW YORK PUBLIC LIBRARY - 035
FORT WASHINGTON BRANCH LIBRARY
Asset # : 13332

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Air Handler	10%	Now	\$20,200	2038	* *	1	\$800	
		Leak Evident, Extent : Moderate, Area Affected : 3%							
		Location : Basement Communication Room							
		Obsolete Equipment, Extent : Severe, Area Affected : 10%							
		Location : Basement							
	Convector/Radiator	85%			2026	\$65,400	1	\$4,200	
	Unit Heater - Hot Water	5%			2023	\$2,700			
Air Conditioning									
	Energy Source								
	Electricity	100%			2036	* *	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	15%	Now	\$18,300	2038	* *	1	\$900	
		Corroded, Extent : Moderate, Area Affected : 30%							
		Location : Roof							
		R-22 Refrigerant, Extent : Severe, Area Affected : 15%							
		Location : 1 Obsolete Unit, Roof							
	Exterior Pkg Unit - Cooling	75%	Now	\$87,400	2038	* *	2	\$600	
		Corroded, Extent : Moderate, Area Affected : 30%							
		Location : Roof							
		R-22 Refrigerant, Extent : Severe, Area Affected : 100%							
		Location : 2 Obsolete Units, Roof							
	No Component	10%							
	Terminal Devices								
	Air Handler/Cool/Ht	15%	Now	\$21,800	2038	* *	1	\$1,300	
		Obsolete Equipment, Extent : Severe, Area Affected : 15%							
		Location : Basement							
	No Component	85%							
	Heat Rejection								
	Air Cooled Condenser Unit	15%	Now	\$3,900	2038	* *	2	\$1,300	
		Corroded, Extent : Severe, Area Affected : 15%							
		Location : 1 Obsolete Unit, Roof							
	No Component	85%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,400	
	Exhaust Fans								
	Interior	15%			2023	\$7,700	2	\$100	
	Roof	85%			2023	\$20,300	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	70%			2038	* *	1		
	Galvanized Steel	30%			2026	\$18,900	1		

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NEW YORK PUBLIC LIBRARY - 035
FORT WASHINGTON BRANCH LIBRARY
Asset # : 13332

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Gas Fired	100%	Now	\$8,800	2028	\$8,800	2	\$200	
		On Extended Life, Extent : Severe, Area Affected : 100%							
		Location : Basement							
Sanitary Piping									
	Cast Iron	100%	0-2	\$10,500	LIFE	* *	1		
		Corroded, Extent : Moderate, Area Affected : 30%							
		Location : Basement							
Storm Drain Piping									
	Cast Iron	100%	Now	\$1,500	LIFE	* *	1		
		Leak Evident, Extent : Moderate, Area Affected : 10%							
		Location : Drain In The Basement							
Sump Pump(s)									
	Submersible	100%	Now	\$500	2023	\$500	4	\$300	
		Obsolete Equipment, Extent : Severe, Area Affected : 100%							
		Location : Basement							
Fixtures									
	Generic	100%							
		Obsolete Fixtures, Extent : Severe, Area Affected : 100%							
		Location : Throughout							

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Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 08-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3211 **Lot** : 5 **BIN** : 2014579

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$67,500
Electrical	\$65,500	
Mechanical	\$183,100	\$52,000
Total	\$248,700	\$119,500
Importance Code A		\$67,500
Importance Code B	\$248,700	\$52,000
Total	\$248,700	\$119,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$56,000			
Interior Architecture	\$30,100	\$7,000		\$16,400
Electrical	\$5,700	\$200	\$200	\$24,900
Mechanical	\$5,900	\$1,800	\$3,400	\$1,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$101,700	\$12,900	\$7,500	\$47,000
Importance Code A	\$56,900	\$800	\$800	\$900
Importance Code B	\$30,000	\$11,500	\$6,700	\$46,200
Importance Code C	\$14,800	\$600		
Total	\$101,700	\$12,900	\$7,500	\$47,000



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NEW YORK PUBLIC LIBRARY - 035
FRANCIS MARTIN BRANCH LIBRARY
Asset # : 13333

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	4+	\$2,000	LIFE	**	5	\$8,600	
	Staining/Discoloring, Extent : Moderate, Area Affected : 15%							
	Location : Rear Facade							
Masonry: Brick	90%			LIFE	**	5	\$30,800	
Masonry: Granite	5%	0-2	\$10,300	LIFE	**	5	\$1,300	
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Vertical Cracks, Extent : Light, Area Affected : 10%							
	Location : Main Entry							
Windows								
Aluminum	90%			2049	**	5	\$6,600	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Protective Metal Grilles							
Glass Block	10%			LIFE	**	5	\$500	
Parapets								
Masonry: Brick	80%	0-2	\$24,800	LIFE	**	5	\$2,100	
	Horizontal Cracks, Extent : Moderate, Area Affected : 15%							
	Location : East Facade							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
	Spalling, Extent : Light, Area Affected : 15%							
	Location : Interior Parapet Face							
Metal: Cage/Fence	10%	2-4	\$300	2032	**	5	\$900	
	Corrosion/Rusting, Extent : Moderate, Area Affected : 15%							
	Location : Throughout							
Pre-Cast Concrete	10%	0-2	\$1,900	LIFE	**	5	\$1,700	
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%							
	Location : Throughout							
	Vegetation Growth, Extent : Moderate, Area Affected : 50%							
	Location : Coping Stones							
	Worn/Eroded, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
Roof								
Roll Roofing	100%	Now	\$13,500	2026	\$67,500	5	\$13,500	
	Blisters, Extent : Moderate, Area Affected : 30%							
	Location : Various Locations							
	Drains Clogged, Extent : Moderate, Area Affected : 15%							
	Location : Roof Drains							
	Patching Evident, Extent : Light, Area Affected : 15%							
	Location : Throughout							
	Seams Open/Split, Extent : Moderate, Area Affected : 20%							
	Location : Various Locations At Roof Penetrations							

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NEW YORK PUBLIC LIBRARY - 035
FRANCIS MARTIN BRANCH LIBRARY
Asset # : 13333

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									
Floors									
	Carpet	3%			2026	\$9,900	3	\$1,200	
	Cast in Place Concrete	5%			LIFE	**	5	\$2,800	
	Ceramic Tile	5%			2040	**	5	\$1,300	
	Terrazzo	5%			LIFE	**	5	\$1,000	
	Vinyl Tile	60%	4+	\$13,300	2032	**	3	\$5,800	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
	Location : 1st Floor								
	Uneven Substrate, Extent : Moderate, Area Affected : 15%								
	Location : 1st Floor								
	Worn/Eroded, Extent : Light, Area Affected : 15%								
	Location : 2nd Floor								
	Vinyl Tile	17%			2035	**	3	\$1,600	
	Vinyl Tile 9" X 9"	5%			2022	\$14,300	3	\$600	
Interior Walls									
	Ceramic Tile	5%			2040	**	5	\$1,200	
	Concrete Masonry Unit	10%			LIFE	**	5	\$900	
	Glazed Ceramic Panel	2%	Now	\$14,800	LIFE	**			
	Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
	Location : At Sink And Under Window In Basement Storage Room								
	Water Penetration, Extent : Moderate, Area Affected : 15%								
	Location : At Sink In Basement Storage Room								
	Gypsum Board	68%			LIFE	**	5	\$9,500	
	Plaster	15%			LIFE	**	5	\$1,000	
Ceilings									
	AcousTileConcealSpLn	30%			2040	**	5	\$9,600	
	Exposed Concrete	20%			LIFE	**	5	\$800	
	Gypsum Board	35%	Now	\$1,800	LIFE	**	5	\$11,200	
	Water Penetration, Extent : Severe, Area Affected : 2%								
	Location : 2nd Floor Window								
	Plaster	15%			LIFE	**	5	\$2,400	

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2027	\$1,500	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 400 Amperes And One 200 Amperes Main Disconnect Switch							
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2027	\$32,700	5	\$500	
Raceway									
	Conduit	70%			2047	* *	1		
	Conduit	30%			2027	\$9,500	1		

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NEW YORK PUBLIC LIBRARY - 035
FRANCIS MARTIN BRANCH LIBRARY
Asset # : 13333

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Fused Disc Sw	5%			2026	\$800	5		
	Molded Case Bkrs	60%			2043	* *	5	\$300	
	Molded Case Bkrs	35%			2026	\$5,300	5	\$200	
Wiring									
	Braided Cloth	20%	2-4	\$5,600	2052	* *	1		
	Insulation Aged, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Thermoplastic	40%			2047	* *	1		
	Thermoplastic	40%			2027	\$11,200	1		
Motor Controllers									
	Locally Mounted	100%			2025	\$30,600	5	\$100	
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$300	
Lighting									
Interior Lighting									
	Fluorescent	5%			2032	* *	10	\$800	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : Compact Fluorescent								
	Fluorescent	55%			2032	* *	10	\$8,600	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : T-8 Lamps								
	Fluorescent	40%			2035	* *	10	\$6,300	
	T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
Egress Lighting									
	Emergency, Battery	50%			2022	\$11,700	10	\$2,100	
	Exit, Service	50%			2022	\$1,200	1		
Exterior Lighting									
	HID	100%			2022	\$65,500	10	\$100	
Alarm									
Security System									
	No Component	80%							
	Generic	20%			2032	* *	1	\$1,300	

Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2047	* *	1		

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

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

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

NEW YORK PUBLIC LIBRARY - 035
FRANCIS MARTIN BRANCH LIBRARY
Asset # : 13333

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Hot Water Boiler	100%			2040	**	1	\$8,500	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Boiler Room					
				Explanation : 1 Unit					
	Distribution								
	Hot Wtr Piping/Pump	100%			2043	**	4	\$1,300	
	Terminal Devices								
	Air Handler	10%			2027	\$22,900	1	\$1,100	
	Convactor/Radiator	90%	Now	\$3,900	2040	**	1	\$4,500	
				Not in Service, Extent : Severe, Area Affected : 10%					
				Location : Staff Lounge And Librarian Office					
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Reciprocating	10%			2027	\$13,800	1	\$800	
	Compr/Chiller								
	Ext Pkg Unit -	90%			2022	\$183,100	2	\$900	
	Heating/Cooling			R-22 Refrigerant, Extent : Moderate, Area Affected : 100%					
				Location : Roof					
	Terminal Devices								
	Air Handler/Cool/Ht	10%			2027	\$18,200	1	\$1,100	
	No Component	90%							
	Heat Rejection								
	Dry Cooler	10%			2027	\$8,800	2	\$1,200	
	No Component	90%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,600	
	Exhaust Fans								
	Interior	90%			2027	\$52,000	2	\$500	
	Roof	10%			2027	\$2,700	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	30%			2047	**	1		
	Galvanized Steel	70%			2040	**	1		
	Water Heater								
	Gas Fired	100%			2027	\$9,900	2	\$300	
				Recent Installation, Extent : Light, Area Affected : 100%					
				Location : Mechanical Room					
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		

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

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

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

NEW YORK PUBLIC LIBRARY - 035
FRANCIS MARTIN BRANCH LIBRARY
Asset # : 13333

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing	Fixtures								
	Generic	100%							
		Other Observation, Extent : Light, Area Affected : 25%							
		Location : 2nd Floor							
		Explanation : Rest Rooms Are Under Construction In Children Area							
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.
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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.*

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : GEORGE BRUCE BRANCH LIBRARY
Address : 518 WEST 125TH ST. NEAR AMSTERDAM 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 : 17-May-2017 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1980 **Lot** : 22 **BIN** : 1059688

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$149,800	\$81,700
Interior Architecture	\$48,400	\$149,600
Electrical		\$19,600
Mechanical	\$62,300	\$171,200
Total	\$260,400	\$422,100
Importance Code A	\$149,800	\$81,700
Importance Code B	\$110,700	\$340,400
Total	\$260,400	\$422,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$60,300		\$3,200	
Interior Architecture	\$78,500		\$2,000	\$3,100
Electrical	\$11,800	\$500	\$700	\$500
Mechanical	\$46,400	\$1,900	\$4,200	\$1,900
Site Enclosure	\$1,600			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$202,500	\$6,300	\$14,100	\$9,500
Importance Code A	\$61,200	\$900	\$4,100	\$900
Importance Code B	\$117,300	\$5,500	\$10,000	\$8,100
Importance Code C	\$24,000			\$500
Total	\$202,500	\$6,300	\$14,100	\$9,500



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 - 035
GEORGE BRUCE BRANCH LIBRARY
Asset # : 13334

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	60%			LIFE	**	5	\$15,500	
	Masonry: Brick	10%			LIFE	**	5	\$2,600	
	Masonry: Limestone	7%	0-2	\$12,100	LIFE	**	5	\$700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%									
Location : Decorative Banding And Archway - North / South Facades									
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : Decorative Banding And Archway - North / South Facades									
	Masonry: Marble	12%	Now	\$41,200	LIFE	**	5	\$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : South Facade - Base Of Building									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
Location : North And South Facades									
Staining/Discoloring, Extent : Moderate, Area Affected : 25%									
Location : North Facade									
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : North Facade									
	Pre-Cast Concrete	3%	Now	\$700	LIFE	**	5	\$1,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%									
Location : Base Of Building At Elevator Vestibule - North Facade									
	Slate Panels	3%			LIFE	**	5	\$600	
	Stucco Cement	5%	Now	\$400	2033	**	5	\$800	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 5%									
Location : East Facade									
Windows									
	Metal Louvers	5%			2031	**	10	\$600	
	Wood	20%	Now	\$17,100	2053	**	5	\$2,100	1
Dry Rot/Decay, Extent : Severe, Area Affected : 50%									
Location : Old Apartment - Penthouse									
Misaligned/Bulging, Extent : Moderate, Area Affected : 50%									
Location : Old Apartment - Penthouse									
Split/Cracked, Extent : Severe, Area Affected : 50%									
Location : Old Apartment - Penthouse									
	Wood	25%			2036	**	5	\$5,100	
	Wood	50%	Now	\$42,700	2053	**	5	\$5,100	
Air Infiltration, Extent : Moderate, Area Affected : 50%									
Location : First And Second Floors									
Hardware Missing, Extent : Moderate, Area Affected : 30%									
Location : First And Second Floors									
Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
Location : First And Second Floors									
Unit Inoperable, Extent : Moderate, Area Affected : 20%									
Location : First And Second Floors									

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

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

NEW YORK PUBLIC LIBRARY - 035
GEORGE BRUCE BRANCH LIBRARY
Asset # : 13334

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	**	5-10	\$2,200	
Masonry: Brick	60%			LIFE	**	5-10	\$6,400	
Masonry: Limestone	10%			LIFE	**	5-10	\$1,900	
Masonry: Marble	5%	Now	\$1,700	LIFE	**	5	\$100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Stepped Coping								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stepped Coping								
No Component	20%							
Roof								
Modified Bitumen	85%	Now	\$24,500	2028	\$81,700			
Drains Clogged, Extent : Severe, Area Affected : 15%								
Location : Western Wall - Main Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : West Wall								
Ponding, Extent : Severe, Area Affected : 15%								
Location : Western Wall - Main Roof								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Elevator Vestibule - First Floor, Main Stair First / Second Floors, Staff Lounge (2 Floor)								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Eastern First Floor Bump Out For Elevator Access								
Skylight, Metal/Glass	10%	Now	\$48,700	2038	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Over Main Stairs And Old Apartment								
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Over Main Stairs And Old Apartment								
Slate	5%	Now	\$2,800	LIFE	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : At Third Floor Dormers - Old Apartment								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : At Third Floor Dormers - Old Apartment								
Interior								
Floors								
Carpet	10%			2027	\$37,400	3	\$4,000	
Cast in Place Concrete	10%			LIFE	**	5	\$11,600	
Ceramic Tile	5%			2037	**	5	\$1,300	
Vinyl Tile	60%			2028	\$149,600	3	\$8,000	
Wood	10%			2043	**	5	\$5,000	
Wood	5%	Now	\$48,400	2068	**	5	\$1,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Third Floor - Old Apartment								
Split/Cracked, Extent : Severe, Area Affected : 50%								
Location : Old Apartment								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
GEORGE BRUCE BRANCH LIBRARY
Asset # : 13334

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%			2037	**	5	\$900	
Gypsum Board	20%			LIFE	**	5-10	\$6,200	
Plaster	65%			LIFE	**	5-10	\$10,100	
Plaster	5%	Now	\$8,100	LIFE	**	5	\$300	

Cracking/Crumbling, Extent : Severe, Area Affected : 50%

Location : Old Apartment

Loose/Delam Surface, Extent : Severe, Area Affected : 50%

Location : Old Apartment

Wood	5%			LIFE	**	5	\$7,300	
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Ceilings

AcousTileSusp.Lay-In	5%			2041	**	5	\$1,300	
Gypsum Board	10%			LIFE	**	5-10	\$9,100	
Plaster	70%			LIFE	**	5-10	\$31,900	
Plaster	5%	Now	\$19,200	LIFE	**	5	\$800	

Broken/Missing Elements, Extent : Severe, Area Affected : 50%

Location : Old Apartment

Loose/Delam Surface, Extent : Severe, Area Affected : 50%

Location : Old Apartment

Water Penetration, Extent : Moderate, Area Affected : 25%

Location : Old Apartment

Plaster	10%			LIFE	**	5-10	\$4,600	
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Site Enclosure

Fence/Gates

Iron Picket	100%	Now	\$1,600	2048	**			
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Broken/Missing Elements, Extent : Severe, Area Affected : 10%

Location : Basement Stair Enclosure - South Facade

Corrosion/Rusting, Extent : Moderate, Area Affected : 25%

Location : Basement Stair Enclosure - South Facade

Site Pavements

Public Sidewalk

Cast in Place Concrete	100%			2041	**			
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Other Observation, Extent : Light, Area Affected : 100%

Location : East, West And South Facades

Explanation : Perimeter Walkways Are Responsibility Of Housing Complex

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

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2038	**	5	\$500	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Main Service Disconnect Switch Rated @ 800 Amperes

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

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NEW YORK PUBLIC LIBRARY - 035
GEORGE BRUCE BRANCH LIBRARY
Asset # : 13334

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2038	**	5	\$500	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Electrical Room						
			Explanation : 2- Vertical Sections						
	Raceway								
	Conduit	100%			2038	**	1		
	Panelboards								
	Fused Disc Sw	10%			2036	**	5		
	Molded Case Bkrs	90%			2036	**	5	\$400	
	Wiring								
	Thermoplastic	100%			2038	**	1		
	Motor Controllers								
	Locally Mounted	50%			2026	\$16,700	5	\$100	
	Locally Mounted	50%			2033	**	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%	Now	\$10,500	LIFE	**	5	\$300	
			Other Observation, Extent : Severe, Area Affected : 100%						
			Location : Water Meter Room						
			Explanation : Unconnected Ckt Ground						
Lighting									
	Interior Lighting								
	Fluorescent	5%			2023	\$9,800	10	\$800	
			T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%						
			Location : Basement						
	Fluorescent	90%			2033	**	10	\$14,600	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Throughout The Building						
			Explanation : Compact Fluorescent Light Fixtures						
	Fluorescent	5%			2028	\$9,800	10	\$800	
			T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%						
			Location : Staff Room						
	Egress Lighting								
	Emergency, Battery	50%			2028	\$13,200	10	\$2,100	
	Exit, LED	40%			2043	**	1		
	Exit, Service	10%			2028	\$300	1		
	Exterior Lighting								
	Incandescent	10%			2023	\$6,300	2		
	No Component	90%							
Alarm									
	Security System								
	No Component	30%							
	Generic	70%			2036	**	1	\$4,600	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Reading Areas, Hallways						
			Explanation : CCTV Surveillance Cameras						

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

NEW YORK PUBLIC LIBRARY - 035
GEORGE BRUCE BRANCH LIBRARY
Asset # : 13334

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2038	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2041	* *	1	\$8,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$2,900	2027	\$28,600	4	\$900	
Corroded, Extent : Severe, Area Affected : 15%								
Location : Control Valves And Circulating Pumps, Piping, Boiler Room								
On Extended Life, Extent : Severe, Area Affected : 10%								
Location : Control Valves And Circulating Pumps, Replacement Needed, Boiler Room								
Terminal Devices								
Convactor/Radiator	100%	Now	\$19,600	2033	* *	1	\$5,100	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2036	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%	Now	\$62,300	2038	* *	1	\$3,000	
Not Energy Efficient, Extent : Severe, Area Affected : 30%								
Location : Replacement Needed. Basement								
On Extended Life, Extent : Moderate, Area Affected : 40%								
Location : Basement								
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Roof								
Exterior Pkg Unit - Cooling	60%			2028	\$89,200	2	\$700	
R-22 Refrigerant, Extent : Light, Area Affected : 60%								
Location : Roof								
Distribution								
CW & CHW Wtr Pipe/Pump	40%	Now	\$400	2028	\$9,000	4	\$400	
Insul. Deteriorating, Extent : Severe, Area Affected : 30%								
Location : Roof								
No Component	60%							
Terminal Devices								
Air Handler/Dir Expansion	40%			2023	\$82,100	1		
No Component	60%							

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

NEW YORK PUBLIC LIBRARY - 035
GEORGE BRUCE BRANCH LIBRARY
Asset # : 13334

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
Heat Rejection									
	Air Cooled Condenser Unit	40%	Now	\$14,800	2038	* *	2	\$3,900	
Other Observation, Extent : Moderate, Area Affected : 40%									
Location : Roof									
Explanation : On Extended Life									
	No Component	60%							
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$15,600	
Exhaust Fans									
	Interior	20%			2023	\$13,100	2	\$100	
	Roof	20%			2028	\$6,100	2	\$100	
	No Component	60%							
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2038	* *	1		
Water Heater									
	Gas Fired	100%			2023	\$11,200	2	\$300	
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%	Now	\$1,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%									
Location : Roof									
Fixtures									
	Generic	100%							
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement, Ground Floor, 1 Floor, 1 Mez, 2 Floor, 2 Mez.									
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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : GRAND CONCOURSE BRANCH LIBRARY
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 : 08-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2824 **Lot** : 34 **BIN** : 2007870

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$115,700	\$99,000
Interior Architecture	\$46,800	
Electrical	\$56,800	
Mechanical		\$143,500
Total	\$219,300	\$242,400
Importance Code A	\$115,700	\$99,000
Importance Code B	\$103,600	\$143,500
Total	\$219,300	\$242,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$42,000			
Interior Architecture	\$36,700	\$7,300		\$500
Electrical	\$6,000	\$400	\$400	\$20,200
Mechanical	\$2,000	\$1,300	\$3,800	\$1,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$90,700	\$13,000	\$8,200	\$26,000
Importance Code A	\$43,000	\$900	\$900	\$1,100
Importance Code B	\$47,800	\$12,000	\$7,200	\$24,900
Importance Code C				
Total	\$90,700	\$13,000	\$8,200	\$26,000



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 years is not included in this report.

NEW YORK PUBLIC LIBRARY - 035
GRAND CONCOURSE BRANCH LIBRARY
Asset # : 13335

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast Stone/Terra Cotta	1%			LIFE	**	5	\$1,800	
	Masonry: Brick	99%	Now	\$69,900	LIFE	**	5	\$22,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%									
Location : Above Entrance									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%									
Location : N. W. Corner And Over Main Entrance									
Windows									
	Aluminum	100%	Now	\$11,600	2043	**	5	\$2,400	
Hardware Missing, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Protective Metal Grilles									
Parapets									
	Masonry: Brick	90%	Now	\$45,800	LIFE	**	5	\$3,900	
Efflorescence, Extent : Light, Area Affected : 15%									
Location : Throughout									
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%									
Location : Throughout									
Spalling, Extent : Light, Area Affected : 20%									
Location : Throughout									
Vegetation Growth, Extent : Severe, Area Affected : 15%									
Location : 173rd Street Facade									
	Pre-Cast Concrete	10%	4+	\$800	LIFE	**	5	\$2,700	
Vegetation Growth, Extent : Moderate, Area Affected : 20%									
Location : Coping Stones									
Roof									
	Modified Bitumen	100%	Now	\$29,700	2027	\$99,000			
Alligatoring, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Blisters, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Drains Clogged, Extent : Severe, Area Affected : 15%									
Location : Throughout									
Ponding, Extent : Severe, Area Affected : 15%									
Location : At Roof Drains									
Seams Open/Split, Extent : Moderate, Area Affected : 25%									
Location : At Roof Penetrations									
Water Penetration, Extent : Moderate, Area Affected : 5%									
Location : Third Floor									

Interior

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

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

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

NEW YORK PUBLIC LIBRARY - 035
GRAND CONCOURSE BRANCH LIBRARY
Asset # : 13335

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

Floors

Carpet	45%			2026	\$162,600	3		\$18,900	
Terrazzo	10%			LIFE	* *	5		\$2,200	
Vinyl Tile	30%			2032	* *	3		\$3,100	
Vinyl Tile 9" X 9"	15%	Now		2022	\$46,800	3		\$1,600	

Broken/Missing Elements, Extent : Severe, Area Affected : 15%

Location : Basement

Interior Walls

Plaster	100%			LIFE	* *	5		\$11,400	
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Ceilings

AcousTileSusp.Lay-In	70%	0-2	\$32,100	2040	* *	5		\$9,800	
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Staining/Discoloring, Extent : Moderate, Area Affected : 30%

Location : Third Floor

Water Penetration, Extent : Severe, Area Affected : 5%

Location : At Stair Landing Opposite Main Desk

Plaster	30%			LIFE	* *	5		\$5,200	
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Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Under 600 Volts

Service Equipment

Fused Disc Sw	50%			2027	\$800	5			
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 400 Amperes Main Disconnect Switch

Molded Case Bkrs	50%			2027	\$800	5		\$200	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 350 Amperes Main Disconnect Switch

Switchgear / Switchboard

Molded Case Bkrs	100%			2027	\$32,700	5		\$500	
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Raceway

Conduit	70%			2027	\$22,200	1			
Conduit	30%			2047	* *	1			

Panelboards

Fused Disc Sw	5%			2026	\$800	5			
Molded Case Bkrs	20%			2026	\$3,000	5		\$100	
Molded Case Bkrs	75%			2043	* *	5		\$400	

Wiring

Braided Cloth	20%	2-4	\$5,600	2052	* *	1			
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Insulation Aged, Extent : Light, Area Affected : 100%

Location : Basement

Thermoplastic	60%			2027	\$16,900	1			
Thermoplastic	20%			2047	* *	1			

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

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

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

NEW YORK PUBLIC LIBRARY - 035
GRAND CONCOURSE BRANCH LIBRARY
Asset # : 13335

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Motor Controllers								
	Locally Mounted	100%			2025	\$30,600	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$300	
Lighting									
	Interior Lighting								
	Fluorescent	5%			2032	* *	10	\$900	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Fluorescent	30%			2022	\$56,800	10	\$5,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : T-12 Lamps							
	Fluorescent	65%			2032	* *	10	\$11,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8 Lamps							
	Egress Lighting								
	Emergency, Battery	50%			2032	* *	10	\$2,300	
	Exit, LED	30%			2055	* *	1		
	Exit, Service	20%			2032	* *	1		
	Exterior Lighting								
	HID	100%			2032	* *	10	\$100	
Alarm									
	Security System								
	No Component	80%							
	Generic	20%			2037	* *	1	\$1,400	
	Fire/Smoke Detection								
	No Component	80%							
	Generic, Digital	20%			2037	* *	1-3	\$2,400	

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	60%			2037	* *	1		
	Interruptible Gas/Dual Fuel	40%			2047	* *	1		

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

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

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

NEW YORK PUBLIC LIBRARY - 035
GRAND CONCOURSE BRANCH LIBRARY
Asset # : 13335

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	60%			2027	\$25,000	1	\$5,500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Roof							
		Explanation : 1 Unit							
	Hot Water Boiler	40%			2032	**	1	\$3,700	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 1 Unit							
Distribution									
	Ductwork/Diffusers	60%			LIFE	**	2-5	\$6,200	
	Hot Wtr Piping/Pump	40%			2043	**	4	\$600	
Terminal Devices									
	Convactor/Radiator	40%			2040	**	1	\$2,400	
	No Component	60%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Exterior Pkg Unit - Cooling	100%			2027	\$143,500	2	\$1,100	
		R-22 Refrigerant, Extent : Moderate, Area Affected : 100%							
		Location : Roof							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Roof							
		Explanation : Under Construction							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$10,400	
	Exhaust Fans								
	Interior	80%			2032	**	2	\$500	
	Roof	20%			2027	\$5,900	2	\$100	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2032	**	1		
	Water Heater								
	Electric	100%			2025	\$15,600	4	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sewage Ejector(s)								
	Electric	100%			2035	**	4	\$1,100	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

NEW YORK PUBLIC LIBRARY - 035
GRAND CONCOURSE BRANCH LIBRARY
Asset # : 13335

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Backflow Preventer								
	No Component	90%							
	Generic	10%			2032	* *	1	\$100	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Boiler Room							
		Explanation : Boiler Only							
Fixtures									
	Generic	100%							
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.

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : GREAT KILLS BRANCH LIBRARY
Address : 56 GIFFORDS LANE @MARGARET ST.
Borough : STATEN ISLAND **Agency's Number** : G03
Program / Asset # : NPL0G03.000 / 13336 **Yr Built/Renovated** : 1954 / 2005
Area Sq Ft : 4,987 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 12-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 5436 **Lot** : 19 **BIN** : 5070285

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$78,800	
Mechanical		\$35,400
Total	\$78,800	\$35,400
Importance Code A	\$78,800	
Importance Code B		\$35,400
Total	\$78,800	\$35,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$3,300			\$5,300
Interior Architecture	\$200	\$1,100	\$500	
Electrical	\$500	\$600	\$500	\$5,700
Mechanical	\$800	\$600	\$2,900	\$600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$8,700	\$6,200	\$7,800	\$15,600
Importance Code A	\$3,500	\$200	\$200	\$5,600
Importance Code B	\$4,900	\$6,000	\$7,200	\$10,000
Importance Code C	\$200		\$300	
Total	\$8,700	\$6,200	\$7,800	\$15,600



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 - 035
GREAT KILLS BRANCH LIBRARY
Asset # : 13336

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	80%			LIFE	**	5	\$14,000	
	Masonry: Granite	5%			LIFE	**	5	\$700	
	Masonry: Limestone	5%			LIFE	**	5	\$700	
	Metal/Glass Curt Wall	10%			LIFE	**	5	\$3,300	
Windows									
	Aluminum	100%	Now	\$78,800	2052	**	5	\$900	
	Air Infiltration, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Weather Strip Missing, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Thermally Inefficient								
Parapets									
	Masonry: Brick	90%			LIFE	**	5	\$1,500	
	Masonry: Limestone	10%			LIFE	**	5	\$200	
Roof									
	Modified Bitumen	98%			2032	**	10	\$5,300	
	Skylight, Metal/Glass	2%	Now	\$3,300	2037	**			
	Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
	Location : Over Second Floor								
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
	Location : Over Second Floor								
Interior									
Floors									
	Cast in Place Concrete	5%			LIFE	**	5	\$900	
	Ceramic Tile	5%			2036	**	5	\$400	
	Marble Panels	3%			LIFE	**	5	\$200	
	Vinyl Tile	87%			2032	**	3	\$2,700	
Interior Walls									
	Ceramic Tile	5%			2036	**	5	\$700	
	Gypsum Board	80%			LIFE	**	5	\$6,500	
	Marble Panels	5%			LIFE	**			
	Plaster	10%	Now	\$200	LIFE	**	5	\$400	
	Water Penetration, Extent : Moderate, Area Affected : 5%								
	Location : Basement Stair								
Ceilings									
	AcousTileSusp.Lay-In	5%			2040	**	5	\$400	
	Gypsum Board	95%			LIFE	**	5	\$9,700	
Site Enclosure									
Fence/Gates									
	Chain link	85%			2037	**			
	Iron Picket	15%			2047	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
GREAT KILLS BRANCH LIBRARY
Asset # : 13336

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

Site Pavements

Public Sidewalk

Cast in Place Concrete	100%			2032	* *			
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Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2047	* *	5		
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Suspect Water Damage, Extent : Moderate, Area Affected : 100%

Location : Electrical Meter In Basement

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

Location : Electrical Room

Explanation : 400 Amperes Service

Transformers

Dry Type	100%			2044	* *	5		
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Raceway

Conduit	100%			2047	* *	1		
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Panelboards

Molded Case Bkrs	100%			2043	* *	5	\$100	
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Wiring

Thermoplastic	100%			2047	* *	1		
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Motor Controllers

Locally Mounted	100%			2040	* *	5		
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Ground

Grounding Devices

Generic	100%			LIFE	* *	5	\$100	
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Lighting

Interior Lighting

Fluorescent	95%			2032	* *	10	\$4,300	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Throughout The Building

Explanation : T8 Lamps

Fluorescent	5%			2032	* *	10	\$200	
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Compact Fluorescent Light, Extent : Light, Area Affected : 100%

Location : First Floor

Egress Lighting

Emergency, Battery	50%			2032	* *	10	\$600	
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Exit, LED	50%			2055	* *	1		
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Alarm

Security System

Generic	100%			2032	* *	1	\$1,900	
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Fire/Smoke Detection

Generic, Digital	100%			2032	* *	1-3	\$3,100	
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*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
GREAT KILLS BRANCH LIBRARY
Asset # : 13336

Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2047	**	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2040	**	1	\$2,500	
	Distribution								
	Hot Wtr Piping/Pump	100%			2043	**	4	\$400	
	Terminal Devices								
	Air Handler	70%			2032	**	1	\$2,200	
	Convactor/Radiator	30%			2040	**	1	\$500	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Interior Pkg Unit - Cooling	20%			2025	\$35,400	2	\$100	
	Exterior Pkg Unit - Cooling	80%			2032	**	2	\$200	
		Other Observation, Extent : Moderate, Area Affected : 30% Location : Roof Explanation : Duct Insulation Damaged							
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2	\$6,500	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$2,800	
	Exhaust Fans								
	Interior	20%			2027	\$3,400	2		
	Roof	80%			2032	**	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2047	**	1		
	Water Heater								
	Gas Fired	100%			2025	\$2,900	2	\$100	
		Other Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : 65 Gallons							
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Submersible	100%			2021	\$200	4	\$100	
	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.*

NEW YORK PUBLIC LIBRARY - 035
GREAT KILLS BRANCH LIBRARY
Asset # : 13336

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression									
Sprinkler									
	No Component	50%							
	Generic	50%			2047	* *	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.

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : HAMILTON FISH PARK BRANCH LIBRARY
Address : 415 EAST HOUSTON STREET @COLUMBIA 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 : 25-Mar-2016 **Landmark Status** : NONE
Areas Surveyed : Floors 1
Block : 335 **Lot** : 1 **BIN** : 1004070

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical	\$101,200	
Mechanical		\$330,400
Total	\$101,200	\$330,400
Importance Code B	\$101,200	\$330,400
Total	\$101,200	\$330,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$1,800	\$1,800		
Interior Architecture	\$3,000	\$7,900		
Electrical	\$8,600	\$300	\$300	\$10,300
Mechanical	\$2,400	\$2,400	\$3,400	\$2,400
Total	\$15,900	\$12,400	\$3,800	\$12,700
Importance Code A	\$2,400	\$2,400	\$500	\$600
Importance Code B	\$10,500	\$10,000	\$3,200	\$12,100
Importance Code C	\$3,000			
Total	\$15,900	\$12,400	\$3,800	\$12,700



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

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
HAMILTON FISH PARK BRANCH LIBRARY
Asset # : 13337

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

Exterior

Exterior Walls

Glass Block	25%			LIFE	**	5	\$3,700	
Masonry: Brick	70%			LIFE	**	5	\$16,400	
Weathering Steel	5%	4+	\$1,600	LIFE	**	1		

Staining/Discoloring, Extent : Light, Area Affected : 15%

Location : Street Facade

Windows

Aluminum	100%			2035	**	5	\$3,700	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Throughout

Explanation : Protective Metal Grilles

Roof

Cast in Place Concrete	5%	Now	\$200	LIFE	**			
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Cracking/Crumbling, Extent : Moderate, Area Affected : 10%

Location : Awning Over Main Entrance

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

Location : Main Entrance

Explanation : Awning Actually Pre-cast Concrete Panels

Not Accessible

95%

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

Location : Roof

Explanation : There Is No Interior Access To Roof , Outside Access By Ladder Only - No Ladder Was Available For Access

Interior

Floors

Carpet	90%			2026	\$199,000	3	\$23,100	
Vinyl Tile	10%			2032	**	3	\$600	

Interior Walls

Concrete Masonry Unit	5%			LIFE	**	5	\$400	
Glass: Single Pane	5%			LIFE	**	5	\$800	
Plaster	90%	0-2	\$3,000	LIFE	**	5	\$5,600	

Water Penetration, Extent : Light, Area Affected : 5%

Location : At Structural Column Containing Roof Drain

Ceilings

Plaster	100%			LIFE	**	5	\$10,700	
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Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2027	\$1,500	5		
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 800 Amperes Main Disconnect Switch

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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NEW YORK PUBLIC LIBRARY - 035
HAMILTON FISH PARK BRANCH LIBRARY
Asset # : 13337

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2027	\$32,700	5	\$300	
Raceway									
	Conduit	10%			2047	* *	1		
	Conduit	90%			2027	\$28,600	1		
Panelboards									
	Fused Disc Sw	5%			2026	\$800	5		
	Molded Case Bkrs	10%			2043	* *	5		
	Molded Case Bkrs	85%			2026	\$12,900	5	\$200	
Wiring									
	Braided Cloth	30%	2-4	\$8,400	2052	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Thermoplastic	10%			2047	* *	1		
	Thermoplastic	60%			2027	\$16,900	1		
Motor Controllers									
	Locally Mounted	40%			2025	\$12,200	5		
	Locally Mounted	60%			2025	\$18,400	5		
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$200	
Lighting									
Interior Lighting									
	Fluorescent	10%			2032	* *	10	\$1,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Childrens Room							
		Explanation : Using T-5 Lamps							
	Fluorescent	30%			2032	* *	10	\$3,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Using T-5 Lamps							
	Fluorescent	55%			2022	\$60,000	10	\$5,400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Using T-12 Lamps							
	Fluorescent	5%			2032	* *	10	\$500	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
Egress Lighting									
	Emergency, Battery	50%			2027	\$7,400	10	\$1,300	
	Exit, Service	50%			2027	\$800	1		
Exterior Lighting									
	HID	100%			2022	\$41,200	10		
Alarm									
Security System									
	No Component	80%							
	Generic	20%			2037	* *	1	\$800	

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NEW YORK PUBLIC LIBRARY - 035
HAMILTON FISH PARK BRANCH LIBRARY
Asset # : 13337

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

Alarm

Fire/Smoke Detection

No Component

80%

Generic, Digital

20%

2035

* *

1-3

\$1,300

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

Heating

Energy Source

Utility Steam

100%

2047

* *

1

Conversion Equipment

Heat Exchanger, Plate & Frame

100%

2036

* *

1

\$5,300

Distribution

Hot Wtr Piping/Pump

10%

2035

* *

4

\$100

Central Plant Steam

90%

2037

* *

4

\$500

Piping/Pmp

Terminal Devices

Air Handler

90%

2027

\$129,200

1

\$6,000

Convactor/Radiator

10%

2040

* *

1

\$400

Air Conditioning

Energy Source

Electricity

100%

2035

* *

1

Conversion Equipment

Reciprocating Compr/Chiller

100%

2027

\$86,700

1

\$5,000

Terminal Devices

Air Handler/Cool/Ht

100%

2027

\$114,500

1

\$6,700

Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

* *

2-5

\$6,000

Exhaust Fans

Interior

100%

2032

* *

2

\$300

Plumbing

H/C Water Piping

Galvanized Steel

100%

2032

* *

1

Water Heater

Gas Fired

100%

2025

\$6,200

2

\$200

Sanitary Piping

Cast Iron

100%

LIFE

* *

1

Storm Drain Piping

Cast Iron

100%

LIFE

* *

1

Fixtures

Generic

100%

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Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : HAMILTON GRANGE BRANCH LIBRARY
Address : 503 WEST 145TH ST. NEAR AMSTERDAM AVE.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : NPL0010.000 / 4224 **Yr Built/Renovated** : 1907 / 2004
Area Sq Ft : 23,520 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 30-May-2017 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2077 **Lot** : 26 **BIN** : 1061938

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$268,900	
Interior Architecture	\$96,300	\$165,400
Electrical		\$190,000
Mechanical	\$429,900	\$38,000
Site Pavements		\$46,900
Total	\$795,100	\$440,200
Importance Code A	\$268,900	
Importance Code B	\$526,100	\$393,300
Importance Code C		\$46,900
Total	\$795,100	\$440,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$47,400			
Interior Architecture	\$171,900	\$4,600	\$500	\$2,200
Electrical	\$10,900	\$2,000	\$2,500	\$2,100
Mechanical	\$63,200	\$2,700	\$6,200	\$2,700
Site Enclosure	\$1,400			
Site Pavements	\$5,300			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$303,900	\$13,300	\$13,200	\$11,000
Importance Code A	\$48,500	\$1,200	\$1,200	\$1,200
Importance Code B	\$178,100	\$12,200	\$11,500	\$9,800
Importance Code C	\$77,300		\$500	
Total	\$303,900	\$13,300	\$13,200	\$11,000



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NEW YORK PUBLIC LIBRARY - 035
HAMILTON GRANGE BRANCH LIBRARY
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
Exterior								
Exterior Walls								
Masonry: Brick	65%	Now	\$75,900	LIFE	**	5	\$11,400	
	Spalling, Extent : Moderate, Area Affected : 25%							
	Location : East Facade, West Facade, North Facade							
	Worn/Eroded, Extent : Moderate, Area Affected : 25%							
	Location : East Facade, West Facade, North Facade							
Masonry: Granite	5%	4+	\$11,700	LIFE	**	5	\$700	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
	Location : Base Of Building - Street Facade							
	Staining/Discoloring, Extent : Moderate, Area Affected : 20%							
	Location : Base Of Building - Street Facade							
Masonry: Limestone	25%			LIFE	**	5	\$6,600	
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : South (Street) Façade							
	Explanation : Sidewalk Shed Present							
Metal Panel	5%	4+	\$700	2038	**	5	\$1,600	
	Deformed/Dented, Extent : Moderate, Area Affected : 15%							
	Location : Dormers Facing South							
Windows								
Metal Louvers	5%	Now	\$6,400	2043	**			
	Deformed/Dented, Extent : Moderate, Area Affected : 50%							
	Location : Vents At Grade - South Facade							
Wood	95%	Now	\$154,100	2053	**	5	\$18,500	
	Air Infiltration, Extent : Moderate, Area Affected : 50%							
	Location : North And South Facing Windows							
	Dry Rot/Decay, Extent : Moderate, Area Affected : 50%							
	Location : North And South Facing Windows							
	Glazing Clouded, Extent : Moderate, Area Affected : 75%							
	Location : Damaged Lexan Panes Throughout							
	Hardware Missing, Extent : Moderate, Area Affected : 10%							
	Location : North Facing Windows							
	Thermally Inefficient, Extent : Moderate, Area Affected : 50%							
	Location : North And South Facing Windows							
	Split/Cracked, Extent : Moderate, Area Affected : 50%							
	Location : North And South Facing Windows							

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Estimates are rounded to the nearest hundred dollars.

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NEW YORK PUBLIC LIBRARY - 035
HAMILTON GRANGE BRANCH LIBRARY
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
Exterior									
	Parapets								
	Masonry: Brick	65%	Now	\$39,000	LIFE	* *	5	\$2,000	1
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 30%							
		Location : East Facade, West Facade, North Facade							
		Spalling, Extent : Severe, Area Affected : 25%							
		Location : East Facade, West Facade, North Facade							
		Worn/Eroded, Extent : Moderate, Area Affected : 35%							
		Location : East Facade, West Facade, North Facade							
	Masonry: Limestone	20%			LIFE	* *	5-10	\$7,600	
	Metal Panel	5%			2038	* *	5	\$600	
	Pre-Cast Concrete	5%			LIFE	* *	5	\$2,000	
	Slate	5%			LIFE	* *	5	\$300	
Roof									
	Modified Bitumen	85%			2036	* *	10	\$15,200	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Main Roof							
	Modified Bitumen	15%	2-4	\$17,300	2038	* *			
		Water Penetration, Extent : Severe, Area Affected : 15%							
		Location : 1st Floor Reading Area And Stacks							
		Worn/Eroded, Extent : Moderate, Area Affected : 100%							
		Location : Throughout Lower Roof Atop Rear Addition							

Interior

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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NEW YORK PUBLIC LIBRARY - 035
HAMILTON GRANGE BRANCH LIBRARY
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	
Interior Floors									
Cast in Place Concrete	10%			LIFE	**	5	\$15,400		
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Air Conditioning Room In Basement								
Ceramic Tile	5%	4+	\$7,500	2031	**	5	\$900		
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
	Location : 1st, 2nd And Basement Bathrooms								
Vinyl Tile	50%	4+	\$33,100	2028	\$165,400	3	\$6,600		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
	Location : 2nd Floor Reading Area								
	Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
	Location : Children Room								
	Uneven Substrate, Extent : Moderate, Area Affected : 20%								
	Location : 1st Floor Reading Area								
	Worn/Eroded, Extent : Moderate, Area Affected : 20%								
	Location : 2nd Floor Reading Area And Children Room								
Vinyl Tile	5%			2038	**	3	\$700		
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : Community Room - Basement								
Wood	25%	Now	\$32,100	2043	**	5	\$8,300		
	Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
	Location : Various Locations On 3rd Floor								
Wood	5%	Now	\$64,200	2068	**	5	\$1,700		
	Dry Rot/Decay, Extent : Severe, Area Affected : 50%								
	Location : Old Apartment								
	Split/Cracked, Extent : Severe, Area Affected : 50%								
	Location : Old Apartment								

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

NEW YORK PUBLIC LIBRARY - 035
HAMILTON GRANGE BRANCH LIBRARY
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
Interior									
Interior Walls									
	Ceramic Tile	3%			2041	**	5	\$1,100	
	Concrete Masonry Unit	10%			LIFE	**	5	\$2,900	
	Glass: Single Pane	2%			LIFE	**	5	\$1,100	
	Gypsum Board	60%			LIFE	**	5-10	\$36,500	
	Masonry: Brick	5%	Now	\$15,400	LIFE	**			
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%									
Location : Basement - Mechanical Areas									
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : Basement - Mechanical Areas									
	Plaster	10%	Now	\$31,700	LIFE	**	5	\$1,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%									
Location : Mechanical Areas And Structural Columns In Basement And 3rd Floor Apartment									
Deteriorated Finish, Extent : Severe, Area Affected : 50%									
Location : Mechanical Areas And Structural Columns In Basement And 3rd Floor Apartment									
Water Penetration, Extent : Severe, Area Affected : 25%									
Location : Mechanical Areas And Structural Columns In Basement									
	Plaster	10%	4+	\$3,200	LIFE	**	5	\$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Various Locations Throughout									
Ceilings									
	AcousTileSusp.Lay-In	25%			2045	**	5	\$8,800	
	Glass: Susp Panels	10%			LIFE	**	10	\$2,600	
	Gypsum Board	20%	Now	\$3,900	LIFE	**	5	\$8,800	
Water Penetration, Extent : Severe, Area Affected : 10%									
Location : Biography Section - 1st Floor Reading Room (Rear Addition)									
	Plaster	40%			LIFE	**	5-10	\$24,300	
	Plaster	5%	Now	\$25,600	LIFE	**	5	\$1,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%									
Location : Old Apartment									
Water Penetration, Extent : Severe, Area Affected : 25%									
Location : Old Apartment									
Site Enclosure									
Fence/Gates									
	Iron Picket	100%	Now	\$1,400	2048	**			
Other Observation, Extent : Moderate, Area Affected : 25%									
Location : At Main Entrance - Street Side Elevation									
Explanation : Granite Curbing Of Fence Is Stained And Has Eroded Joints									
Retaining Walls									
	Masonry: Brick	100%			2038	**			
Site Pavements									

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NEW YORK PUBLIC LIBRARY - 035
HAMILTON GRANGE BRANCH LIBRARY
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

Site Pavements

Public Sidewalk

Cast in Place Concrete 100% Now \$5,300 2041 * *

Cracking/Crumbling, Extent : Moderate, Area Affected : 25%

Location : At Main Entrance To Building

Tripping Hazard, Extent : Moderate, Area Affected : 20%

Location : At Main Entrance To Building

On-Site Walkways

Cast in Place Concrete 100% 2026 \$46,900

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

Under 600 Volts

Service Equipment

Fused Disc Sw 100% 2048 * * 5 \$100

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

Location : Boiler Room / Electrical Room

Explanation : Main Service Switch Rated @ 800 Amperes.

Switchgear / Switchboard

Molded Case Bkrs 100% 2028 \$35,700 5 \$600

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

Location : Basement

Explanation : 1- Vertical Section

Raceway

Conduit 30% 2028 \$10,400 1

Conduit 70% 2048 * * 1

Panelboards

Fused Disc Sw 5% 2044 * * 5

Molded Case Bkrs 35% 2027 \$8,700 5 \$200

Molded Case Bkrs 60% 2044 * * 5 \$400

Wiring

Thermoplastic 40% 2028 \$12,300 1

Thermoplastic 60% 2048 * * 1

Motor Controllers

Locally Mounted 100% 2026 \$50,100 5 \$200

Ground

Grounding Devices

Not Accessible 100%

Lighting

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

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NEW YORK PUBLIC LIBRARY - 035
HAMILTON GRANGE BRANCH LIBRARY
Asset # : 4224

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
Interior Lighting	Fluorescent	30%			2033	* *	10	\$6,500	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Reading Areas							
	Fluorescent	40%			2023	\$104,100	10	\$8,600	
	T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Reading Areas And Basement								
	Fluorescent	10%			2033	* *	10	\$2,200	
	T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location : 3rd Floor								
	Fluorescent	20%			2033	* *	10	\$4,300	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Hallways And 1st Floor Reading Area								
	Explanation : Compact Fluorescent Light Fixtures								
Egress Lighting									
	Emergency, Battery	50%			2033	* *	10	\$2,800	
	Exit, Service	50%			2033	* *	1		
Exterior Lighting									
	Fluorescent	10%			2028	\$8,300	10	\$200	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Front And Rear Only								
	Explanation : Compact Fluorescent Light Fixtures								
	No Component	90%							
Alarm									
	Security System								
	No Component	20%							
	Generic	80%			2033	* *	1	\$7,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Reading Areas, Hallways And Basement								
	Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection									
	Generic, Digital	100%			2033	* *	1-3	\$14,500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : Smoke Detectors, Alarm Bells, Strobe Lights, Manual Pull Station And Horns								

Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2048	* *	1		

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NEW YORK PUBLIC LIBRARY - 035
HAMILTON GRANGE BRANCH LIBRARY
Asset # : 4224

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Hot Water Boiler	100%			2041	* *	1	\$11,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Boiler Room							
		Explanation : 1 Unit							
Distribution									
	Hot Wtr Piping/Pump	100%	Now	\$800	2027	\$38,000	4	\$1,200	
		Corroded, Extent : Severe, Area Affected : 2%							
		Location : 1 Pump On Top Of The Boiler							
Terminal Devices									
	Convactor/Radiator	40%			2033	* *	1	\$3,000	
	Fan Coil Unit/Heat	20%			2036	* *	1	\$1,500	
	Fan Coil Unit/Heat	40%	0-2	\$145,900	2038	* *	1	\$2,700	
		On Extended Life, Extent : Severe, Area Affected : 40%							
		Location : 3rd Fl. Fan Room							
Air Conditioning									
	Energy Source								
	Electricity	100%			2036	* *	1		
Conversion Equipment									
	Reciprocating	40%	0-2	\$82,700	2038	* *	1	\$3,900	
	Compr/Chiller								
		On Extended Life, Extent : Severe, Area Affected : 50%							
		Location : Basement And 3rd Floor							
		R-22 Refrigerant, Extent : Light, Area Affected : 40%							
		Location : Basement And 3rd Floor							
	Exterior Pkg Unit - Cooling	20%	0-2	\$39,400	2038	* *	2	\$200	
		R-22 Refrigerant, Extent : Light, Area Affected : 20%							
		Location : Lower Roof							
		Other Observation, Extent : Severe, Area Affected : 20%							
		Location : Lower Roof							
		Explanation : 1 Obsolete Unit							
	Exterior Pkg Unit - Cooling	30%			2036	* *	2	\$400	
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : Roof							
		Explanation : 1 Unit, R-410a							
	Split Unit	5%			2033	* *			
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Roof							
		Explanation : 1 Unit, R-410a							
	Split Unit	5%	Now	\$26,000	2038	* *			
		R-22 Refrigerant, Extent : Severe, Area Affected : 5%							
		Location : 1 Condemn Unit, Lower Roof							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
HAMILTON GRANGE BRANCH LIBRARY
Asset # : 4224

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
Terminal Devices									
	Air Handler/Dir Expansion	40%	0-2	\$108,900	2038	* *	1		
On Extended Life, Extent : Severe, Area Affected : 40%									
Location : Basement And 3rd Floor									
	Fan Coil - 2 Pipe	5%			2033	* *	1	\$400	
	Fan Coil - 2 Pipe	5%	0-2	\$23,200	2038	* *	1	\$300	
Other Observation, Extent : Severe, Area Affected : 5%									
Location : Basement									
Explanation : 1 Obsolete Unit									
	No Component	50%							
Heat Rejection									
	Air Cooled Condenser Unit	5%			2033	* *	2	\$800	
	Air Cooled Condenser Unit	5%	0-2	\$2,500	2038	* *	2	\$700	
Other Observation, Extent : Severe, Area Affected : 5%									
Location : Lower Roof									
Explanation : 1 Condemn Unit									
	Dry Cooler	40%	Now	\$53,000	2038	* *	2	\$5,200	
Broken, Extent : Severe, Area Affected : 20%									
Location : Roof									
Other Observation, Extent : Severe, Area Affected : 40%									
Location : Roof									
Explanation : 3 Obsolete Units									
	No Component	50%							
Ventilation									
Distribution									
	Ductwork/Diffusers	15%			LIFE	* *	2-5	\$3,100	
	Ductwork/Diffusers	85%			LIFE	* *	2-5	\$17,600	
Exhaust Fans									
	Interior	25%			2023	\$21,700	2	\$200	
	Roof	50%			2023	\$20,200	2	\$400	
Obsolete Equipment, Extent : Severe, Area Affected : 50%									
Location : Roof And Lower Roof									
	Roof	25%			2036	* *	2	\$200	
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2038	* *	1		
Water Heater									
	Gas Fired	100%			2023	\$14,900	2	\$300	
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		

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

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

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

NEW YORK PUBLIC LIBRARY - 035
HAMILTON GRANGE BRANCH LIBRARY
Asset # : 4224

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sump Pump(s)								
	Submersible	100%			2019	\$800	4	\$700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Fan Room							
		Explanation : 1 Unit							
Fixtures									
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : B, L, 1st - 3rd Floor							
		Explanation : One Unit							
Fire Suppression									
	Sprinkler								
	No Component	80%							
	Generic	20%			2038	**	1-2	\$1,300	

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 16-May-2017 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1722 **Lot** : 30 **BIN** : 1053460

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$152,200	\$79,600
Interior Architecture		\$99,600
Mechanical		\$246,600
Total	\$152,200	\$425,900
Importance Code A	\$152,200	\$79,600
Importance Code B		\$346,300
Total	\$152,200	\$425,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$59,400		\$2,700	
Interior Architecture	\$81,000			\$1,400
Electrical	\$1,400	\$1,200	\$1,500	\$1,200
Mechanical	\$6,500	\$2,300	\$2,300	\$2,100
Site Pavements	\$600			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$152,800	\$7,500	\$10,500	\$8,700
Importance Code A	\$60,100	\$600	\$3,400	\$600
Importance Code B	\$53,400	\$6,800	\$7,100	\$8,000
Importance Code C	\$39,400			
Total	\$152,800	\$7,500	\$10,500	\$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.

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
HARLEM BRANCH LIBRARY
Asset # : 13338

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	57%	Now	\$152,200	LIFE	* *	5	\$24,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Wall Penetrations - Rear Facade								
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Wall Penetrations And Corners - Rear Facade								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations - Rear Facade								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Rear Facade - Throughout								
Masonry: Granite	5%			LIFE	* *	5	\$3,300	
Masonry: Limestone	25%			LIFE	* *	5	\$16,400	
Metal Panel	5%	Now	\$1,600	2038	* *	5	\$4,100	
Seams Open/Split, Extent : Severe, Area Affected : 10%								
Location : Facade Of Built Out Roof Over Community Room								
Slate Panels	3%			LIFE	* *	5	\$2,000	
Stucco Cement	5%			2041	* *	5	\$5,500	
Windows								
Aluminum	98%			2044	* *	5	\$4,700	
Wood	2%	Now	\$2,700	2053	* *	5	\$500	
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Bulkhead Window								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	\$3,400	
Masonry: Brick	75%	Now	\$31,500	LIFE	* *	5	\$1,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Corners Of Parapet Wall								
Miss/Damaged Copings, Extent : Moderate, Area Affected : 25%								
Location : Perimeter Of Flat Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : At Flat Roof And Pitched Roof								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Exterior Parapet Wall - Rear Facade								
Masonry: Limestone	5%	Now	\$2,500	LIFE	* *	5	\$200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Masonry: Limestone	10%	Now	\$3,800	LIFE	* *	5	\$300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Street Facade								
Metal Security Bars	5%			2043	* *			
Roof								
Asphalt Shingle	45%	Now	\$1,700	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Auditorium								
Modified Bitumen	50%			2028	\$31,400	10	\$5,300	
Skylight, Metal/Glass	5%			2028	\$79,600	10	\$1,800	

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

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

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

NEW YORK PUBLIC LIBRARY - 035
HARLEM BRANCH LIBRARY
Asset # : 13338

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								
Floors								
Ceramic Tile	3%	Now	\$3,400	2037	**	5	\$300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Bathrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : 3rd Floor Bathrooms								
Marble Panels	5%			LIFE	**	5	\$1,400	
Terrazzo	7%	2-4	\$3,200	LIFE	**	5	\$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Reception Area / Entry Vestibule								
Vinyl Tile	60%	0-2	\$19,900	2028	\$99,600	3	\$4,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor Staff Areas, Basement, 2nd Floor Children Bathrooms								
Wood	25%			2043	**	5	\$9,000	
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : 3rd Floor Community Area								
Interior Walls								
Ceramic Tile	3%	Now	\$8,800	2037	**	5	\$500	
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : 3rd Floor Bathrooms								
Glass: Single Pane	5%			LIFE	**	5	\$2,600	
Plaster	80%	Now	\$22,700	LIFE	**	5	\$8,400	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Third Floor Bathrooms And Community Room								
Wood	12%	4+	\$5,900	LIFE	**	5	\$16,800	
Deteriorated Finish, Extent : Light, Area Affected : 15%								
Location : Various Locations - 1st And 2nd Floors								
Ceilings								
Plaster	75%	Now	\$9,700	LIFE	**	5	\$9,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Restrooms And Community Room								
Plaster	25%			LIFE	**	5-10	\$8,300	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2048	**			
Free Standing Walls								
Masonry: Brick	100%			2028				
Retaining Walls								
Cast in Place Concrete	100%			2048	**			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2041	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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NEW YORK PUBLIC LIBRARY - 035
HARLEM BRANCH LIBRARY
Asset # : 13338

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	

Site Pavements

On-Site Walkways

Cast in Place Concrete	50%				2033	**			
Masonry: Granite	50%	0-2		\$600	LIFE	**			

Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%

Location : Entry Ramp And Stairs

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%				2048	**	5	\$100	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Electrical Room

Explanation : Main Service Disconnect Switch Rated @ 800 Amperes

Switchgear / Switchboard

Fused Disc Sw	50%				2048	**	5		
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Other Observation, Extent : Light, Area Affected : 100%

Location : Electrical Room

Explanation : 2- Vertical Sections

Molded Case Bkrs	50%				2028	\$16,400	5	\$200	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : 1- Vertical Section

Raceway

Conduit	20%				2028	\$6,400	1		
Conduit	80%				2048	**	1		

Panelboards

Fused Disc Sw	5%				2036	**	5		
Molded Case Bkrs	15%				2027	\$2,300	5	\$100	
Molded Case Bkrs	80%				2044	**	5	\$300	

Wiring

Thermoplastic	80%				2048	**	1		
Thermoplastic	20%				2028	\$5,600	1		

Motor Controllers

Locally Mounted	80%				2041	**	5	\$100	
Locally Mounted	20%				2026	\$6,100	5		

Ground

Grounding Devices

Not Accessible	100%								
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Lighting

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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NEW YORK PUBLIC LIBRARY - 035
HARLEM BRANCH LIBRARY
Asset # : 13338

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2033	* *	10	\$10,800	
<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2033	* *	10	\$600	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2036	* *	10	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Compact Fluorescent Light Fixtures</i>								
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	\$1,600	
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	10%			2028	\$5,000	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	* *	1	\$4,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2033	* *	1-3	\$8,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2038	* *	1		
<i>Other Observation, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Hazard! Gas Meter Is Located Inside The Electrical Room</i>								
Conversion Equipment								
Hot Water Boiler	100%			2033	* *	1	\$6,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Unit</i>								

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

NEW YORK PUBLIC LIBRARY - 035
HARLEM BRANCH LIBRARY
Asset # : 13338

Mechanical		Current Repair		Future Replacement		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	100%	0-2	\$1,000	2027	\$19,300	4	\$600	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
<i>Explanation : Defective Temperature Control System.</i>									
Terminal Devices									
	Convactor/Radiator	100%			2026	\$66,300	1	\$4,200	
Air Conditioning									
Energy Source									
	Electricity	100%			2036	* *	1		
Conversion Equipment									
	Exterior Pkg Unit - Cooling	80%			2028	\$80,300	2	\$600	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 80%</i>									
<i>Location : 3 Units, Roof</i>									
	Split Unit	20%			2028	\$52,900			
<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>									
<i>Location : 2 Units, 1 On Roof, 1 In Court Yard</i>									
Terminal Devices									
	Fan Coil - 2 Pipe	20%			2028	\$47,100	1	\$800	
	No Component	80%							
Heat Rejection									
	Evaporative Condenser	20%			2028	\$7,700	2	\$1,800	
	No Component	80%							
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,500	
Exhaust Fans									
	Roof	100%			2028	\$20,600	2	\$400	
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2038	* *	1		
Water Heater									
	Gas Fired	100%			2028	\$7,600	2	\$200	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>									
<i>Location : Basement</i>									
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)									
	Electric	100%			2028	\$3,600	4	\$800	
Fixtures									
	Generic	100%							
Vertical Transport									

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Estimates are rounded to the nearest hundred dollars.*

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

NEW YORK PUBLIC LIBRARY - 035
HARLEM BRANCH LIBRARY
Asset # : 13338

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%									
Location : B- 3rd Floor									
Explanation : 1 Unit									
Fire Suppression									
Sprinkler									
	No Component	40%							
	Generic	60%			2038		* *	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.

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : HIGH BRIDGE BRANCH LIBRARY
Address : 78 WEST 168TH ST. @WOODYCREST AVE.
Borough : BRONX **Agency's Number** : H03
Program / Asset # : NPL0H03.000 / 13339 **Yr Built/Renovated** : 1976 / 2008
Area Sq Ft : 8,352 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 21-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 2510 **Lot** : 27 **BIN** : 2003163

CAPITAL**Total**

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$6,000			\$10,400
Interior Architecture	\$4,700	\$1,500		
Electrical	\$800	\$1,000	\$800	\$10,200
Mechanical	\$3,700	\$700	\$3,900	\$700
Site Pavements	\$7,400			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$26,500	\$7,100	\$8,700	\$25,200
Importance Code A	\$6,400	\$400	\$400	\$10,800
Importance Code B	\$20,100	\$6,400	\$8,300	\$14,500
Importance Code C		\$300		
Total	\$26,500	\$7,100	\$8,700	\$25,200



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 - 035
HIGH BRIDGE BRANCH LIBRARY
Asset # : 13339

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	65%			LIFE	**	5	\$6,400	
Window Wall	35%			2047	**	5	\$20,700	
Windows								
Aluminum	100%			2043	**	5	\$900	
Parapets								
Concrete Masonry Unit	85%			LIFE	**	5	\$1,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stucco Over Concrete Masonry Units</i>								
Metal Panel	5%			2053	**	5	\$400	
Metal Rail	10%			2044	**	5-10	\$3,700	
Roof								
Modified Bitumen	97%	2-4	\$4,500	2032	**			
<i>Alligatoring, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Skylight, Plastic	3%			2044	**	1		
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	**	5	\$1,500	
Ceramic Tile	3%			2040	**	5	\$300	
Vinyl Tile	90%			2035	**	3	\$3,200	
Interior Walls								
Ceramic Tile	5%			2040	**	5	\$600	
Concrete Masonry Unit	10%			LIFE	**	5	\$400	
Gypsum Board	85%			LIFE	**	5	\$5,700	
Ceilings								
AcousTileSusp.Lay-In	90%			2044	**	5	\$9,300	
Exposed Struc: Steel	5%			LIFE	**			
Gypsum Board	5%			LIFE	**	5	\$600	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2062	**			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	**			
Activity Yard								
Cast in Place Concrete	100%	2-4	\$7,400	2044	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : No Area Drain In Play Yard</i>								
<i>Explanation : Area Drain Required To Prevent Damage To Concrete Paving And Building</i>								

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

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
HIGH BRIDGE BRANCH LIBRARY
Asset # : 13339

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2047	**	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Main Service Switch Rated @ 600 Amperes							
	Raceway								
	Conduit	100%			2047	**	1		
	Panelboards								
	Molded Case Bkrs	100%			2043	**	5	\$200	
	Wiring								
	Thermoplastic	100%			2047	**	1		
	Motor Controllers								
	Locally Mounted	70%			2040	**	5		
	Locally Mounted	30%			2032	**	5		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	70%			2032	**	10	\$5,400	
		Motion Sensors in Use, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Fluorescent	30%			2032	**	10	\$2,300	
		Compact Fluorescent Light, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Motion Sensors in Use, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Egress Lighting								
	Emergency, Battery	50%			2032	**	10	\$1,000	
	Exit, LED	50%			2055	**	1		
	Exterior Lighting								
	Fluorescent	100%			2032	**	10	\$800	
Alarm									
	Security System								
	Generic	100%			2032	**	1	\$3,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : CCTV Surveillance Cameras							
	Fire/Smoke Detection								
	Generic, Analog	100%			2032	**	1-3	\$5,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations And Horns							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
HIGH BRIDGE BRANCH LIBRARY
Asset # : 13339

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2047	**	1		
Conversion Equipment								
Furnace	50%			2032	**	1	\$2,100	
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Roof							
	Explanation : 1 Roof Top Package Unit							
Hot Water Boiler	50%			2040	**	1	\$2,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement Boiler Room							
	Explanation : 1 Unit							
Distribution								
Hot Wtr Piping/Pump	100%			2043	**	4	\$600	
Terminal Devices								
Convactor/Radiator	50%			2040	**	1	\$1,400	
No Component	50%							
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2032	**	2	\$500	
Split Unit	5%			2032	**			
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$10,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,700	
Exhaust Fans								
Roof	100%			2032	**	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2047	**	1		
Water Heater								
Gas Fired	100%			2025	\$4,800	2	\$100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : 1-40 Gallon Water Heater							
Sanitary Piping								
Cast Iron	100%	Now	\$2,900	LIFE	**	1		
	Blockage /Clogged, Extent : Severe, Area Affected : 100%							
	Location : House Trap Is Old And Corroded							
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							

Vertical Transport

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

Estimates are rounded to the nearest hundred dollars.

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

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

NEW YORK PUBLIC LIBRARY - 035
HIGH BRIDGE BRANCH LIBRARY
Asset # : 13339

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

Vertical Transport

Elevators

Hydraulic

100%

LIFE

* *

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

Location : 1-2

Explanation : 1 Unit

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

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : HUDSON PARK - ECRIC BRANCH LIBRARY
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 : 24-May-2017 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 582 **Lot** : 18 **BIN** : 1009760

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$165,400	\$89,300
Interior Architecture	\$37,000	\$204,700
Electrical		\$178,200
Mechanical		\$186,700
Total	\$202,300	\$658,800
Importance Code A	\$165,400	\$89,300
Importance Code B	\$37,000	\$569,500
Total	\$202,300	\$658,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$123,000			
Interior Architecture	\$63,900		\$1,300	\$3,400
Electrical	\$45,700	\$1,100	\$1,500	\$1,300
Mechanical	\$23,000	\$1,700	\$2,700	\$1,700
Site Pavements	\$2,400			
Total	\$258,000	\$2,800	\$5,500	\$6,300
Importance Code A	\$123,900	\$900	\$900	\$900
Importance Code B	\$102,300	\$1,900	\$4,700	\$4,900
Importance Code C	\$31,800			\$500
Total	\$258,000	\$2,800	\$5,500	\$6,300



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

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

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

NEW YORK PUBLIC LIBRARY - 035
HUDSON PARK - ECRIC BRANCH LIBRARY
Asset # : 13340

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	72%			LIFE	**	5	\$30,900		
Masonry: Granite	8%	4+	\$21,000	LIFE	**	5	\$1,300		
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Base Of Building At Leroy Street Facade									
Staining/Discoloring, Extent : Moderate, Area Affected : 20%									
Location : Base Of Building - 7th Avenue Facade									
Masonry: Limestone	12%	4+	\$31,600	LIFE	**	5	\$1,900		
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Leroy Street Facade									
Worn/Eroded, Extent : Moderate, Area Affected : 20%									
Location : Horizontal Banding									
Metal Panel	5%			2028	\$7,800	5-10	\$7,400		
Deformed/Dented, Extent : Moderate, Area Affected : 50%									
Location : 3rd Floor Apartment Enclosure									
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : 3rd Floor Apartment Enclosure									
Wood	3%	0-2	\$8,700	2033	**	5	\$1,600		
Dry Rot/Decay, Extent : Severe, Area Affected : 35%									
Location : 7th Avenue Entry Vestibule And All Window Casings									
Windows									
Aluminum	5%			2044	**	5	\$200		
Metal Louvers	5%	Now	\$7,300	2043	**				
Deformed/Dented, Extent : Moderate, Area Affected : 50%									
Location : Openings At Grade									
Wood	15%	Now	\$27,600	2053	**	5	\$3,600	1	
Deteriorated Finish, Extent : Moderate, Area Affected : 70%									
Location : 2nd And 3rd Floor Windows Facing South									
Dry Rot/Decay, Extent : Severe, Area Affected : 30%									
Location : 2nd And 3rd Floor Windows Facing South									
Thermally Inefficient, Extent : Severe, Area Affected : 50%									
Location : 2nd And 3rd Floor Windows Facing South									
Weather Strip Missing, Extent : Moderate, Area Affected : 50%									
Location : 2nd And 3rd Floor Windows Facing South									
Wood	75%	Now	\$137,800	2053	**	5	\$18,100		
Dry Rot/Decay, Extent : Moderate, Area Affected : 50%									
Location : 1st And 2nd Floor Windows Facing North, East And West									
Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
Location : 1st And 2nd Floor Windows Facing North, East And West									
Other Observation, Extent : Light, Area Affected : 40%									
Location : West Facing Windows And Windows At Grade									
Explanation : Protective Metal Grilles									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
HUDSON PARK - ECRIC BRANCH LIBRARY
Asset # : 13340

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	60%	0-2	\$17,200	LIFE	**	5	\$2,900	
	Parge/Tar Separating, Extent : Light, Area Affected : 25%							
	Location : Interior And Exterior Parapet Walls							
	Spalling, Extent : Moderate, Area Affected : 20%							
	Location : East, West And North Walls							
Masonry: Brick	25%			LIFE	**	5-10	\$8,400	
Masonry: Limestone	10%			LIFE	**	5-10	\$6,000	
Slate	5%			LIFE	**	5	\$500	
Roof								
Modified Bitumen	100%	Now	\$8,900	2023	\$89,300			
	Blisters, Extent : Moderate, Area Affected : 20%							
	Location : Perimeter Of Roof							
	Water Penetration, Extent : Severe, Area Affected : 15%							
	Location : At Roof Drain On Main Roof Adjacent To Apartment Wall							
Interior								
Floors								
Ceramic Tile	5%			2031	**	5	\$1,400	
Panel/Paver: Cer/Brk	2%			2036	**	5	\$1,300	
Slate	5%			LIFE	**	5	\$3,000	
Terrazzo	2%			LIFE	**	5	\$900	
Vinyl Tile	66%			2028	\$158,100	3	\$9,200	
Vinyl Tile 9" X 9"	15%			2023	\$46,600	3	\$2,100	
Wood	5%			2043	**	5	\$2,600	
Interior Walls								
Ceramic Tile	5%			2037	**	5	\$1,100	
Glass: Single Pane	3%			LIFE	**	5	\$1,000	
Marble Panels	2%			LIFE	**	10	\$200	
Plaster	75%			LIFE	**	5-10	\$13,900	
Plaster	10%	Now	\$17,700	LIFE	**	5	\$700	
	Paint Peeling, Extent : Severe, Area Affected : 100%							
	Location : 3rd Floor Floor Apartment							
	Water Penetration, Extent : Severe, Area Affected : 10%							
	Location : 2nd Floor Childrens Room, 1st Floor Reading Room, Basement Auditorium							
	Worn/Eroded, Extent : Severe, Area Affected : 100%							
	Location : 3rd Floor Floor Apartment							
Wood	5%			LIFE	**	5	\$8,700	
Ceilings								
Plaster	90%			LIFE	**	5-10	\$43,000	
Plaster	10%	Now	\$37,000	LIFE	**	5	\$1,700	
	Paint Peeling, Extent : Severe, Area Affected : 100%							
	Location : 3rd Floor Apartment							
	Water Penetration, Extent : Severe, Area Affected : 15%							
	Location : 2nd Floor Childrens Room, 1st Floor Reading Room, Basement Auditorium							
	Worn/Eroded, Extent : Severe, Area Affected : 100%							
	Location : 3rd Floor Apartment							
Site Pavements								

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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
HUDSON PARK - ECRIC BRANCH LIBRARY
Asset # : 13340

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

Site Pavements

Public Sidewalk

Cast in Place Concrete	100%	Now	\$2,400	2041	* *			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : In Front Of 7th Avenue Entrance</i>								
<i>Tripping Hazard, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : In Front Of 7th Avenue Entrance</i>								

On-Site Walkways

Masonry: Granite	100%			LIFE	* *			
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Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2028	\$1,500	5	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated @ 600 Amperes.</i>								

Switchgear / Switchboard

Molded Case Bkrs	100%			2028	\$32,700	5	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1- Vertical Section</i>								

Raceway

Conduit	70%			2028	\$22,200	1		
Conduit	30%			2038	* *	1		

Panelboards

Fused Disc Sw	5%			2036	* *	5		
Molded Case Bkrs	70%			2027	\$10,600	5	\$300	
Molded Case Bkrs	25%			2036	* *	5	\$100	

Wiring

Braided Cloth	70%	2-4	\$19,700	2053	* *	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

Thermoplastic	30%			2038	* *	1		
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Motor Controllers

Locally Mounted	50%			2026	\$15,300	5	\$100	
Variable Frequency Drive	50%			2045	* *			

Ground

Grounding Devices

Generic	100%	2-4	\$9,600	LIFE	* *	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								

Lighting

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NEW YORK PUBLIC LIBRARY - 035
HUDSON PARK - ECRIC BRANCH LIBRARY
Asset # : 13340

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2023	\$169,300	10	\$15,300	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2028	\$8,900	10	\$800	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Upper Floors</i>								
Egress Lighting								
Emergency, Battery	50%			2028	\$12,000	10	\$2,100	
Exit, Service	50%			2028	\$1,300	1		
Exterior Lighting								
Fluorescent	10%			2028	\$5,700	10	\$200	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Front Of The Building</i>								
No Component	90%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	\$10,800	1	\$1,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways</i>								
<i>Explanation : Intrusion Alarm Only; Motion Sensors</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *	1-3	\$10,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations, Smoke Detectors And Horns</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2048	* *	1		
Conversion Equipment								
Furnace	30%			2036	* *	1	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 Roof Top Package Units</i>								
Hot Water Boiler	70%			2045	* *	1	\$6,100	
Distribution								
Hot Wtr Piping/Pump	70%			2027	\$18,200	4	\$900	
No Component	30%							
Terminal Devices								
Convactor/Radiator	70%			2026	\$62,500	1	\$4,000	
No Component	30%							

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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
HUDSON PARK - ECRIC BRANCH LIBRARY
Asset # : 13340

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Energy Source								
	Electricity	100%			2036	**	1		
	Conversion Equipment								
	Int Pkg Unit - Heating/Cooling	20%			2032	**	2	\$200	
		Other Observation, Extent : Light, Area Affected : 20% Location : Basement Explanation : 1 Unit. R-410a							
	Ext Pkg Unit - Heating/Cooling	70%			2036	**	2	\$800	
		Other Observation, Extent : Light, Area Affected : 70% Location : Roof Explanation : 2 Roof Top Units. R-410a							
	No Component	10%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	30%			LIFE	**	2-5	\$4,700	
	Ductwork/Diffusers	70%			LIFE	**	2-5	\$10,900	
	Exhaust Fans								
	Interior	25%			2036	**	2	\$100	
	Roof	75%			2036	**	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2028	\$124,200	1		
	Water Heater								
	Gas Fired	100%			2026	\$10,200	2	\$300	
	Sanitary Piping								
	Cast Iron	100%	Now	\$12,200	LIFE	**	1		
		Corroded, Extent : Severe, Area Affected : 20% Location : Basement Oil Tank Room Damaged, Extent : Moderate, Area Affected : 30% Location : Missing Trap And Piping - 4th Floor Custodian Apartment							
	Storm Drain Piping								
	Cast Iron	100%	Now	\$3,500	LIFE	**	1		
		Corroded, Extent : Severe, Area Affected : 20% Location : Basement Oil Tank Room Leak Evident, Extent : Severe, Area Affected : 3% Location : Roof							
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	90%							
	Generic	10%			2054	**	1-2	\$500	

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

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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : HUNT'S POINT BRANCH LIBRARY
Address : 877 SOUTHERN BLVD. @TIFFANY 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 : 13-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2722 **Lot** : 63 **BIN** : 2005755

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$63,100
Interior Architecture		\$70,700
Electrical	\$5,600	
Mechanical	\$73,800	\$69,700
Total	\$79,300	\$203,500
Importance Code A		\$63,100
Importance Code B	\$79,300	\$140,400
Total	\$79,300	\$203,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$3,200			\$10,600
Interior Architecture	\$3,400	\$5,600	\$1,000	\$2,100
Electrical	\$16,200	\$1,300	\$1,000	\$3,100
Mechanical	\$1,500	\$1,300	\$5,500	\$1,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$28,200	\$12,200	\$11,600	\$21,000
Importance Code A	\$3,800	\$700	\$700	\$11,300
Importance Code B	\$22,700	\$11,600	\$10,900	\$9,800
Importance Code C	\$1,700			
Total	\$28,200	\$12,200	\$11,600	\$21,000



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

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NEW YORK PUBLIC LIBRARY - 035
HUNT'S POINT BRANCH LIBRARY
Asset # : 13341

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

Exterior

Exterior Walls

Cast Stone/Terra Cotta	7%			LIFE	**	5		\$23,100	
Masonry: Brick	73%			LIFE	**	5		\$30,800	
Stucco Cement	20%			2032	**	5		\$21,100	

Windows

Aluminum	100%			2043	**	5		\$4,000	
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Parapets

Masonry: Brick	95%			LIFE	**	5		\$3,800	
Masonry: Limestone	5%			LIFE	**	5		\$300	

Recent Replace Evident, Extent : Light, Area Affected : 100%

Location : Flashing And Coping

Roof

Roll Roofing	100%	Now	\$3,200	2026	\$63,100	5		\$12,600	
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Water Penetration, Extent : Severe, Area Affected : 2%

Location : Second Floor Children Community Room Aand Stair

Interior

Floors

Carpet	55%			2026	\$146,000	3		\$16,900	
Cast in Place Concrete	5%	Now	\$1,100	LIFE	**	5		\$2,200	

Cracking/Crumbling, Extent : Moderate, Area Affected : 10%

Location : Basement

Vinyl Tile	40%			2027	\$70,700	3		\$3,100	
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Interior Walls

Plaster	95%			LIFE	**	5		\$11,800	
Plaster	5%	Now	\$1,700	LIFE	**	5		\$600	

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

Location : Second Floor Children Community Room And Stair

Ceilings

AcousTile,Adhered	20%			2032	**	5		\$4,100	
Plaster	75%			LIFE	**	5		\$9,600	
Plaster	5%	Now	\$700	LIFE	**	5		\$600	

Water Penetration, Extent : Moderate, Area Affected : 5%

Location : Second Floor Children Community Room

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2027	\$1,500	5		\$100	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Main Service Switch Rated @ 400 Amperes

Switchgear / Switchboard

Molded Case Bkrs	100%			2027	\$32,700	5		\$400	
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NEW YORK PUBLIC LIBRARY - 035
HUNT'S POINT BRANCH LIBRARY
Asset # : 13341

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Raceway								
	Conduit	70%			2027	\$22,200	1		
	Conduit	30%			2037	**	1		
Panelboards									
	Molded Case Bkrs	40%			2026	\$6,100	5	\$100	
	Molded Case Bkrs	40%			2035	**	5	\$100	
	Molded Case Bkrs	20%			2043	**	5	\$100	
Wiring									
	Braided Cloth	20%	2-4	\$5,600	2052	**	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Thermoplastic	50%			2037	**	1		
	Thermoplastic	30%			2047	**	1		
Motor Controllers									
	Locally Mounted	100%			2032	**	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%	2-4	\$9,600	LIFE	**	5	\$200	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Water Main							
		Explanation : Corroded							
Lighting									
	Interior Lighting								
	Fluorescent	75%			2035	**	10	\$9,400	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Fluorescent	20%			2035	**	10	\$2,500	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Reading Areas							
	Fluorescent	4%			2022	\$5,600	10	\$500	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Incandescent	1%			2022	\$1,400	2		
Egress Lighting									
	Exit, Service	100%			2035	**	1		
Exterior Lighting									
	HID	20%			2027	\$10,500	10		
	No Component	80%							
Alarm									
	Security System								
	No Component	60%							
	Generic	40%			2035	**	1	\$2,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Reading Areas And Outside							
		Explanation : CCTV Surveillance Camera System							

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NEW YORK PUBLIC LIBRARY - 035
HUNT'S POINT BRANCH LIBRARY
Asset # : 13341

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

Alarm

Fire/Smoke Detection
Generic, Digital

100% 2035 * * 1-3 \$8,400
Other Observation, Extent : Moderate, Area Affected : 100%
Location : Throughout The Building
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns

Mechanical		Current Repair		Future Replacement		Maintenance		
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% 2047 * * 1

Conversion Equipment

Hot Water Boiler

100% 2040 * * 1 \$6,800
Other Observation, Extent : Light, Area Affected : 100%
Location : Basement
Explanation : 1 Natural Gas Fired Hot Water Boiler

Distribution

Hot Wtr Piping/Pump

100% 2035 * * 4 \$1,000

Terminal Devices

Convactor/Radiator

100% 2025 \$69,700 1 \$4,400

Air Conditioning

Energy Source

Electricity

100% 2043 * * 1

Conversion Equipment

Exterior Pkg Unit -

Cooling

70% 2022 \$73,800 2 \$600

Exterior Pkg Unit -

Cooling

30% 2032 * * 2 \$300

Distribution

Ductwork/Diffusers

75% LIFE * * 2 \$13,400

No Component

25%

Ventilation

Distribution

Ductwork/Diffusers

100% LIFE * * 2-5 \$7,600

Plumbing

H/C Water Piping

Brass/Copper

100% 2037 * * 1

Water Heater

Gas Fired

100% 2026 \$7,900 2 \$200
Recent Installation, Extent : Light, Area Affected : 100%
Location : Basement

Sanitary Piping

Cast Iron

100% LIFE * * 1

Storm Drain Piping

Cast Iron

100% LIFE * * 1

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NEW YORK PUBLIC LIBRARY - 035
HUNT'S POINT BRANCH LIBRARY
Asset # : 13341

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Backflow Preventer								
	No Component	90%							
	Generic	10%			2032	* *	1	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Boiler Only							
Fixtures									
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1-2							
		Explanation : 1 Unit							

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Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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-Jun-2017 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2233 **Lot** : 13 **BIN** : 1064894

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$252,900	\$62,200
Electrical		\$357,700
Mechanical		\$358,800
Total	\$252,900	\$778,600
Importance Code A	\$252,900	\$189,000
Importance Code B		\$589,700
Total	\$252,900	\$778,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$44,500		\$6,300	
Interior Architecture	\$53,900		\$4,800	\$600
Electrical	\$2,500	\$1,200	\$1,400	\$1,500
Mechanical	\$21,400	\$3,300	\$3,300	\$2,900
Site Enclosure	\$16,800			
Site Pavements	\$7,700			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$150,800	\$8,400	\$19,700	\$8,900
Importance Code A	\$57,200	\$900	\$7,200	\$900
Importance Code B	\$52,700	\$7,500	\$12,600	\$8,100
Importance Code C	\$40,900			
Total	\$150,800	\$8,400	\$19,700	\$8,900



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NEW YORK PUBLIC LIBRARY - 035
INWOOD BRANCH LIBRARY
Asset # : 13342

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	64%	2-4	\$53,500	LIFE	* *	5	\$17,500	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Graffiti, Extent : Moderate, Area Affected : 20%							
		Location : South And East Facades							
		Vegetation Growth, Extent : Moderate, Area Affected : 15%							
		Location : East Facade							
	Masonry: Brick Cavity	20%	2-4	\$10,400	LIFE	* *	5	\$5,500	
		Graffiti, Extent : Moderate, Area Affected : 15%							
		Location : North And East Facades							
	Masonry: Limestone	3%	2-4	\$4,500	LIFE	* *	5	\$600	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Metal Panel	5%			2048	* *	5-10	\$9,400	
	Granite Panels	3%	4+	\$5,500	LIFE	* *	5	\$600	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Pre-Cast Concrete	3%			LIFE	* *	5	\$5,300	
	Slate Panels	2%	2-4	\$2,900	LIFE	* *	5	\$400	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
		Location : Decorative Panels - East And West Facades							
Windows									
	Aluminum	82%	2-4	\$144,300	2053	* *	5	\$1,700	
		Corrosion/Rusting, Extent : Light, Area Affected : 50%							
		Location : Throughout Original Building On First And Second Floors							
		Unit Inoperable, Extent : Moderate, Area Affected : 75%							
		Location : Throughout Original Building On First And Second Floors							
	Aluminum	15%			2044	* *	5	\$600	
	Metal Louvers	3%			2031	* *	10	\$800	
Parapets									
	Masonry: Brick	70%	Now	\$55,100	LIFE	* *	5	\$3,100	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 20%							
		Location : Northwest And Southeast Corners							
		Vertical Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Interior Parapet Walls							
	Masonry: Limestone	10%	Now	\$9,500	LIFE	* *	5	\$600	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : Underside Of Coping							
		Caulking Deteriorated, Extent : Moderate, Area Affected : 25%							
		Location : Coping							
		Vegetation Growth, Extent : Moderate, Area Affected : 20%							
		Location : Coping Stones							
	No Component	20%							

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NEW YORK PUBLIC LIBRARY - 035
INWOOD BRANCH LIBRARY
Asset # : 13342

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Roof									
	Built-Up (BUR)	80%	0-2	\$6,200	2028	\$62,200			
		Drains Clogged, Extent : Severe, Area Affected : 10%							
		Location : Adjacent To Bulkhead							
		Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%							
		Location : Perimeter Flashing							
		Ponding, Extent : Moderate, Area Affected : 10%							
		Location : Roof Sliver Between Original Building And Addition							
		Water Penetration, Extent : Moderate, Area Affected : 15%							
		Location : At Curbing For Roof Penetrations							
	Metal Panel	18%			2041	**	10	\$5,500	
	Skylight, Metal/Glass	2%	4+	\$2,500	2038	**			
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Interior Side Of Curbing							
Interior									
Floors									
	Carpet	10%			2027	\$31,700	3	\$3,700	
	Cast in Place Concrete	5%			LIFE	**	5	\$5,400	
	Ceramic Tile	5%			2037	**	5	\$1,200	
	Terrazzo	5%			LIFE	**	5	\$1,900	
	Vinyl Tile	45%			2036	**	3	\$4,100	
	Vinyl Tile	30%			2033	**	3	\$2,800	
Interior Walls									
	Cast in Place Concrete	5%			LIFE	**	10	\$4,400	
	Gypsum Board	15%			LIFE	**	5-10	\$9,000	
	Masonry: Brick	5%			LIFE	**	10	\$500	
	Operable Wall	5%			2048	**	5	\$6,200	
	Marble Panels	5%			LIFE	**	10	\$700	
	Plaster	60%			LIFE	**	5-10	\$18,100	
	SGFT/Glazed Masonry	5%			LIFE	**	10	\$900	
Ceilings									
	AcousTileConcealSpLn	50%	0-2	\$10,000	2041	**	5	\$7,700	
		Cracking/Crumbling, Extent : Light, Area Affected : 15%							
		Location : Throughout First And Seconf Floor Reading Areas							
	AcousTileSusp.Lay-In	10%			2041	**	5	\$2,500	
	Exposed Concrete	10%			LIFE	**	5-10	\$3,100	
	Gypsum Board	20%			LIFE	**	5-10	\$16,900	
	Plaster	10%			LIFE	**	5-10	\$4,200	
Site Enclosure									
Fence/Gates									
	Chain link	100%	0-2	\$16,800	2058	**			
		Corrosion/Rusting, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Impact Damage, Extent : Moderate, Area Affected : 50%							
		Location : Rear Yard							
Retaining Walls									
	Cast in Place Concrete	100%			2063	**			

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NEW YORK PUBLIC LIBRARY - 035
INWOOD BRANCH LIBRARY
Asset # : 13342

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	

Site Pavements

Parking/Driveway

Cast in Place Concrete	100%			2041		**			
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Activity Yard

Cast in Place Concrete	100%	Now	\$7,700	2048		**			
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*Broken/Missing Elements, Extent : Moderate, Area Affected : 35%**Location : Pavers Throughout Rear Lot**Tripping Hazard, Extent : Moderate, Area Affected : 25%**Location : Rear Yard*

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2038		**	5	\$100	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : Main Service Disconnect Switch Rated @ 2000 Amperes*

Switchgear / Switchboard

Molded Case Bkrs	100%			2038		**	5	\$500	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : 2- Vertical Sections*

Raceway

Conduit	100%			2038		**	1		
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Panelboards

Fused Disc Sw	5%			2036		**	5		
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Molded Case Bkrs	95%			2036		**	5	\$400	
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Wiring

Thermoplastic	100%			2038		**	1		
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Motor Controllers

Locally Mounted	100%			2033		**	5	\$100	
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Ground

Grounding Devices

Generic	100%			LIFE		**	5	\$500	
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Lighting

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NEW YORK PUBLIC LIBRARY - 035
INWOOD BRANCH LIBRARY
Asset # : 13342

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	45%			2028	\$79,100	10	\$7,200	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Reading Areas And Offices</i>								
Fluorescent	40%			2028	\$70,300	10	\$6,400	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Reading Areas</i>								
Fluorescent	10%			2028	\$17,600	10	\$1,600	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement And Hallways</i>								
Fluorescent	5%			2023	\$8,800	10	\$800	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Egress Lighting								
Emergency, Battery	50%			2028	\$11,800	10	\$2,100	
Exit, LED	50%			2043	* *	1		
Exterior Lighting								
HID	20%			2028	\$13,300	10		
No Component	80%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	\$15,900	1	\$1,900	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Reading Areas</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2028	\$181,900	1-3	\$11,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations, Smoke Detectors And Horns</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2048	* *	1		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Basement</i>								
<i>Explanation : The Condemn Oil Tank Still Remains In The Basement</i>								
Conversion Equipment								
Hot Water Boiler	100%	Now	\$12,700	2026	\$126,800	1	\$7,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One Unit. It Goes Down Every Other Week According To Maintenance Staff.</i>								

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NEW YORK PUBLIC LIBRARY - 035
INWOOD BRANCH LIBRARY
Asset # : 13342

Mechanical		Current Repair		Future Replacement		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	100%			2036	* *	4	\$1,300	
	Terminal Devices								
	Air Handler	60%			2028	\$138,800	1	\$6,400	
	Convactor/Radiator	40%			2033	* *	1	\$2,200	
Air Conditioning									
	Energy Source								
	Electricity	100%			2036	* *	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	20%			2028	\$27,900	1	\$1,600	
		R-22 Refrigerant, Extent : Light, Area Affected : 20% Location : 1 Unit, Basement							
	Exterior Pkg Unit - Cooling	70%			2028	\$93,200	2	\$700	
		R-22 Refrigerant, Extent : Light, Area Affected : 70% Location : 2 Units, Roof							
	No Component	10%							
	Terminal Devices								
	Air Handler/Dir Expansion	20%			2028	\$33,100	1		
	No Component	80%							
	Heat Rejection								
	Air Cooled Condenser Unit	20%			2028	\$6,000	2	\$2,400	
	No Component	80%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%	Now	\$7,600	LIFE	* *	2-5	\$9,700	
		Corroded, Extent : Moderate, Area Affected : 20% Location : Roof							
	Exhaust Fans								
	Interior	30%			2028	\$17,600	2	\$200	
	Roof	70%			2028	\$19,100	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	60%			2038	* *	1		
	Galvanized Steel	40%			2026	\$28,900	1		
	Water Heater								
	Gas Fired	100%			2026	\$10,000	2	\$300	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							
Vertical Transport									

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

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

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

NEW YORK PUBLIC LIBRARY - 035
INWOOD BRANCH LIBRARY
Asset # : 13342

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%									
Location : B-2nd Floor									
Explanation : One Unit									
Fire Suppression									
Sprinkler									
	No Component	70%							
	Generic	30%			2054		* *	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.*

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 24-May-2017 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 606 **Lot** : 1 **BIN** : 1082668

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$158,400	\$39,700
Interior Architecture		\$248,900
Electrical	\$71,200	\$265,200
Mechanical		\$868,700
Total	\$229,600	\$1,422,500
Importance Code A	\$158,400	\$39,700
Importance Code B	\$71,200	\$1,382,800
Total	\$229,600	\$1,422,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$64,400	\$400	\$600	
Interior Architecture	\$152,000		\$1,600	\$4,500
Electrical	\$25,100	\$600	\$600	\$1,000
Mechanical	\$27,500	\$7,800	\$6,300	\$8,000
Site Pavements	\$55,700			
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$332,400	\$16,700	\$17,000	\$21,300
Importance Code A	\$66,400	\$2,500	\$2,700	\$2,100
Importance Code B	\$192,700	\$14,300	\$13,500	\$19,300
Importance Code C	\$73,300		\$800	
Total	\$332,400	\$16,700	\$17,000	\$21,300



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.

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

NEW YORK PUBLIC LIBRARY - 035
JEFFERSON MARKET BRANCH LIBRARY
Asset # : 13343

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast Iron	5%			LIFE	**	10	\$28,900	
	Masonry: Brick	75%			LIFE	**	5	\$79,300	
	Masonry: Granite	5%			LIFE	**	5	\$4,000	
	Masonry: Sandstone	15%			LIFE	**	5	\$11,900	
Windows									
	Aluminum	10%			2050	**	5	\$800	
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : Basement Windows								
	Aluminum	15%			2036	**	5	\$1,200	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : First, Second And Third Floors								
	Explanation : These Components Are Stained Glass Windows								
	Bronze/Brass	75%	Now	\$118,700	2036	**	5	\$19,200	
	Air Infiltration, Extent : Moderate, Area Affected : 100%								
	Location : Windows Throughout								
	Hardware Missing, Extent : Moderate, Area Affected : 25%								
	Location : Windows Throughout								
	Weather Strip Missing, Extent : Moderate, Area Affected : 100%								
	Location : Windows Throughout								
Roof									
	Copper/Terne	15%			2063	**	10	\$12,100	
	Slate	85%			LIFE	**	10	\$27,500	
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : Decorative Slate Roof Throughout								
Interior									
Floors									
	Carpet	10%	Now	\$43,800	2030	**	3	\$4,700	
	Worn/Eroded, Extent : Moderate, Area Affected : 50%								
	Location : 1st And 2nd Floor Auditorium Spaces								
	Cast in Place Concrete	5%			LIFE	**	5	\$6,800	
	Ceramic Tile	5%			2031	**	5	\$1,600	
	Terrazzo	5%			LIFE	**	5	\$2,400	
	Vinyl Tile	40%			2028	\$116,700	3	\$6,200	
	Vinyl Tile 9" X 9"	35%	0-2	\$13,200	2023	\$132,300	3	\$4,100	
	Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
	Location : Basement Research Area								

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

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	3%			2031	**	5	\$1,700	
Glass: Single Pane	2%			LIFE	**	5	\$1,700	
Gypsum Board	10%			LIFE	**	5-10	\$9,400	
Masonry: Brick	15%			LIFE	**	10	\$2,500	
Masonry: Fieldstone	2%			LIFE	**	10	\$400	
Masonry: Limestone	10%			LIFE	**	10	\$2,200	
Plaster	50%	Now	\$12,300	LIFE	**	5	\$8,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Toilet And Fire Stair								
Wood	8%			LIFE	**	5	\$35,500	
Ceilings								
Exposed Concrete	5%			LIFE	**	5-10	\$2,100	
Masonry: Infill Arch	10%			LIFE	**	10	\$1,600	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Basement Reading Area								
Plaster	55%			LIFE	**	5-10	\$31,100	
Plaster	25%			LIFE	**	5-10	\$14,100	
Wood	5%			LIFE	**	5	\$28,800	
Site Enclosure								
Fence/Gates								
Chain link	10%			2038	**			
Iron Picket	90%			2063	**			
Retaining Walls								
Cast in Place Concrete	40%			2048	**			
Masonry: Fieldstone	60%			2038	**			
Site Pavements								
Public Sidewalk								
Pavers/Stone	100%	Now	\$24,500	2031	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Along 6th Avenue And W. 10th Street								
On-Site Walkways								
Cast in Place Concrete	87%	Now	\$1,200	2033	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Walkway Adjacent To Garden In Rear Of Building								
Masonry: Granite	13%	0-2	\$3,500	LIFE	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Entry Landing At South End Fronting 6th Avenue								
Parking/Driveway								
Cast in Place Concrete	100%	Now	\$26,400	2048	**			
Misaligned/Bulging, Extent : Moderate, Area Affected : 50%								
Location : Parking Area Adjacent To W 10th Street								

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

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

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2028	\$2,800	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : No Available Nameplate Rating Capacity							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2028	\$35,700	5	\$500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : 2- Vertical Sections							
	Raceway								
	Conduit	100%			2028	\$34,600	1		
	Panelboards								
	Molded Case Bkrs	95%			2027	\$23,500	5	\$500	
	Molded Case Bkrs	5%			2036	* *	5		
	Wiring								
	Braided Cloth	80%	2-4	\$24,500	2053	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Thermoplastic	20%			2038	* *	1		
	Motor Controllers								
	Locally Mounted	50%			2026	\$25,100	5	\$100	
	Variable Frequency Drive	50%			2045	* *			
	Ground								
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$600	
	Lighting								
	Interior Lighting								
	Fluorescent	20%			2028	\$45,900	10	\$3,800	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Basement And Upper Floors							
	Fluorescent	80%			2028	\$183,600	10	\$15,200	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Egress Lighting								
	Emergency, Battery	50%			2028	\$15,500	10	\$2,500	
	Exit, Service	50%			2028	\$1,600	1		
	Exterior Lighting								
	Incandescent	10%			2023	\$7,300	2		
	No Component	90%							
Alarm									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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NEW YORK PUBLIC LIBRARY - 035
JEFFERSON MARKET BRANCH LIBRARY
Asset # : 13343

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

Alarm

Security System

No Component

70%

Generic

30%

2028

\$20,800

1

\$2,300

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Hallways**Explanation : Intrusion Alarm Only; Motion Sensors*

Fire/Smoke Detection

No Component

70%

Generic, Analog

30%

2-4

\$71,200

2038

* *

1-3

\$3,500

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Hallways**Explanation : Obsolete Fire Alarm System; Alarm Bells And Manual Pull Stations Only*

Mechanical		Current Repair			Future Replacement		Maintenance		
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%

2054

* *

1

Conversion Equipment

Steam Boiler

100%

2045

* *

1

\$20,500

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement Boiler Room**Explanation : 1 Unit. (2 Heat Exchangers)*

Distribution

Hot Wtr Piping/Pump

60%

2036

* *

4

\$900

Steam Piping/Pump

40%

2038

* *

Terminal Devices

Air Handler

5%

2023

\$15,100

1

\$600

Air Handler

15%

2033

* *

1

\$1,900

Fan Coil Unit/Heat

80%

2028

\$257,200

1

\$5,400

Air Conditioning

Energy Source

Electricity

100%

2036

* *

1

Conversion Equipment

Reciprocating

100%

2028

\$182,200

1

\$9,600

Compr/Chiller

*R-22 Refrigerant, Extent : Light, Area Affected : 100%**Location : 2 Sets, Basement A/C Room*

Distribution

CW & CHW Wtr

100%

2038

* *

4

\$1,000

Pipe/Pump

Terminal Devices

Air Handler/Cool/Ht

5%

2023

\$12,000

1

\$600

Air Handler/Cool/Ht

15%

2033

* *

1

\$1,900

Fan Coil - 4 Pipe

80%

2028

\$402,100

1

\$5,400

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

NEW YORK PUBLIC LIBRARY - 035
JEFFERSON MARKET BRANCH LIBRARY
Asset # : 13343

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Heat Rejection								
	Air Cooled Condenser Unit	100%			2036	* *	2	\$14,400	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$18,300	
	Exhaust Fans								
	Interior	15%			2033	* *	2	\$100	
	Interior	5%			2023	\$3,800	2		
	Roof	5%	Now	\$100	2028	\$1,800	2		
		Not in Service, Extent : Severe, Area Affected : 5%							
		Location : Roof							
	No Component	75%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2038	* *	1		
	Water Heater								
	Electric	100%			2027	\$18,900	4	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Boiler Room							
		Explanation : 1 Unit. 1 Reserved Gas Fire Unit Not Connected To Flue Pipe							
	Sanitary Piping								
	Cast Iron	100%	0-2	\$15,700	LIFE	* *	1		
		Blockage /Clogged, Extent : Severe, Area Affected : 5%							
		Location : Basement							
		On Extended Life, Extent : Moderate, Area Affected : 15%							
		Location : Drainage, Especially In Kitchen							
	Sump Pump(s)								
	Non-Submersible	100%			2023	\$3,300	4	\$700	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Geared Traction	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : B-3rd Floor							
		Explanation : 2 Units							
Fire Suppression									
	Sprinkler								
	No Component	95%							
	Generic	5%			2038	* *	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.

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : JEROME PARK BRANCH LIBRARY
Address : 118 EAMES PLACE NEAR W. KINGSBRIDGE ROAD
Borough : BRONX **Agency's Number** : J02
Program / Asset # : NPL0J02.000 / 13344 **Yr Built/Renovated** : 1968 / 2007
Area Sq Ft : 7,404 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 21-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 3248 **Lot** : 70 **BIN** : 2015263

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Mechanical		\$97,800
Total		\$97,800
Importance Code B		\$97,800
Total		\$97,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$14,000			\$800
Interior Architecture	\$600	\$5,100		
Electrical	\$700	\$900	\$700	\$7,600
Mechanical	\$2,800	\$1,600	\$5,600	\$1,600
Total	\$18,100	\$7,500	\$6,200	\$9,900
Importance Code A	\$14,300	\$400	\$400	\$1,200
Importance Code B	\$3,800	\$7,100	\$5,900	\$8,700
Importance Code C				
Total	\$18,100	\$7,500	\$6,200	\$9,900



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.

NEW YORK PUBLIC LIBRARY - 035
JEROME PARK BRANCH LIBRARY
Asset # : 13344

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	95%			LIFE	**	5	\$17,800		
Masonry: Fieldstone	5%			LIFE	**	5	\$700		
Windows									
Aluminum	95%			2052	**	5	\$1,600		
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : All									
Glass Block	5%			LIFE	**	5	\$100		
Parapets									
Masonry: Brick	80%			LIFE	**	5	\$800		
Pre-Cast Concrete	20%	0-2	\$4,300	LIFE	**	5	\$1,200		
Broken/Missing Elements, Extent : Severe, Area Affected : 2%									
Location : Precast Coping Is Metal Clad At Front Wall And Cracked									
Caulking Deteriorated, Extent : Severe, Area Affected : 100%									
Location : Caulking Joints Have Failed Throughout									
Roof									
Single Ply Membrane	90%	Now	\$9,700	2032	**			1	
Ponding, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Water Penetration, Extent : Severe, Area Affected : 20%									
Location : Throughout									
Sloped Glazing	10%			LIFE	**	5	\$21,100		
Other Observation, Extent : Light, Area Affected : 10%									
Location : Supporting Steel At Entrance Canopy Is Rusting									
Explanation : Painting Required									
Interior									
Floors									
Cast in Place Concrete	5%			LIFE	**	5	\$900		
Ceramic Tile	20%			2040	**	5	\$1,600		
Vinyl Tile	75%			2035	**	3	\$2,200		
Interior Walls									
Glass: Single Pane	25%			LIFE	**	5	\$3,800		
Gypsum Board	50%			LIFE	**	5	\$6,100		
Water Penetration, Extent : Moderate, Area Affected : 2%									
Location : Water Damage At Interior Column Due To Roof Leak									
Masonry: Brick	25%			LIFE	**				
Efflorescence, Extent : Light, Area Affected : 5%									
Location : At Entrance Corridor									
Ceilings									
AcousTileSusp.Lay-In	90%			2040	**	5	\$7,100		
Staining/Discoloring, Extent : Moderate, Area Affected : 5%									
Location : Throughout.									
Exposed Struc: Steel	2%			LIFE	**				
Gypsum Board	8%	2-4	\$600	LIFE	**	5	\$800		
Water Penetration, Extent : Moderate, Area Affected : 2%									
Location : Water Damage At Gwb Soffits Throughout									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
JEROME PARK BRANCH LIBRARY
Asset # : 13344

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

Site Enclosure

Fence/Gates

Chain link

100%

2047

* *

Site Pavements

Public Sidewalk

Cast in Place Concrete

100%

2040

* *

Parking/Driveway

Asphalt

100%

2036

* *

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

Under 600 Volts

Service Equipment

Molded Case Bkrs

100%

2037

* *

5

\$200

*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : One 400 Amperes Main Disconnect Switch*

Raceway

Conduit

100%

2047

* *

1

Panelboards

Molded Case Bkrs

100%

2043

* *

5

\$200

Wiring

Thermoplastic

100%

2047

* *

1

Motor Controllers

Locally Mounted

100%

2040

* *

5

\$100

Ground

Grounding Devices

Generic

100%

LIFE

* *

5

\$100

Lighting

Interior Lighting

Fluorescent

100%

2032

* *

10

\$6,800

*T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%**Location : Throughout*

Egress Lighting

Emergency, Service

30%

2035

* *

1

Exit, Service

70%

2035

* *

1

Alarm

Security System

Generic

100%

2032

* *

1

\$2,800

Fire/Smoke Detection

Generic, Digital

100%

2032

* *

1-3

\$4,600

Mechanical		Current Repair			Future Replacement		Maintenance		
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.

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

NEW YORK PUBLIC LIBRARY - 035
JEROME PARK BRANCH LIBRARY
Asset # : 13344

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2047	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2032	**	1	\$3,700	
Distribution								
Hot Wtr Piping/Pump	100%			2035	**	4	\$500	
Terminal Devices								
Air Handler	50%			2032	**	1	\$2,300	
Convactor/Radiator	50%			2032	**	1	\$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2027	\$59,600	1	\$3,400	
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$9,600	
Terminal Devices								
Air Handler/Cool/Ht	100%			2032	**	1	\$4,600	
Recent Repair Evident, Extent : Light, Area Affected : 20% Location : Main Floor								
Heat Rejection								
Dry Cooler	100%			2027	\$38,200	2	\$5,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,100	
Exhaust Fans								
Interior	100%			2032	**	2	\$200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2032	**	1		
Water Heater								
Gas Fired	100%			2025	\$4,300	2	\$100	
Other Observation, Extent : Light, Area Affected : 100% Location : Main Floor Explanation : 1 - 40 Gallon Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Non-Submersible	100%			2027	\$1,100	4	\$200	
Fixtures								
Generic	100%							

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

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : KINGSBRIDGE BRANCH LIBRARY
Address : 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 : 01-Jun-2017 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 5713 **Lot** : 123 **BIN** : 2119474

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$52,800	\$105,700
Total	\$52,800	\$105,700
Importance Code A	\$52,800	\$105,700
Total	\$52,800	\$105,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$78,200	\$12,000		
Interior Architecture	\$118,600	\$500	\$1,500	
Electrical	\$1,400	\$1,100	\$1,300	\$1,100
Mechanical	\$5,000	\$700	\$2,300	\$700
Site Enclosure	\$1,000			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$208,200	\$18,300	\$9,100	\$5,800
Importance Code A	\$78,800	\$12,600	\$600	\$600
Importance Code B	\$88,700	\$5,600	\$7,900	\$5,100
Importance Code C	\$40,600		\$600	
Total	\$208,200	\$18,300	\$9,100	\$5,800



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 Estimates are rounded to the nearest hundred dollars.

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

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NEW YORK PUBLIC LIBRARY - 035
KINGSBRIDGE BRANCH LIBRARY
Asset # : 14728

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	**	5	\$105,700	
Masonry: Brick	25%			LIFE	**	5	\$26,400	
Metal/Glass Curt Wall	32%			LIFE	**	5	\$63,400	
Metal Panel	20%			2054	**	5-10	\$72,600	
Window Wall	3%	0-2	\$1,500	2054	**	5	\$3,000	
Weather Strip Missing, Extent : Moderate, Area Affected : 15%								
Location : Entry Vestibule								
Parapets								
Masonry: Brick	30%			LIFE	**	5-10	\$7,000	
Metal Panel	20%			2054	**	5	\$2,600	
Metal Rail	50%			2045	**	5-10	\$30,600	
Roof								
IRMA/Protected Membrane	20%			2036	**	10	\$2,600	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : First Floor Near Emergency Exit At East Side								
IRMA/Protected Membrane	65%			2036	**	10	\$8,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Green Roof Is Covered With Planting								
Sloped Glazing	15%	0-2	\$4,700	LIFE	**	5	\$26,500	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Window Hatches								
Explanation : Non-Operational								
Interior								
Floors								
Carpet	5%			2029	**	3	\$1,600	
Cast in Place Concrete	35%			LIFE	**	5	\$32,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : First Floor At Column Junctions								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Polished Concrete								
Cast in Place Concrete	40%			LIFE	**	5	\$37,100	
Ceramic Tile	5%			2041	**	5	\$1,100	
Vinyl Tile	15%			2036	**	3	\$1,200	
Interior Walls								
Cast in Place Concrete	50%			LIFE	**	10	\$28,500	
Ceramic Tile	5%			2041	**	5	\$1,100	
Concrete Masonry Unit	10%			LIFE	**	5	\$1,800	
Glass: Single Pane	5%			LIFE	**	5	\$1,700	
Gypsum Board	15%			LIFE	**	5-10	\$5,800	
Metal Panel	10%			LIFE	**	10	\$1,000	
Wood	5%			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.

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

NEW YORK PUBLIC LIBRARY - 035
KINGSBRIDGE BRANCH LIBRARY
Asset # : 14728

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

Interior

Ceilings

Exposed Concrete	5%			LIFE	**	5-10	\$1,300	
Gypsum Board	10%			LIFE	**	5-10	\$7,300	
Metal Panel	75%			LIFE	**	5	\$39,700	
Wood	10%			LIFE	**	5	\$37,100	

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

Location : Community Room, Childrens Story Room

Explanation : Suspended Wood Slat Ceiling

Site Enclosure

Fence/Gates

Iron Picket	100%	4+	\$1,000	2063	**			
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Broken/Missing Elements, Extent : Moderate, Area Affected : 5%

Location : Security Gate Does Not Operate At Main Entrance

Corrosion/Rusting, Extent : Light, Area Affected : 15%

Location : Fence Anchor Points At Shoes.

Retaining Walls

Cast in Place Concrete	50%			2072	**			
Masonry: Fieldstone	50%			2048	**			

Site Pavements

Public Sidewalk

Cast in Place Concrete	100%			2045	**			
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On-Site Walkways

Cast in Place Concrete	100%			2045	**			
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Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2048	**	5	\$100	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Main Service Switch Rated @ 800 Amperes

Switchgear / Switchboard

Fused Disc Sw	100%			2048	**	5	\$100	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Electrical Room

Explanation : 2- Vertical Sections

Raceway

Conduit	100%			2048	**	1		
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Panelboards

Fused Disc Sw	10%			2044	**	5		
Molded Case Bkrs	90%			2044	**	5	\$300	

Wiring

Thermoplastic	100%			2048	**	1		
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NEW YORK PUBLIC LIBRARY - 035
KINGSBRIDGE BRANCH LIBRARY
Asset # : 14728

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Motor Controllers								
	Locally Mounted	100%			2041	**	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$400	
Lighting									
	Interior Lighting								
	Fluorescent	70%			2033	**	10	\$8,000	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
	Fluorescent	30%			2033	**	10	\$3,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Compact Fluorescent Light Fixtures							
	Egress Lighting								
	Emergency, Battery	50%			2033	**	10	\$1,500	
	Exit, Service	50%			2033	**	1		
	Exterior Lighting								
	Fluorescent	20%			2033	**	10	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Main Entrance							
		Explanation : Compact Fluorescent Light Fixtures							
	HID	30%			2033	**	10		
	No Component	50%							
Alarm									
	Security System								
	No Component	20%							
	Generic	80%			2033	**	1	\$3,700	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Inside And Outside The Building							
		Explanation : CCTV Surveillance Cameras							
	Fire/Smoke Detection								
	Generic, Digital	100%			2033	**	1-3	\$7,700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns							

Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2054	* *	1		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

NEW YORK PUBLIC LIBRARY - 035
KINGSBRIDGE BRANCH LIBRARY
Asset # : 14728

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	100%			2033	**	1	\$6,200	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Roof						
			Explanation : 2 Roof Top Package Units						
Air Conditioning									
	Energy Source								
	Electricity	100%			2050	**	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	100%			2033	**	2	\$800	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Roof						
			Explanation : 2 Roof Top Package Units. R-410a						
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,000	
	Exhaust Fans								
	Roof	100%			2033	**	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2054	**	1		
	Water Heater								
	Electric	100%			2026	\$10,400	4	\$100	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Mechanical Room						
			Explanation : One Tank						
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Non-Submersible	100%			2033	**	4	\$300	
	Sewage Ejector(s)								
	Electric	100%			2033	**	4	\$500	
	Backflow Preventer								
	Generic	100%			2036	**	1	\$800	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : L-1st Floor						
			Explanation : One Unit						

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Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : KIPS BAY BRANCH LIBRARY
Address : 446 THIRD AVE. @ EAST 31ST ST.
Borough : MANHATTAN **Agency's Number** : K01
Program / Asset # : NPL0K01.000 / 13345 **Yr Built/Renovated** : 1972 / 1998
Area Sq Ft : 9,400 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 02-Jul-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 886 **Lot** : 51 **BIN** : 1018325

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$36,900	\$85,500
Electrical		\$126,500
Mechanical	\$192,000	\$62,700
Total	\$229,000	\$274,700
Importance Code A	\$105,700	\$85,500
Importance Code B	\$123,300	\$189,200
Total	\$229,000	\$274,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$48,500			
Interior Architecture	\$20,900	\$3,100		\$300
Electrical	\$1,000	\$500	\$500	\$800
Mechanical	\$32,500	\$1,400	\$2,600	\$1,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$106,800	\$8,900	\$7,100	\$6,100
Importance Code A	\$48,700	\$500	\$500	\$500
Importance Code B	\$58,100	\$8,500	\$6,700	\$5,600
Importance Code C				
Total	\$106,800	\$8,900	\$7,100	\$6,100



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
KIPS BAY BRANCH LIBRARY
Asset # : 13345

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Cast in Place Concrete	2%			LIFE	**	5	\$1,700		
Cast Stone/Terra Cotta	3%			LIFE	**	5	\$4,000		
Masonry: Brick	60%			LIFE	**	5	\$10,400		
Masonry: Brick	5%	Now	\$1,300	LIFE	**	5	\$900		
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%									
Location : West Facade									
Not Accessible	30%								
Windows									
Aluminum	35%	4+	\$36,900	2049	**	5	\$400		
Broken/Missing Elements, Extent : Light, Area Affected : 100%									
Location : Throughout									
Steel	65%	2-4	\$25,600	2023	\$85,500	5	\$10,100	2	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%									
Location : Throughout									
Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
Location : All Windows Are Single Pane									
Parapets									
Cast Stone/Terra Cotta	5%	2-4	\$1,100	LIFE	**	5	\$300		
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Copper/Terne	5%	2-4	\$1,100	2044	**	5	\$100		
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Loose/Miss Fasteners, Extent : Light, Area Affected : 20%									
Location : At Adjoining Building, Side And Rear Of Roof									
Masonry: Brick	85%	2-4	\$8,600	LIFE	**	5	\$700		
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Metal Rail	5%	2-4	\$100	2029	**	5	\$300		
Roof									
Metal Panel	5%	0-2	\$600	2037	**				
Broken/Missing Elements, Extent : Light, Area Affected : 10%									
Location : Throughout									
Modified Bitumen	95%			2029	**	10	\$10,000		

Interior

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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NEW YORK PUBLIC LIBRARY - 035
KIPS BAY BRANCH LIBRARY
Asset # : 13345

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								
Floors								
Carpet	50%			2026	\$58,500	3	\$6,800	
	Recent Installation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Cast in Place Concrete	7%	2-4	\$300	LIFE	**	5	\$1,400	
	Cracking/Crumbling, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Ceramic Tile	5%	2-4	\$900	2033	**	5	\$200	
	Cracking/Crumbling, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Panel/Paver: Cer/Brk	8%			2040	**	5	\$1,600	
Sheet Vinyl/Rubber	2%			2029	**	5	\$300	
Vinyl Tile	25%	Now	\$19,500	2034	**	3	\$800	
	Worn/Eroded, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
Vinyl Tile	3%			2024	\$2,300	3	\$100	
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$200	
Concrete Masonry Unit	90%			LIFE	**	5	\$1,100	
Masonry: Brick	5%			LIFE	**			
Ceilings								
Exposed Concrete	100%			LIFE	**	5	\$1,500	

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2034	* *	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 400 Amperes Main Disconnect Switch							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2034	* *	5	\$200	
	Raceway								
	Conduit	95%			2034	* *	1		
	Conduit	5%			2054	* *	1		
	Panelboards								
	Fused Disc Sw	10%			2032	* *	5		
	Molded Case Bkrs	90%			2032	* *	5	\$200	
	Wiring								
	Thermoplastic	95%			2034	* *	1		
	Thermoplastic	5%			2054	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2029	* *	5	\$100	

Ground

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NEW YORK PUBLIC LIBRARY - 035
KIPS BAY BRANCH LIBRARY
Asset # : 13345

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	95%			2024	\$90,600	10	\$8,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	5%			2024	\$4,800	2		
Egress Lighting								
Emergency, Battery	50%			2024	\$6,400	10	\$1,100	
Exit, Service	50%			2024	\$700	1		
Exterior Lighting								
HID	100%			2024	\$36,000	10		
Alarm								
Fire/Smoke Detection								
Generic	100%			2034	**	1-3	\$6,000	
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		
Conversion Equipment								
Hot Water Boiler	100%	0-2	\$68,800	2044	**	1	\$4,200	
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : One Unit, Basement</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2032	**	4	\$700	
Terminal Devices								
Air Handler	50%			2024	\$62,700	1	\$2,900	
Convactor/Radiator	50%			2037	**	1	\$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	65%	0-2	\$123,300	2029	**	2	\$300	
<i>Damaged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Exterior Pkg Unit - Cooling	35%			2024	\$25,300	2	\$200	

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

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NEW YORK PUBLIC LIBRARY - 035
KIPS BAY BRANCH LIBRARY
Asset # : 13345

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Heat Rejection								
	Dry Cooler	65%	0-2	\$31,500	2034	* *	2	\$3,400	
		Corroded, Extent : Severe, Area Affected : 100%							
		Location : Roof							
	No Component	35%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,200	
	Exhaust Fans								
	Interior	70%			2024	\$22,200	2	\$200	
	Roof	30%	Now	\$400	2024	\$4,400	2	\$100	
		Unit Inoperable, Extent : Moderate, Area Affected : 10%							
		Location : Roof, Serves Bathrooms - One Unit Is Removed							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2037	* *	1		
	Water Heater								
	Gas Fired	100%			2023	\$5,400	2	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2024	\$1,400	4	\$300	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1-2							
		Explanation : 1 Unit							
Fire Suppression									
	Sprinkler								
	No Component	85%							
	Generic	15%			2044	* *	1-2	\$400	

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

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : LIBRARY FOR THE PERFORMING ARTS LINCOLN CENTER
Address : 40 LINCOLN CENTER PLAZA 111 AMSTERDAM AVE.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : NPL0003.000 / 1926 **Yr Built/Renovated** : 1964 / 2002
Area Sq Ft : 138,384 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 01-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors LL,M,1,2,3
Block : 1134 **Lot** : 25 **BIN** : 1028832

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$2,423,400	\$402,100
Interior Architecture	\$565,500	\$412,300
Electrical	\$82,500	\$802,300
Total	\$3,071,300	\$1,616,700
Importance Code A	\$2,423,400	\$402,100
Importance Code B	\$580,900	\$1,214,600
Importance Code C	\$67,000	
Total	\$3,071,300	\$1,616,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$23,400			\$1,400
Interior Architecture	\$205,500	\$9,200	\$9,100	\$46,200
Electrical	\$6,800	\$1,800	\$1,800	\$18,700
Mechanical	\$28,600	\$23,000	\$33,900	\$38,500
Elevators/Escalators	\$19,700	\$19,700	\$19,700	\$19,700
Total	\$284,000	\$53,700	\$64,500	\$124,600
Importance Code A	\$26,800	\$3,400	\$5,500	\$5,100
Importance Code B	\$257,200	\$50,300	\$59,100	\$119,500
Importance Code C				
Total	\$284,000	\$53,700	\$64,500	\$124,600



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 - 035
LIBRARY FOR THE PERFORMING ARTS LINCOLN CENTER
Asset # : 1926

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Travertine	55%	0-2	\$754,100	LIFE	**				
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
	Location : Throughout								
Pre-Cast Concrete	10%	Now	\$83,000	LIFE	**	5	\$80,500		
	Vertical Cracks, Extent : Moderate, Area Affected : 10%								
	Location : Throughout Bulkhead								
Window Wall	35%			2047	**	5	\$325,200		
Windows									
Aluminum	100%			2043	**	5	\$3,900		
Parapets									
Masonry: Travertine	5%			LIFE	**				
Metal Panel	5%			2047	**	5	\$2,900		
Metal Rail	90%			2040	**	5-10	\$240,700		
Roof									
Modified Bitumen	82%	0-2	\$23,400	2022	\$1,170,100				
	Alligatoring, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Blisters, Extent : Moderate, Area Affected : 20%								
	Location : Around Bulkhead And Throughout								
	Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%								
	Location : Around Auditorium								
	Ponding, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
Plaza Roof: Stone Panels	10%	Now	\$107,500	2047	**				
	Water Penetration, Extent : Moderate, Area Affected : 15%								
	Location : 1st Floor Plaza Deck (Off Cafeteria) Leaking Into (3) Mezzanine Locations								
Skylight, Metal/Glass	8%			2047	**	10	\$64,500		

Interior

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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NEW YORK PUBLIC LIBRARY - 035
LIBRARY FOR THE PERFORMING ARTS LINCOLN CENTER
Asset # : 1926

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									
Floors									
Carpet	30%	4+	\$152,500	2026	\$762,600	3	\$88,500		
	Worn/Eroded, Extent : Light, Area Affected : 25%								
	Location : Throughout All Floors								
Carpet	5%			2028	\$127,100	3	\$19,700		
	Recent Installation, Extent : Light, Area Affected : 100%								
	Location : Auditorium								
Cast in Place Concrete	5%			LIFE	**	5	\$21,500		
Ceramic Tile	5%			2036	**	5	\$9,800		
Terrazzo	25%	0-2	\$231,500	LIFE	**	5	\$38,400		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Main Stairs								
	Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
	Location : 3rd Floor Corridor								
Vinyl Tile	17%			2027	\$287,900	3	\$12,500		
Vinyl Tile 9" X 9"	8%	Now	\$17,500	2022	\$175,500	3	\$5,900		
	Broken/Missing Elements, Extent : Light, Area Affected : 15%								
	Location : Mezzanine Level And Third Floor Stacks								
Wood	5%			2055	**	5	\$18,400		
Interior Walls									
Cast in Place Concrete	10%	Now	\$67,000	LIFE	**				
	Water Penetration, Extent : Severe, Area Affected : 2%								
	Location : Cellar Near Incoming Electrical Cables								
Concrete Masonry Unit	10%			LIFE	**	5	\$4,200		
Gypsum Board	15%			LIFE	**	5	\$9,400		
Metal Panel	5%			LIFE	**				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Auditorium								
	Explanation : Wood And Metal Framed Panels								
Travertine Panels	15%			LIFE	**				
Plaster	45%			LIFE	**	5	\$14,100		
Ceilings									
AcousTileConcealSpLn	35%	Now	\$11,300	2032	**	5	\$43,000		
	Water Penetration, Extent : Moderate, Area Affected : 2%								
	Location : Amsterdam Vestibule/ Lobby Area								
AcousTileSusp.Lay-In	10%			2032	**	5	\$19,700		
Exposed Concrete	15%	Now	\$19,200	LIFE	**	5	\$4,600		
	Water Penetration, Extent : Moderate, Area Affected : 5%								
	Location : Cellar Hallway								
Gypsum Board	5%			LIFE	**	5	\$12,300		
Plaster	35%	Now	\$91,500	LIFE	**	5	\$43,000		
	Water Penetration, Extent : Severe, Area Affected : 5%								
	Location : Storage Area Behind Projection Room								

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

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

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

NEW YORK PUBLIC LIBRARY - 035
LIBRARY FOR THE PERFORMING ARTS LINCOLN CENTER
Asset # : 1926

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	75%			2027	\$15,800	5	\$400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Three 5000 Amperes Main Disconnect Switch							
	Fused Disc Sw	25%			2053	**	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 4000 Amperes Main Disconnect Switch							
Transformers									
	Dry Type	70%			2040	**	5	\$400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Two - 300 Kva 480/277hv-208/120lv							
	Dry Type	30%			2044	**	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 750 Kva 480/277hv-208/120lv							
Switchgear / Switchboard									
	Fused Disc Sw	80%			2027	\$65,700	5	\$500	
	Fused Disc Sw	10%			2053	**	5	\$100	
	Molded Case Bkrs	10%			2053	**	5	\$400	
Raceway									
	Conduit	20%			2053	**	1		
	Conduit	80%			2027	\$67,300	1		
Panelboards									
	Molded Case Bkrs	30%			2026	\$15,900	5	\$1,100	
	Molded Case Bkrs	70%			2049	**	5	\$2,600	
Wiring									
	Braided Cloth	5%	Now	\$4,100	2052	**	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Thermoplastic	30%			2053	**	1		
	Thermoplastic	65%			2027	\$53,800	1		
Motor Controllers									
	Locally Mounted	40%			2032	**	5	\$400	
	Variable Frequency Drive	60%			2044	**			
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$2,000	
Lighting									

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NEW YORK PUBLIC LIBRARY - 035
LIBRARY FOR THE PERFORMING ARTS LINCOLN CENTER
Asset # : 1926

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
Interior Lighting	Fluorescent	55%			2032	* *	10	\$69,800	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
	Fluorescent	20%			2035	* *	10	\$25,400	
		T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
	Fluorescent	5%			2027	\$70,200	10	\$6,300	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Basement							
Fluorescent		10%			2032	* *	10	\$12,700	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
	Incandescent	10%			2032	* *	2	\$300	
Egress Lighting									
	Emergency, Battery	50%			2032	* *	10	\$16,700	
	Exit, LED	50%			2055	* *	1		
Exterior Lighting									
	HID	100%			2027	\$529,400	10	\$400	
Alarm									
Security System									
	No Component	90%							
	Generic	10%			2032	* *	1	\$5,200	
Fire/Smoke Detection									
	No Component	90%							
	Generic, Digital	10%			2032	* *	1-3	\$8,500	

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Energy Source	Utility Steam	100%			2047	* *	1		
Conversion Equipment	Heat Exchanger, Plate & Frame	50%			2036	* *	1	\$34,200	
	Other Observation, Extent : Light, Area Affected : 100% Location : Lincoln Center Explanation : Equipment Is Located Outside The Library								
Pres. Reducing Valve/LP Steam		50%			2036	* *	5	\$4,100	
	Other Observation, Extent : Light, Area Affected : 100% Location : Lincoln Center Explanation : Equipment Is Located Outside The Library								

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

NEW YORK PUBLIC LIBRARY - 035
LIBRARY FOR THE PERFORMING ARTS LINCOLN CENTER
Asset # : 1926

Mechanical		Current Repair		Future Replacement		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	30%			2043	**	4	\$3,100	
	Central Plant Steam Piping/Pmp	70%			2047	**	4	\$7,200	
Air Conditioning									
	Energy Source								
	District C.W.	100%			2047	**	1		
	Distribution								
	CW & CHW Wtr Pipe/Pump	100%			2047	**	4	\$10,200	
	Terminal Devices								
	Air Handler/Cool/Ht	100%			2032	**	1	\$85,600	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$77,200	
	Exhaust Fans								
	Interior	100%			2032	**	2	\$4,200	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2032	**	1		
	HW Heat Exchanger								
	HTHW/HW	100%			2047	**			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Lincoln Center								
	Explanation : Equipment Is Located Outside The Library								
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sewage Ejector(s)								
	Compressed Air	100%			2047	**	4	\$2,100	
	Backflow Preventer								
	Generic	100%			2032	**	1	\$8,500	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement : 3rd Floor								
	Explanation : 4 Units								
Fire Suppression									
	Standpipe								
	Generic	100%			2047	**	1-5	\$69,800	
	Sprinkler								
	No Component	40%							
	Generic	60%			2047	**	1-2	\$23,300	

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NEW YORK PUBLIC LIBRARY - 035
LIBRARY FOR THE PERFORMING ARTS LINCOLN CENTER
Asset # : 1926

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression	Fire Pump								
	Generic	100%			2036	* *	1	\$25,800	
Other Observation, Extent : Light, Area 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.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : MARINERS HARBOR BRANCH LIBRARY
Address : 206 SOUTH AVENUE
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : NPL0M07.000 / 14744 **Yr Built/Renovated** : 2013 /
Area Sq Ft : 9,420 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 27-May-2014 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1266 **Lot** : 64 **BIN** : 5109138

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$125,200
Total		\$125,200
Importance Code A		\$125,200
Total		\$125,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$31,800		
Interior Architecture		\$9,000		
Electrical	\$600	\$1,100	\$600	\$600
Mechanical	\$2,400	\$1,500	\$3,100	\$1,500
Total	\$3,000	\$43,500	\$3,800	\$2,200
Importance Code A		\$32,500		\$600
Importance Code B	\$3,000	\$11,000	\$3,800	\$1,600
Importance Code C				
Total	\$3,000	\$43,500	\$3,800	\$2,200



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

NEW YORK PUBLIC LIBRARY - 035
MARINERS HARBOR BRANCH LIBRARY
Asset # : 14744

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

Exterior

Exterior Walls

Metal/Glass Curt Wall	35%	LIFE	* *	5	\$17,200
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout Front And Rear Facades**Explanation : Sun Control Surfacing*

Metal Panel	65%	2055	* *	5-10	\$116,800
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout**Explanation : Zinc Sheet Matal*

Roof

Metal Panel	80%	2045	* *	10	\$40,200
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Skylight, Metal/Glass	20%	2055	* *	10	\$18,300
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout**Explanation : With Light Control Louvers*

Interior

Floors

Cast in Place Concrete	15%	LIFE	* *	5	\$4,600
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout**Explanation : Polished Surface With Embedded Decorative Shells*

Sheet Vinyl/Rubber	85%	2035	* *	5	\$18,000
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout**Explanation : This Is Actually Linoleum*

Interior Walls

Glass: Special Gauge	50%	LIFE	* *	1	
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Gypsum Board	50%	LIFE	* *	5	\$1,900
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Ceilings

Glass: Susp Panels	15%	LIFE	* *		
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Gypsum Board	85%	LIFE	* *	5	\$13,200
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Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Under 600 Volts

Service Equipment

Fused Disc Sw	100%	2055	* *	5	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : 600 Amperes*

Switchgear / Switchboard

Molded Case Bkrs	100%	2055	* *	5	\$200
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Raceway

Conduit	100%	2055	* *	1	
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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
MARINERS HARBOR BRANCH LIBRARY
Asset # : 14744

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Molded Case Bkrs	100%			2050	* *	5	\$200	
Wiring									
	Thermoplastic	100%			2055	* *	1		
Ground									
Grounding Devices									
	Not Accessible	100%							
Lighting									
Interior Lighting									
	Fluorescent	55%			2035	* *	10	\$4,800	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Fluorescent	10%			2035	* *	10	\$900	
Other Observation, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Explanation : Compact Fluorescent									
	LED	35%			2035	* *			
Egress Lighting									
	Exit, LED	100%			2065	* *	1		
Exterior Lighting									
	LED	100%			2035	* *			
Alarm									
Security System									
	No Component	70%							
	Generic	30%			2035	* *	1	\$1,100	
Fire/Smoke Detection									
	Generic, Digital	100%			2035	* *	1-3	\$5,800	

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2055	* *	1		
	Conversion Equipment								
	Heat Pump Air Sourced	100%			2030	* *	2	\$2,900	
		Recent Installation, Extent : Light, Area Affected : 100% Location : Outside Of Building At Ground Level							
	Terminal Devices								
	Convector/Radiator	10%			2045	* *	1	\$300	
		Recent Installation, Extent : Light, Area Affected : 100% Location : Near Front Entrance							
	Fan Coil Unit/Heat	90%			2035	* *	1	\$2,700	
		Recent Installation, Extent : Light, Area Affected : 100% Location : First Floor Ceiling							
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.*

NEW YORK PUBLIC LIBRARY - 035
MARINERS HARBOR BRANCH LIBRARY
Asset # : 14744

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning	Energy Source								
	Electricity	100%			2050	**	1		
				Recent Installation, Extent : Light, Area Affected : 100%					
				Location : Outside Of The Building At Ground Floor Level					
Conversion Equipment	Heat Pump Air Sourced	100%			2030	**	2	\$600	
				Recent Installation, Extent : Light, Area Affected : 100%					
				Location : Outside Of The Building At Ground Floor Level					
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Outside Of The Building At Ground Floor Level					
				Explanation : Refrigerant R-410a					
Terminal Devices	Fan Coil - 4 Pipe	100%			2035	**	1	\$3,000	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : First Floor Ceiling					
				Explanation : New Installation					
Heat Rejection	Air Cooled Condenser Unit	100%			2035	**	2	\$6,600	
				Recent Installation, Extent : Light, Area Affected : 100%					
				Location : Outside Of Building, Ground Level					
Ventilation	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,300	
Exhaust Fans	Interior	100%			2035	**	2	\$300	
Plumbing	H/C Water Piping								
	Brass/Copper	100%			2055	**	1		
Water Heater	Electric	100%			2025	\$7,900	4	\$100	
				Recent Installation, Extent : Light, Area Affected : 100%					
				Location : First Floor					
Sanitary Piping	Cast Iron	100%			LIFE	**	1		
Storm Drain Piping	Cast Iron	100%			LIFE	**	1		
Backflow Preventer	Generic	100%			2035	**	1	\$600	
Fixtures	Generic	100%							
Fire Suppression	Sprinkler								
	Generic	100%			2055	**	1-2	\$2,600	
				Recent Installation, Extent : Light, Area Affected : 5%					
				Location : First Floor					

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

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : MELROSE BRANCH LIBRARY
Address : 910 MORRIS AVE. @E. 162 STREET
Borough : BRONX **Agency's Number** : M01
Program / Asset # : NPL0M01.000 / 13346 **Yr Built/Renovated** : 1914 / 2007
Area Sq Ft : 9,927 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 21-Mar-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Sub Basement, Roof, Floors 1,2
Block : 2422 **Lot** : 1 **BIN** : 2001950

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$145,800	\$73,500
Interior Architecture		\$88,300
Mechanical	\$43,600	\$281,700
Total	\$189,400	\$443,500
Importance Code A	\$189,400	\$73,500
Importance Code B		\$370,000
Total	\$189,400	\$443,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$75,700			\$1,400
Interior Architecture	\$19,000	\$100	\$1,700	\$3,700
Electrical	\$20,000	\$200	\$300	\$3,900
Mechanical	\$9,800	\$800	\$4,700	\$800
Total	\$124,500	\$1,100	\$6,700	\$9,800
Importance Code A	\$75,700	\$500	\$500	\$1,900
Importance Code B	\$38,400	\$600	\$6,200	\$7,900
Importance Code C	\$10,400			
Total	\$124,500	\$1,100	\$6,700	\$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.

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
MELROSE BRANCH LIBRARY
Asset # : 13346

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	97%			LIFE	* *	5	\$25,600	
	Masonry: Limestone	3%	Now	\$4,400	LIFE	* *	5	\$600	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
	Location : Window Sills								
Windows									
	Aluminum	85%	2-4	\$145,800	2052	* *	5	\$1,700	
	Other Observation, Extent : Moderate, Area Affected : 15%								
	Location : Windows								
	Explanation : Thermally Inefficient								
	Metal Louvers	5%			2036	* *	10	\$1,300	
	Steel	10%	2-4	\$21,400	2052	* *	5	\$2,500	
	Corrosion/Rusting, Extent : Light, Area Affected : 15%								
	Location : Stairs								
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
	Location : Stairs								
	Thermally Inefficient, Extent : Severe, Area Affected : 100%								
	Location : Stairs								
Parapets									
	Masonry: Brick	78%	Now	\$28,200	LIFE	* *	5	\$2,400	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
	Location : North Facade, South Facade								
	Spalling, Extent : Moderate, Area Affected : 25%								
	Location : South Facade, North Facade								
	Masonry: Limestone	10%			LIFE	* *	5	\$400	
	Metal: Cage/Fence	10%			2032	* *	5-10	\$2,400	
	Slate	2%	Now	\$7,100	LIFE	* *	5	\$100	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
	Location : Lower Roof At Rear Of Library								
	Miss/Damaged Copings, Extent : Severe, Area Affected : 100%								
	Location : Lower Roof At Rear Of Library								
Roof									
	Modified Bitumen	98%	Now	\$14,700	2027		\$73,500		1
	Blisters, Extent : Light, Area Affected : 15%								
	Location : Main Roof								
	Miss/Damaged Flashings, Extent : Severe, Area Affected : 20%								
	Location : Main Roof And Stair Bulkhead Roof								
	Ponding, Extent : Severe, Area Affected : 10%								
	Location : Stair Bulkhead								
	Seams Open/Split, Extent : Light, Area Affected : 2%								
	Location : Stair Bulkhead Roof								
	Skylight, Metal/Glass	2%			2047	* *	10	\$800	

Interior

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

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

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

NEW YORK PUBLIC LIBRARY - 035
MELROSE BRANCH LIBRARY
Asset # : 13346

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								
Floors								
Carpet	1%			2026	\$1,900	3	\$200	
Cast in Place Concrete	25%	0-2	\$800	LIFE	* *	5	\$8,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room In Sub-basement								
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room In Sub-basement								
Ceramic Tile	5%			2036	* *	5	\$700	
Vinyl Tile	69%			2027	\$88,300	3	\$3,800	
Interior Walls								
Ceramic Tile	5%	Now	\$800	2036	* *	5	\$700	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Bathroom In Basement								
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,100	
Plaster	85%	Now	\$9,600	LIFE	* *	5	\$7,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Stair Bulkhead At Roof								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Interior Of Stair Bulkheadat Roof Level								
Ceilings								
AcousTile,Adhered	50%			2032	* *	5	\$7,400	
AcousTileConcealSpLn	20%			2044	* *	5	\$3,700	
Plaster	30%	Now	\$5,900	LIFE	* *	5	\$2,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Sub-basement								
Water Penetration, Extent : Severe, Area Affected : 1%								
Location : Stair Bulkead Ceiling								

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2037	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Electrical Service Rated At 200a.								
Switchgear / Switchboard								
Molded Case Bkrs	100%	2-4	\$19,600	2057	* *	5	\$100	
Enclosure Corroded, Extent : Light, Area Affected : 100%								
Location : Basement								
Raceway								
Conduit	90%			2047	* *	1		
Conduit	10%			2027	\$3,200	1		

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NEW YORK PUBLIC LIBRARY - 035
MELROSE BRANCH LIBRARY
Asset # : 13346

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	60%			2026	\$9,100	5	\$200	
Molded Case Bkrs	40%			2026	\$6,100	5	\$100	
<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Staircase</i>								
Wiring								
Braided Cloth	75%			2043	* *	1		
<i>Insulation Aged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	25%	2-4	\$100	2027	\$7,000	1		
<i>Insulation Aged, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Motor Controllers								
Locally Mounted	100%			2032	* *	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Water Main Was Located In A Crawl Space Used For Storage.</i>								
Lighting								
Interior Lighting								
Fluorescent	58%			2035	* *	10	\$5,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T8 Lamps</i>								
Incandescent	2%			2022	\$2,000	2		
LED	40%			2035	* *			
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	\$1,200	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
Incandescent	5%			2022	\$1,600	2		
No Component	95%							
Alarm								
Security System								
No Component	50%							
Generic	50%			2027	\$15,200	1	\$1,900	

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2047	* *	1		

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NEW YORK PUBLIC LIBRARY - 035
MELROSE BRANCH LIBRARY
Asset # : 13346

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Hot Water Boiler	100%	2-4	\$43,600	2040	**	1	\$4,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Cellar							
		Explanation : Frequent Repairs Needed							
	Distribution								
	Hot Wtr Piping/Pump	100%			2035	**	4	\$700	
	Terminal Devices								
	Convactor/Radiator	100%			2040	**	1	\$3,200	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Interior Pkg Unit - Cooling	80%			2025	\$281,700	2	\$500	
	Window/Wall Unit	5%			2025	\$1,000	1		
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : 2nd Floor Lounge							
		Explanation : Window Unit							
	No Component	15%							
	Distribution								
	Ductwork/Diffusers	95%			LIFE	**	2	\$12,300	
		Not Insulated, Extent : Moderate, Area Affected : 100%							
		Location : 1st Floor And Basement							
	No Component	5%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	80%			LIFE	**	2-5	\$4,400	
	No Component	20%							
	Exhaust Fans								
	Interior	80%	Now	\$2,700	2035	**	2	\$200	
		Broken, Extent : Moderate, Area Affected : 100%							
		Location : Basement Bathrooms							
	No Component	20%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	30%			2047	**	1		
	Galvanized Steel	70%			2032	**	1		
	Water Heater								
	Gas Fired	100%	0-2	\$5,700	2027	\$5,700	2	\$100	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Basement, Boiler							
		Explanation : Bottom Rusted Due To Cellar Flooding. 40 Gallons							
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		

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NEW YORK PUBLIC LIBRARY - 035
MELROSE BRANCH LIBRARY
Asset # : 13346

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sump Pump(s)								
	Non-Submersible	100%	Now	\$700	2037	* *	4	\$200	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : Cellar							
		On Extended Life, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Backflow Preventer								
	No Component	50%							
	Generic	50%			2035	* *	1	\$300	
Fixtures									
	Generic	100%							
		Leaking Connections, Extent : Light, Area Affected : 20%							
		Location : Bathroom Sinks							
Vertical Transport									
	Elevators								
	Geared Traction	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement To 1st Floor							
		Explanation : Book Lift - 200 Lbs Capacity							

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$107,700	\$269,600
Interior Architecture	\$572,500	\$508,700
Electrical	\$206,400	\$2,310,500
Mechanical	\$7,954,600	\$4,723,900
Total	\$8,841,200	\$7,812,700
Importance Code A	\$145,200	\$370,100
Importance Code B	\$8,605,600	\$7,379,200
Importance Code C	\$90,400	\$63,400
Total	\$8,841,200	\$7,812,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$30,100	\$5,100	
Interior Architecture	\$496,700		\$32,300	\$62,200
Electrical	\$6,900	\$5,700	\$6,900	\$5,700
Mechanical	\$89,400	\$76,800	\$88,900	\$35,500
Elevators/Escalators	\$37,900	\$37,900	\$37,900	\$37,900
Total	\$631,000	\$150,500	\$171,100	\$141,300
Importance Code A		\$30,100	\$5,100	
Importance Code B	\$624,000	\$120,400	\$166,000	\$141,300
Importance Code C	\$7,000			
Total	\$631,000	\$150,500	\$171,100	\$141,300



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 Estimates are rounded to the nearest hundred dollars.

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

NEW YORK PUBLIC LIBRARY - 035
MID-MANHATTAN BRANCH LIBRARY
Asset # : 4226

Architecture		Current Repair			Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior										
Exterior Walls	Copper/Terne	5%			2060	* *	10	\$14,000		
		Recent Repair Evident, Extent : Light, Area Affected : 66%								
		Location : Throughout								
	Masonry: Brick	25%			LIFE	* *	5	\$29,800		
		Recent Repair Evident, Extent : Light, Area Affected : 66%								
		Location : Throughout								
	Masonry: Limestone	60%			LIFE	* *	5	\$53,700		
	Granite Panels	5%			LIFE	* *	5	\$4,500		
		Recent Repair Evident, Extent : Light, Area Affected : 66%								
		Location : Throughout								
	Window Wall	5%			2045	* *	5	\$22,400		
Windows										
	Aluminum	30%			2041	* *	5	\$10,200		
	Metal Clad	70%	0-2	\$62,900	2033	* *	5	\$74,600		
		Corrosion/Rusting, Extent : Moderate, Area Affected : 1%								
		Location : Bulkheads, Floors 3, 4, 5, 6								
		Deformed/Dented, Extent : Moderate, Area Affected : 1%								
		Location : Bulkheads								
		Unit Inoperable, Extent : Moderate, Area Affected : 1%								
		Location : Bulkheads, Floors 3, 4, 5, 6								
	Parapets									
		Copper/Terne	38%			2045	* *	5	\$7,900	
Copper/Terne		10%			2060	* *	5	\$2,100		
Masonry: Brick		50%			LIFE	* *	5	\$2,100		
		Spalling, Extent : Light, Area Affected : 10%								
		Location : Interior Face								
Masonry: Limestone		2%			LIFE	* *	5	\$100		
Roof										
Modified Bitumen		95%			2030	* *	10	\$44,800		
Skylight, Metal/Glass		2%			2025	\$141,300	10	\$3,100		
		Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout									
	Explanation : 4									
	Skylight, Plastic	3%			2038	* *	1			
		Other Observation, Extent : Light, Area Affected : 100%								
		Location : Throughout								
		Explanation : 1								

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

NEW YORK PUBLIC LIBRARY - 035
MID-MANHATTAN BRANCH LIBRARY
Asset # : 4226

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									
Floors									
	Carpet	47%	Now	\$436,300	2024	\$1,454,300	3	\$168,700	
		Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
	Cast in Place Concrete	10%	Now	\$12,600	LIFE	**	5	\$52,300	
		Water Penetration, Extent : Severe, Area Affected : 10%							
		Location : Mechanical Space At Penthouse							
		Other Observation, Extent : Severe, Area Affected : 50%							
		Location : Mechanical Space At Penthouse							
		Explanation : Water From Mechanical Equipment Is On Floor							
	Ceramic Tile	5%	0-2	\$70,500	2034	**	5	\$6,000	
		Cracking/Crumbling, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
	Panel/Paver: Cer/Brk	12%			2041	**	5	\$64,600	
	Marble Panels	3%			LIFE	**	5	\$5,400	
	Vinyl Tile	15%			2025	\$309,200	3	\$17,900	
	Vinyl Tile	5%	Now	\$103,100	2035	**	3	\$4,500	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : 6th Floor							
		Water Penetration, Extent : Moderate, Area Affected : 25%							
		Location : 6th Floor							
	Wood	3%	Now	\$239,900	2065	**	5	\$6,700	
		Deteriorated Finish, Extent : Moderate, Area Affected : 100%							
		Location : Penthouses							
		Dry Rot/Decay, Extent : Moderate, Area Affected : 15%							
		Location : Penthouses							
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : Penthouses							
Interior Walls									
	Ceramic Tile	5%			2034	**	5	\$13,900	
	Concrete Masonry Unit	10%			LIFE	**	5	\$11,100	
	Glass: Single Pane	2%			LIFE	**	5	\$4,200	
	Gypsum Board	38%			LIFE	**	5	\$63,400	
	Masonry: Brick	10%			LIFE	**			
	Plaster	10%	Now	\$90,400	LIFE	**	5	\$8,300	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 35%							
		Location : Penthouses							
		Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
		Location : Penthouse							
	Plaster	25%			LIFE	**	5	\$20,900	

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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
MID-MANHATTAN BRANCH LIBRARY
Asset # : 4226

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

Ceilings

AcousTileSusp.Lay-In	70%	0-2	\$68,600	2038	* *	5	\$83,800
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Cracking/Crumbling, Extent : Light, Area Affected : 10%
Location : Throughout

Exposed Concrete	10%	Now	\$15,600	LIFE	* *	5	\$3,700
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Cracking/Crumbling, Extent : Moderate, Area Affected : 10%
Location : Penthouse
Exposed Reinforcement, Extent : Severe, Area Affected : 10%
Location : Penthouse

Gypsum Board	10%	0-2	\$4,900	LIFE	* *	5	\$29,900
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Water Penetration, Extent : Light, Area Affected : 5%
Location : Throughout

Plaster	10%	Now	\$15,900	LIFE	* *	5	\$15,000
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Broken/Missing Elements, Extent : Moderate, Area Affected : 10%
Location : Penthouses
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%
Location : Stairs

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%	2-4	\$37,500	2055	* *	5	\$300
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On Extended Life, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

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

Location : Electrical Room

Explanation : Two Electrical Services Rated @ 4000 Amperes And 2000 Amperes

Switchgear / Switchboard

Fused Disc Sw	80%	2-4	\$79,200	2055	* *	5	\$300
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On Extended Life, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Fused Disc Sw	20%			2025	\$19,800	5	\$100
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Raceway

Conduit	20%			2035	* *	1	
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Conduit	80%			2025	\$91,300	1	
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Panelboards

Fused Disc Sw	5%			2024	\$3,400	5	\$200
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Molded Case Bkrs	40%			2033	* *	5	\$1,700
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Molded Case Bkrs	55%			2024	\$37,500	5	\$2,300
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Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
MID-MANHATTAN BRANCH LIBRARY
Asset # : 4226

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	40%	2-4	\$45,800	2050	* *	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	30%			2035	* *	1		
Thermoplastic	30%			2025	\$34,300	1		
Motor Controllers								
Locally Mounted	69%			2023	\$169,000	5	\$700	
Motor Control Center	30%			2023	\$18,100	5	\$1,300	
Variable Frequency Drive	1%			2045	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$2,300	
Lighting								
Interior Lighting								
Fluorescent	70%			2025	\$1,135,200	10	\$102,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-8 Lamps</i>								
Fluorescent	10%			2030	* *	10	\$14,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Compact Fluorescent Lamps</i>								
Fluorescent	20%			2030	* *	10	\$29,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 5th Floor</i>								
<i>Explanation : Using T-8 Lamps</i>								
Egress Lighting								
Emergency, Battery	50%			2025	\$109,200	10	\$19,300	
Exit, LED	5%			2053	* *	1		
Exit, Service	45%			2025	\$10,400	1		
Exterior Lighting								
HID	100%			2025	\$611,700	10	\$500	
Alarm								
Security System								
No Component	65%							
Generic	35%			2030	* *	1	\$20,900	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2030	* *	1-3	\$39,400	

Mechanical		Current Repair		Future Replacement		Maintenance		
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.

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

NEW YORK PUBLIC LIBRARY - 035
MID-MANHATTAN BRANCH LIBRARY
Asset # : 4226

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Utility Steam	100%			2035	**	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : From Con Edison							
Conversion Equipment									
	Pres. Reducing Valve/LP Steam	100%			2028	\$100,500	5	\$9,500	
		Other Observation, Extent : Light, Area Affected : 40%							
		Location : Basement							
		Explanation : 1 Very Old Heat Exchanger							
Distribution									
	Hot Wtr Piping/Pump	40%			2024	\$94,600	4	\$4,700	
	Central Plant Steam Piping/Pmp	60%			2025	\$1,540,400	4	\$4,700	
Terminal Devices									
	Air Handler	60%	Now	\$25,600	2020	\$1,279,800	1	\$53,400	
		Leak Evident, Extent : Moderate, Area Affected : 5%							
		Location : Leaking From Drip Pan							
		On Extended Life, Extent : Severe, Area Affected : 60%							
		Location : Various Areas							
	Convactor/Radiator	25%			2023	\$203,000	1	\$12,900	
	Fan Coil Unit/Heat	15%			2020	\$340,800	1	\$7,800	
Air Conditioning									
	Energy Source								
	Utility Steam	70%			2035	**	1		
	Electricity	30%			2033	**	1		
Conversion Equipment									
	Absorption Chiller/Steam/HW	70%			2021	\$2,507,800	1	\$121,100	
		Other Observation, Extent : Light, Area Affected : 70%							
		Location : Basement							
		Explanation : 3 Units							
	Split Unit	30%			2020	\$971,500			
		R-22 Refrigerant, Extent : Light, Area Affected : 30%							
		Location : Basement							
Distribution									
	CW & CHW Wtr Pipe/Pump	70%			2025	\$129,500	4	\$5,500	
	No Component	30%							
Terminal Devices									
	Air Handler/Cool/Ht	70%			2020	\$1,190,900	1	\$69,200	
	Fan Coil - 2 Pipe	30%			2020	\$865,800	1	\$15,500	
Heat Rejection									
	Water Cooling Tower	100%			2029	**	2	\$160,900	

Ventilation

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

Estimates are rounded to the nearest hundred dollars.

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
MID-MANHATTAN BRANCH LIBRARY
Asset # : 4226

Mechanical		Current Repair			Future Replacement		Maintenance		
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	\$89,200	
Exhaust Fans									
	Interior	95%			2020	\$512,700	2	\$4,700	
	Roof	5%			2020	\$12,600	2	\$200	
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2025	\$1,130,800	1		
On Extended Life, Extent : Severe, Area Affected : 5%									
Location : Circulating Pump									
HW Heat Exchanger									
	Steam Fired	100%	0-2	\$241,600	2055	* *	4	\$15,800	
Corroded, Extent : Severe, Area Affected : 40%									
Location : Basement									
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Non-Submersible	100%			2025	\$23,100	4	\$3,400	
Sewage Ejector(s)									
	Electric	100%			2020	\$43,700	4	\$9,500	
Fixtures									
	Generic	100%							
Vertical Transport									
Elevators									
	Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%									
Location : B-6									
Explanation : 4 Passenger Elevators									
	Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%									
Location : B-1									
Explanation : 1 Freight									
Escalators									
	Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%									
Location : At Front Entrance									
Explanation : 1 Unit, Floors 1 - 2									
Fire Suppression									
Standpipe									
	Generic	100%			2035	* *	1-5	\$80,600	
Sprinkler									
	Generic	100%			2025	\$1,485,400	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.

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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

CAPITAL**Total**

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Interior Architecture	\$1,300	\$12,000	\$1,300	
Electrical	\$1,300	\$3,500	\$1,800	\$1,300
Mechanical	\$3,100	\$5,200	\$5,700	\$2,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$9,700	\$24,700	\$12,800	\$8,100
Importance Code A				
Importance Code B	\$9,700	\$24,700	\$12,800	\$8,100
Importance Code C				
Total	\$9,700	\$24,700	\$12,800	\$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.

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
MORNINGSIDE HEIGHTS BRANCH LIBRARY
Asset # : 13638

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

Interior

Floors

Carpet	10%			2024	\$34,400	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	
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Ceilings

AcousTileSusp.Lay-In	50%			2038	* *	5	\$13,300	
Gypsum Board	50%			LIFE	* *	5	\$16,600	

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2045	* *	5	\$100	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : 1- 400 Amperes Main Disconnect Switch

Switchgear / Switchboard

Fused Disc Sw	100%			2045	* *	5	\$100	
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Raceway

Conduit	100%			2045	* *	1		
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Panelboards

Fused Disc Sw	10%			2041	* *	5		
Molded Case Bkrs	90%			2041	* *	5	\$400	

Wiring

Thermoplastic	100%			2045	* *	1		
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Motor Controllers

Locally Mounted	100%			2038	* *	5	\$100	
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Ground

Grounding Devices

Not Accessible	100%							
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Lighting

Interior Lighting

Fluorescent	20%			2033	* *	10	\$3,300	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Explanation : T-5 Lamps

Fluorescent	80%			2033	* *	10	\$13,000	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Throughout

Explanation : T-8 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.

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

NEW YORK PUBLIC LIBRARY - 035
MORNINGSIDE HEIGHTS BRANCH LIBRARY
Asset # : 13638

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

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								
Generic, Digital	100%			2030	**	1-3	\$11,000	

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

Heating

Energy Source								
Plant Campus Steam / PRV	100%			2035	**	1		

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

Location : Throughout

Explanation : Steam Is Supplied By Columbia University

Distribution								
Central Plant Steam Piping/Pmp	100%			2045	**	4	\$900	
Terminal Devices								
Air Handler	90%			2030	**	1	\$9,900	
Convactor/Radiator	10%			2038	**	1	\$600	

Air Conditioning

Distribution								
CW & CHW Wtr Pipe/Pump	100%			2045	**	4	\$900	
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	**	1	\$11,000	

Ventilation

Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,900	
Exhaust Fans								
Interior	100%			2030	**	2	\$500	

Plumbing

H/C Water Piping								
Brass/Copper	100%			2045	**	1		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							

Vertical Transport

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

Estimates are rounded to the nearest hundred dollars.

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

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

NEW YORK PUBLIC LIBRARY - 035
MORNINGSIDE HEIGHTS BRANCH LIBRARY
Asset # : 13638

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE		* *		
Other Observation, Extent : Light, Area 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 years is not included in this report.*

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : MORRISANIA BRANCH LIBRARY
Address : 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 : 08-Apr-2016 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2615 **Lot** : 23 **BIN** : 2004303

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$105,700
Interior Architecture	\$77,000	
Electrical	\$92,600	\$35,700
Mechanical		\$109,400
Total	\$169,600	\$250,900
Importance Code A		\$105,700
Importance Code B	\$92,600	\$145,200
Importance Code C	\$77,000	
Total	\$169,600	\$250,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$10,100	\$3,100	\$12,500	
Interior Architecture	\$54,000	\$2,700		\$9,100
Electrical	\$3,300	\$400	\$300	\$16,900
Mechanical	\$35,300	\$1,900	\$3,000	\$5,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$106,600	\$12,000	\$19,600	\$35,000
Importance Code A	\$11,500	\$4,500	\$13,900	\$1,500
Importance Code B	\$95,100	\$7,500	\$5,800	\$33,500
Importance Code C				
Total	\$106,600	\$12,000	\$19,600	\$35,000



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 years is not included in this report.

NEW YORK PUBLIC LIBRARY - 035
MORRISANIA BRANCH LIBRARY
Asset # : 13347

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	95%			LIFE	**	5	\$37,500	
	Masonry: Granite	2%			LIFE	**	5	\$600	
	Masonry: Limestone	3%	Now	\$7,900	LIFE	**	5	\$900	
Vegetation Growth, Extent : Moderate, Area Affected : 5%									
Location : At Entrance									
Windows									
	Aluminum	100%			2035	**	5	\$6,100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Protective Metal Grilles									
Parapets									
	Masonry: Brick	95%			LIFE	**	5	\$4,600	
	Masonry: Limestone	5%	0-2	\$2,100	LIFE	**	5	\$300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%									
Location : Coping Stone									
Vegetation Growth, Extent : Moderate, Area Affected : 20%									
Location : Coping Stone									
Roof									
	Roll Roofing	100%			2026	\$68,200	5	\$24,900	
Blisters, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Debris Present, Extent : Moderate, Area Affected : 25%									
Location : Various Locations									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Roof Entire									
Explanation : Slated For Replacement In 2017									
Interior									
Floors									
	Carpet	10%	Now	\$30,600	2029	**	3	\$3,300	
Worn/Eroded, Extent : Moderate, Area Affected : 70%									
Location : Staff area									
	Carpet	30%			2028	\$91,900	3	\$13,000	
	Cast in Place Concrete	20%			LIFE	**	5	\$9,500	
	Marble Panels	10%			LIFE	**	5	\$1,600	
	Terrazzo	5%			LIFE	**	5	\$800	
	Vinyl Tile	15%	Now	\$12,200	2027	\$30,600	3	\$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%									
Location : Basement									
	Wood	10%	2-4	\$7,900	2042	**	5	\$2,000	
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : 1st And 2nd Floors									

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

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

Masonry: Brick

10% 0-2 \$40,000 LIFE * *

*Water Penetration, Extent : Severe, Area Affected : 5%**Location : Street Facade Wall - Basement*

Plaster

90% Now \$37,000 LIFE * * 5 \$12,500

*Broken/Missing Elements, Extent : Severe, Area Affected : 15%**Location : Basement**Cracking/Crumbling, Extent : Moderate, Area Affected : 15%**Location : Basement At Stairs**Water Penetration, Extent : Severe, Area Affected : 15%**Location : Basement*

Ceilings

AcousTile,Adhered

40% 2032 * * 5 \$8,700

AcousTileSusp.Lay-In

25% 2040 * * 5 \$5,400

Plaster

35% LIFE * * 5 \$4,700

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100% 2027 \$1,600 5 \$100

Switchgear / Switchboard

Molded Case Bkrs

100% 2027 \$35,700 5 \$400

*Suspect Water Damage, Extent : Severe, Area Affected : 100%**Location : Boiler Room**Other Observation, Extent : Moderate, Area Affected : 100%**Location : Boiler Room**Explanation : No Rating Available*

Raceway

Conduit

30% 2047 * * 1

Conduit

70% 2027 \$24,300 1

Panelboards

Fused Disc Sw

5% 2043 * * 5

Molded Case Bkrs

95% 2043 * * 5 \$400

Wiring

Braided Cloth

10% 2-4 \$3,100 2052 * * 1

*Insulation Damaged, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building*

Thermoplastic

70% 2047 * * 1

Thermoplastic

20% 2027 \$6,100 1

Motor Controllers

Locally Mounted

100% 2040 * * 5 \$100

Ground

Grounding Devices

Generic

100% LIFE * * 5 \$200

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

Estimates are rounded to the nearest hundred dollars.

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

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

NEW YORK PUBLIC LIBRARY - 035
MORRISANIA BRANCH LIBRARY
Asset # : 13347

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	20%			2022	\$32,100	10	\$2,700	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : T12 Lamps							
	Fluorescent	75%			2035	* *	10	\$10,000	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Fluorescent	5%			2035	* *	10	\$700	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
Egress Lighting									
	Emergency, Battery	50%			2022	\$10,800	10	\$1,800	
	Exit, Service	50%			2022	\$1,100	1		
Exterior Lighting									
	HID	100%			2022	\$60,500	10		
Alarm									
	Security System								
	No Component	80%							
	Generic	20%			2035	* *	1	\$1,100	
Fire/Smoke Detection									
	No Component	80%							
	Generic, Digital	20%			2035	* *	1-3	\$1,800	
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Interruptible Gas/Dual Fuel	100%			2047	* *	1		
Conversion Equipment									
	Steam Boiler	100%			2032	* *	1	\$14,400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 1 Unit							
Distribution									
	Hot Wtr Piping/Pump	30%			2043	* *	4	\$300	
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : Basement Boiler Room							
		Explanation : Hot Water Coil In Steam Boiler							
	Central Plant Steam Piping/Pmp	70%			2047	* *	4	\$800	
Terminal Devices									
	Convactor/Radiator	90%			2032	* *	1	\$4,200	
	Fan Coil Unit/Heat	10%			2027	\$22,500	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 - 035
MORRISANIA BRANCH LIBRARY
Asset # : 13347

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	* *	1		
	Conversion Equipment								
	Exterior Pkg Unit - Cooling	90%	Now	\$32,800	2027	\$109,400	2	\$600	
		Malfunctioning, Extent : Severe, Area Affected : 50%							
		Location : Roof							
		R-22 Refrigerant, Extent : Severe, Area Affected : 100%							
		Location : Roof							
	Window/Wall Unit	10%			2022	\$3,100	1		
Ventilation									
	Distribution								
	Ductwork/Diffusers	80%			LIFE	* *	2-5	\$6,500	
	No Component	20%							
	Exhaust Fans								
	Roof	10%			2027	\$2,500	2		
	No Component	90%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	20%			2047	* *	1		
	Galvanized Steel	80%			2040	* *	1		
	Water Heater								
	Gas Fired	100%			2026	\$9,200	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2027	\$2,300	4	\$500	
	Fixtures								
	Generic	100%							
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.

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : MOSHOLU BRANCH LIBRARY
Address : 285 EAST 205TH ST. NEAR BAINBRIDGE 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 : 11-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 3341 **Lot** : 76 **BIN** : 2018123

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$122,600	
Interior Architecture		\$33,100
Mechanical	\$55,300	
Total	\$177,900	\$33,100
Importance Code A	\$122,600	
Importance Code B	\$55,300	\$33,100
Total	\$177,900	\$33,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$5,300			\$3,700
Interior Architecture	\$6,600	\$1,800	\$400	\$4,900
Electrical	\$22,600	\$100	\$200	\$9,700
Mechanical	\$2,000	\$1,200	\$2,300	\$3,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$40,400	\$7,000	\$6,800	\$25,500
Importance Code A	\$5,800	\$500	\$500	\$4,200
Importance Code B	\$34,600	\$6,000	\$6,300	\$21,300
Importance Code C		\$500		
Total	\$40,400	\$7,000	\$6,800	\$25,500



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 - 035
MOSHOLU BRANCH LIBRARY
Asset # : 13348

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Cast in Place Concrete	10%	0-2	\$4,600	LIFE	* *	5	\$4,000		
Exposed Reinforcement, Extent : Moderate, Area Affected : 15%									
Location : Underside Of Soffit - Street Facade									
Spalling, Extent : Moderate, Area Affected : 20%									
Location : Underside Of Soffit - Street Facade									
Masonry: Brick	50%			LIFE	* *	5	\$4,000		
Masonry: Fieldstone	40%			LIFE	* *	5	\$2,400		
Windows									
Aluminum	95%	Now	\$38,700	2035	* *	5	\$2,300		
Unit Inoperable, Extent : Moderate, Area Affected : 35%									
Location : Awning Windows Required For Air Circulation									
Glass Block	5%			LIFE	* *	5	\$200		
Parapets									
Metal: Cage/Fence	10%	2-4	\$700	2032	* *	5	\$400		
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
No Component	90%								
Roof									
Built-Up (BUR)	90%	Now	\$83,900	2037	* *			1	
Alligatoring, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Air/Water Blisters, Extent : Severe, Area Affected : 30%									
Location : Throughout									
Debris on Roof, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Drains Clogged, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Ponding, Extent : Severe, Area Affected : 20%									
Location : At Roof Drains									
Metal Panel	10%			2032	* *	10	\$3,700		
Interior									
Floors									
Ceramic Tile	5%			2036	* *	5	\$800		
Terrazzo	5%			LIFE	* *	5	\$600		
Vinyl Tile	25%	4+	\$6,600	2027	\$33,100	3	\$1,400		
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Staff Area									
Worn/Eroded, Extent : Moderate, Area Affected : 15%									
Location : Auditorium									
Vinyl Tile	65%			2035	* *	3	\$3,800		
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout 1st Floor And Basement									

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

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

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

NEW YORK PUBLIC LIBRARY - 035
MOSHOLU BRANCH LIBRARY
Asset # : 13348

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

Interior

Interior Walls

Ceramic Tile	5%			2030	**	5	\$1,000	
Marble Panels	8%			LIFE	**			
Plaster	87%			LIFE	**	5	\$5,300	

Ceilings

AcousTileSusp.Lay-In	90%			2032	**	5	\$8,900	
Plaster	10%			LIFE	**	5	\$600	

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2027	\$1,500	5		
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 400 Amperes Main Disconnect Switch

Switchgear / Switchboard

Molded Case Bkrs	100%			2027	\$32,700	5	\$300	
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Raceway

Conduit	90%			2027	\$28,600	1		
Conduit	10%			2053	**	1		

Panelboards

Fused Disc Sw	5%			2026	\$800	5		
Molded Case Bkrs	40%			2049	**	5	\$100	
Molded Case Bkrs	55%			2026	\$8,300	5	\$100	

Wiring

Braided Cloth	80%	2-4	\$22,500	2052	**	1		
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Insulation Aged, Extent : Moderate, Area Affected : 100%

Location : Throughout

Thermoplastic	20%			2053	**	1		
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Motor Controllers

Locally Mounted	100%			2040	**	5	\$100	
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Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$200	
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Lighting

Interior Lighting

Fluorescent	100%			2032	**	10	\$9,400	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Explanation : T-8 Lamps

Egress Lighting

Exit, LED	40%			2062	**	1		
Exit, Service	10%			2027	\$100	1		
Exit, Battery	50%			2035	**	10	\$300	

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Estimates are rounded to the nearest hundred dollars.*

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

NEW YORK PUBLIC LIBRARY - 035
MOSHOLU BRANCH LIBRARY
Asset # : 13348

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

Lighting

Exterior Lighting

HID

100%

2032

* *

10

Alarm

Security System

No Component

80%

Generic

20%

2037

* *

1

\$800

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

Heating

Energy Source

Interruptible Gas/Dual Fuel

100%

2047

* *

1

Conversion Equipment

Hot Water Boiler

100%

2040

* *

1

\$5,100

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Boiler Room**Explanation : 1 Unit*

Distribution

Hot Wtr Piping/Pump

100%

2043

* *

4

\$800

Terminal Devices

Air Handler

20%

2027

\$27,400

1

\$1,300

Convactor/Radiator

80%

2040

* *

1

\$2,700

Air Conditioning

Energy Source

Electricity

100%

2043

* *

1

Conversion Equipment

Reciprocating

20%

2027

\$16,600

1

\$1,000

Compr/Chiller

Exterior Pkg Unit -

Cooling

70%

2022

\$55,300

2

\$400

*R-22 Refrigerant, Extent : Moderate, Area Affected : 100%**Location : Roof**Other Observation, Extent : Moderate, Area Affected : 100%**Location : Roof**Explanation : 2 Units*

Window/Wall Unit

10%

2022

\$2,000

1

Terminal Devices

Air Handler/Cool/Ht

20%

2027

\$21,900

1

\$1,300

No Component

80%

Heat Rejection

Dry Cooler

20%

2027

\$10,600

2

\$1,400

No Component

80%

Ventilation

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
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	\$5,700	
	Exhaust Fans								
	Interior	20%			2027	\$6,900	2	\$100	
	Roof	80%			2027	\$13,000	2	\$300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	40%			2047	* *	1		
	Galvanized Steel	60%			2040	* *	1		
	Water Heater								
	Gas Fired	100%			2025	\$6,000	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Mechanical Room							
		Explanation : 1 Unit							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sewage Ejector(s)								
	Electric	100%			2027	\$2,800	4	\$600	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : B-1							
		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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 13-Apr-2016 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2315 **Lot** : 18 **BIN** : 2000744

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$210,600	
Electrical		\$177,300
Mechanical	\$269,100	\$359,300
Total	\$479,700	\$536,600
Importance Code A	\$210,600	
Importance Code B	\$269,100	\$536,600
Total	\$479,700	\$536,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$42,600			\$11,900
Interior Architecture	\$18,900	\$6,900		
Electrical	\$1,300	\$1,700	\$1,300	\$3,300
Mechanical	\$3,800	\$1,100	\$4,800	\$1,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$70,500	\$13,600	\$10,000	\$20,200
Importance Code A	\$43,300	\$800	\$800	\$12,900
Importance Code B	\$8,200	\$11,800	\$9,200	\$7,300
Importance Code C	\$18,900	\$1,000		
Total	\$70,500	\$13,600	\$10,000	\$20,200



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 - 035
MOTT HAVEN BRANCH LIBRARY
Asset # : 13349

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$30,500	
Masonry: Brick	66%			LIFE	**	5	\$25,800	
Masonry: Granite	2%			LIFE	**	5	\$600	
Masonry: Limestone	10%	Now	\$26,200	LIFE	**	5	\$2,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 75%								
Location : Over Entry, Window Sills, Spandrel								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Window Sills And Spandrels								
Metal Panel	2%			2053	**	5-10	\$5,400	
Stucco Cement	10%	0-2	\$12,500	2040	**	5	\$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : East Facade								
Windows								
Wood	100%	Now	\$210,600	2052	**	5	\$25,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Basement Windows								
Dry Rot/Decay, Extent : Light, Area Affected : 5%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : All Windows								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Exterior Face								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Transoms								
Other Observation, Extent : Light, Area Affected : 25%								
Location : 1st Floor Windows								
Explanation : Protective Metal Grilles								
Parapets								
Cast Stone/Terra Cotta	25%			LIFE	**	5	\$4,400	
Masonry: Brick	60%			LIFE	**	5	\$1,400	
Masonry: Limestone	5%			LIFE	**	5	\$100	
Metal Panel	10%			2047	**	5	\$900	
Roof								
Modified Bitumen	5%	Now	\$3,900	2037	**			
Worn/Eroded, Extent : Severe, Area Affected : 30%								
Location : Stepped Down Roof Above Annex								
Modified Bitumen	95%			2032	**	10	\$11,500	

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 - 035
MOTT HAVEN BRANCH LIBRARY
Asset # : 13349

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									
Floors									
	Carpet	20%			2026	\$67,700	3	\$7,200	
	Cast in Place Concrete	5%			LIFE	**	5	\$2,600	
	Ceramic Tile	5%			2030	**	5	\$1,200	
	Vinyl Tile	70%			2035	**	3	\$6,300	
Interior Walls									
	Ceramic Tile	5%			2030	**	5	\$2,100	
	Concrete Masonry Unit	5%			LIFE	**	5	\$800	
	Gypsum Board	15%			LIFE	**	5	\$3,700	
	Masonry: Brick	10%	Now	\$17,900	LIFE	**			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%									
Location : Basement									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Perimeter Walls - Basement									
	Plaster	5%	Now	\$900	LIFE	**	5	\$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Basement Stair - Due To Plumbing Leak									
Water Penetration, Extent : Moderate, Area Affected : 5%									
Location : Basement Stair - Due To Plumbing Leak									
	Plaster	55%			LIFE	**	5	\$6,900	
	Wood	5%			LIFE	**	5	\$8,300	
Ceilings									
	AcousTileConcealSpLn	5%			2040	**	5	\$1,500	
	Exposed Concrete	5%			LIFE	**	5	\$200	
	Glass: Susp Panels	5%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Over Main Stair - 3rd Floor Landing									
Explanation : Decorative Glass									
	Gypsum Board	15%			LIFE	**	5	\$4,500	
	Plaster	70%			LIFE	**	5	\$10,500	
Staining/Discoloring, Extent : Light, Area Affected : 10%									
Location : Throughout									
Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	100%			2037	* *	5	\$400	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : Main Service Disconnect Switch Rated @ 800 Amperes.									
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2037	* *	5	\$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.

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

NEW YORK PUBLIC LIBRARY - 035
MOTT HAVEN BRANCH LIBRARY
Asset # : 13349

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Raceway									
	Conduit	90%			2037	**	1		
	Conduit	10%			2047	**	1		
Panelboards									
	Fused Disc Sw	10%			2035	**	5		
	Molded Case Bkrs	20%			2043	**	5	\$100	
	Molded Case Bkrs	70%			2035	**	5	\$300	
Wiring									
	Thermoplastic	80%			2047	**	1		
	Thermoplastic	20%			2037	**	1		
Motor Controllers									
	Locally Mounted	100%			2032	**	5	\$100	
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$200	
Lighting									
Interior Lighting									
	Fluorescent	65%			2027	\$115,300	10	\$9,600	
	T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Fluorescent	35%			2027	\$62,100	10	\$5,100	
	Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
	Location : Reading Areas And Office								
Egress Lighting									
	Emergency, Battery	40%			2032	**	10	\$1,500	
	Exit, LED	20%			2055	**	1		
	Exit, Service	40%			2032	**	1		
Exterior Lighting									
	HID	20%			2032	**	10		
	No Component	80%							
Alarm									
Security System									
	No Component	40%							
	Generic	60%			2035	**	1	\$3,600	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Reading Areas And Outside								
	Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection									
	Generic, Digital	100%			2035	**	1-3	\$9,900	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Horns And Strobe Lights								

Mechanical		Current Repair			Future Replacement		Maintenance		
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.

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

NEW YORK PUBLIC LIBRARY - 035
MOTT HAVEN BRANCH LIBRARY
Asset # : 13349

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2037	* *	1		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i> <i>Location : Boiler Room</i> <i>Explanation :</i> <i>The Oil Tank Appears To Be Abandoned In Place.</i>								
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	\$7,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Basement</i> <i>Explanation : 1 Natural Gas Fired Hot Water Boiler.</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	\$1,200	
Terminal Devices								
Convactor/Radiator	50%			2032	* *	1	\$2,600	
No Component	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Third Floor Mechanical Equipment Room</i> <i>Explanation : Air Handling Equipment Is Used For Heating Cooling And Ventilation</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	50%	0-2	\$176,400	2032	* *	2	\$400	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i> <i>Location : Third Floor Mechanical Equipment Room</i> <i>Explanation : Degraded Refrigeration System</i>								
Int Pkg Unit - Heating/Cooling	50%			2025	\$176,400	2	\$500	
Terminal Devices								
Air Handler/Dir Expansion	50%			2027	\$92,700	1		
Air Handler/Dir Expansion	50%	0-2	\$92,700	2037	* *	1		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i> <i>Location : Third Floor Mechanical Equipment Room</i> <i>Explanation : Defective Temperature Control System</i>								
Heat Rejection								
Dry Cooler	100%			2027	\$90,200	2	\$11,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,900	

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.*

NEW YORK PUBLIC LIBRARY - 035
MOTT HAVEN BRANCH LIBRARY
Asset # : 13349

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
	Exhaust Fans								
	Roof	10%			2027	\$2,800	2	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof Near Boiler Chimney Stack							
		Explanation : Equipment Serves Toilet Rooms							
	No Component	90%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Third Floor Mechanical Equipment Room							
		Explanation : The Air Handling Equipment Serves The Library For Its Heating Cooling And Ventilation Needs							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2037	* *	1		
	Water Heater								
	Gas Fired	100%			2025	\$10,100	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement To The Third Floor							
		Explanation : 1 Unit							

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

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : MUHLENBERG BRANCH LIBRARY
Address : 209 WEST 23RD ST. @SEVENTH AVE.
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 : 24-May-2017 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 773 **Lot** : 38 **BIN** : 1014150

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$35,200	\$138,600
Electrical		\$293,900
Mechanical		\$356,100
Total	\$35,200	\$788,600
Importance Code A	\$35,200	\$138,600
Importance Code B		\$650,000
Total	\$35,200	\$788,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$21,500		\$5,000	\$15,000
Interior Architecture	\$259,600		\$3,500	\$6,400
Electrical	\$1,100	\$900	\$1,100	\$1,100
Mechanical	\$6,000	\$2,500	\$2,600	\$2,200
Site Pavements	\$8,100			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$300,300	\$7,300	\$16,100	\$28,700
Importance Code A	\$22,200	\$700	\$5,700	\$15,700
Importance Code B	\$243,300	\$6,700	\$10,400	\$13,000
Importance Code C	\$34,900			
Total	\$300,300	\$7,300	\$16,100	\$28,700



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.

NEW YORK PUBLIC LIBRARY - 035
MUHLENBERG BRANCH LIBRARY
Asset # : 13350

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%	2-4	\$11,400	LIFE	* *	5	\$6,800	
Spalling, Extent : Light, Area Affected : 20%								
Location : Various Locations - East And North Facades								
Masonry: Granite	5%			LIFE	* *	5	\$800	
Masonry: Limestone	25%	4+	\$35,200	LIFE	* *	5	\$2,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Street Facade								
Metal Panel	5%			2048	* *	5-10	\$3,600	
Windows								
Aluminum	15%			2044	* *	5	\$600	
Steel	60%			2027	\$138,600	5	\$30,000	
Wood	25%			2036	* *	5	\$10,000	
Parapets								
Masonry: Brick	60%			LIFE	* *	5-10	\$2,600	
Masonry: Limestone	30%	4+	\$2,200	LIFE	* *	5	\$200	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Decorative Cornice - Street (South) Façade								
Metal: Cage/Fence	5%			2033	* *	5-10	\$300	
Slate	5%			LIFE	* *	5	\$100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Coping Stones - North Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Coping Stones - North Facade								
Roof								
Metal Panel	10%			2033	* *	10	\$1,500	
Modified Bitumen	90%	0-2	\$4,900	2033	* *			
Debris Present, Extent : Moderate, Area Affected : 20%								
Location : Upper Roof Atop Apartment								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Roof Perimeter								

Interior

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

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

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

NEW YORK PUBLIC LIBRARY - 035
MUHLENBERG BRANCH LIBRARY
Asset # : 13350

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									
Floors									
	Carpet	60%	Now	\$174,000	2030	**	3	\$18,500	
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : Throughout 1st And 2nd Floors							
	Cast in Place Concrete	5%			LIFE	**	5	\$4,500	
	Ceramic Tile	5%	2-4	\$1,100	2024	\$22,000	5	\$500	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Marble Panels	10%	2-4	\$8,200	LIFE	**	5	\$1,500	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Vinyl Tile	10%	2-4	\$1,900	2028	\$19,300	3	\$800	
		Cracking/Crumbling, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	Wood	10%			2031	**	5	\$3,900	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Basement And 3rd Floor Apartment							
Interior Walls									
	Glass: Single Pane	5%			LIFE	**	5	\$2,600	
	Gypsum Board	15%	2-4	\$1,200	LIFE	**	5	\$3,200	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Plaster	50%			LIFE	**	5-10	\$15,000	
	Plaster	25%	Now	\$15,600	LIFE	**	5	\$2,600	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Basement, Vacant Custodians Apartment							
		Paint Peeling, Extent : Moderate, Area Affected : 25%							
		Location : Basement, Vacant Custodians Apartment							
	Wood	5%			LIFE	**	5	\$14,100	
Ceilings									
	AcousTileSusp.Lay-In	15%			2041	**	5	\$3,100	
	Masonry:Vault Struct	8%	Now	\$13,300	LIFE	**			
		Water Penetration, Extent : Severe, Area Affected : 20%							
		Location : Sidewalk Vault In Basement Where Water And Electrical Mains Enter Building							
	Plaster	10%			LIFE	**	5-10	\$3,500	
	Plaster	57%			LIFE	**	5-10	\$20,100	
	Plaster	10%	Now	\$8,900	LIFE	**	5	\$1,300	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Vacant Custodians Apartment							
		Paint Peeling, Extent : Severe, Area Affected : 50%							
		Location : Vacant Custodians Apartment							
Site Pavements									
Public Sidewalk									
	Cast in Place Concrete	100%	Now	\$8,100	2041	**			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 35%							
		Location : Sidewalk At West 23rd Street Entrance							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
MUHLENBERG BRANCH LIBRARY
Asset # : 13350

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

Site Pavements

Activity Yard

Not Accessible

100%

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100%

2038

* *

5

\$100

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : Main Service Disconnect Switch Rated @ 800 Amperes.*

Switchgear / Switchboard

Fused Disc Sw

100%

2038

* *

5

\$100

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : 1- Vertical Section*

Raceway

Conduit

100%

2038

* *

1

Panelboards

Fused Disc Sw

5%

2036

* *

5

Molded Case Bkrs

95%

2036

* *

5

\$300

Wiring

Thermoplastic

100%

2038

* *

1

Motor Controllers

Locally Mounted

100%

2033

* *

5

\$100

Ground

Grounding Devices

Not Accessible

100%

*Other Observation, Extent : Light, Area Affected : 0%**Location : Basement**Explanation : Located In The Crawlspace*

Lighting

Interior Lighting

Fluorescent

90%

2028

\$136,800

10

\$11,300

*T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building*

Fluorescent

5%

2033

* *

10

\$600

*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%**Location : Hallways*

Fluorescent

5%

2033

* *

10

\$600

*T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%**Location : Offices*

Egress Lighting

Emergency, Battery

50%

2028

\$10,200

10

\$1,700

Exit, LED

50%

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.*

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

NEW YORK PUBLIC LIBRARY - 035
MUHLENBERG BRANCH LIBRARY
Asset # : 13350

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

Lighting

Exterior Lighting									
HID		10%			2028	\$5,700	10		
No Component		90%							

Alarm

Security System									
No Component		80%							
Generic		20%			2028	\$9,200	1	\$1,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Hallways</i>									
<i>Explanation : Intrusion Alarm Only; Motion Sensors</i>									

Fire/Smoke Detection									
Generic, Digital		100%			2028	\$157,200	1-3	\$8,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Throughout The Building</i>									
<i>Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells And Horns</i>									

Mechanical		Current Repair			Future Replacement		Maintenance		
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%			2038	**	1		
Conversion Equipment									
Hot Water Boiler		100%			2033	**	1	\$6,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Basement Boiler Room</i>									
<i>Explanation : 1 Unit</i>									
Distribution									
Hot Wtr Piping/Pump		100%			2036	**	4	\$1,000	
Terminal Devices									
Air Handler		60%			2028	\$119,900	1	\$5,100	
Convactor/Radiator		40%			2026	\$30,400	1	\$1,800	

Air Conditioning

Energy Source									
Electricity		100%			2036	**	1		
Conversion Equipment									
Exterior Pkg Unit - Cooling		50%			2023	\$57,600	2	\$400	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 50%</i>									
<i>Location : 1 Unit, Roof</i>									
Split Unit		40%			2023	\$121,400			
<i>R-22 Refrigerant, Extent : Light, Area Affected : 40%</i>									
<i>Location : 2 Units, Roof</i>									
No Component		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.

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

NEW YORK PUBLIC LIBRARY - 035
MUHLENBERG BRANCH LIBRARY
Asset # : 13350

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Terminal Devices								
	Air Handler/Dir Expansion	40%			2028	\$57,200	1		
	No Component	60%							
Heat Rejection									
	Air Cooled Condenser Unit	40%			2028	\$10,300	2	\$3,800	
	No Component	60%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,100	
	Exhaust Fans								
	Interior	50%			2028	\$25,300	2	\$200	
	Roof	50%			2023	\$11,800	2	\$200	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2038	* *	1		
	Water Heater								
	Gas Fired	100%			2023	\$8,700	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement To 3rd 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.

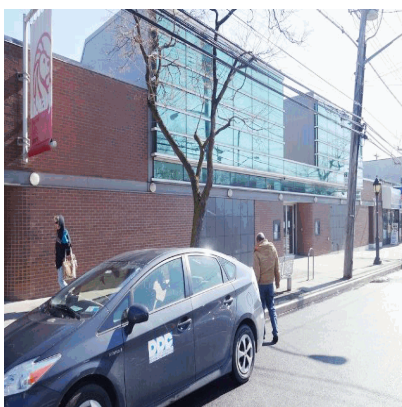
Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : NEW DORP BRANCH LIBRARY
Address : 309 NEW DORP LANE @ CLAWSON 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 : 21-Mar-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3643 **Lot** : 5 **BIN** : 5052750

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$198,700	
Total	\$198,700	
Importance Code A	\$198,700	
Total	\$198,700	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$6,200			\$600
Interior Architecture	\$300	\$13,000		
Electrical	\$200	\$300	\$200	\$12,800
Mechanical	\$700	\$800	\$1,600	\$800
Total	\$7,300	\$14,100	\$1,800	\$14,100
Importance Code A	\$6,800	\$600	\$600	\$1,100
Importance Code B	\$600	\$13,600	\$1,200	\$13,000
Importance Code C				
Total	\$7,300	\$14,100	\$1,800	\$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.

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

NEW YORK PUBLIC LIBRARY - 035
NEW DORP BRANCH LIBRARY
Asset # : 13351

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick Cavity	40%			LIFE	**	5	\$6,400		
Metal/Glass Curt Wall	25%			LIFE	**	5	\$7,500		
Metal Panel	15%	4+	\$400	2047	**	5	\$4,500		
Corrosion/Rusting, Extent : Light, Area Affected : 20%									
Location : New Addition - Above Main Entrance									
Slate Panels	15%			LIFE	**	5	\$1,800		
Weathering Steel	5%	4+	\$1,100	LIFE	**	1			
Staining/Discoloring, Extent : Light, Area Affected : 20%									
Location : Street Facade									
Windows									
Aluminum	100%	Now	\$4,700	2043	**	5	\$600		
Unit Inoperable, Extent : Moderate, Area Affected : 25%									
Location : Casement Windows									
Parapets									
Masonry: Brick	35%			LIFE	**	5	\$700		
Metal Panel	15%			2037	**	5	\$1,100		
No Component	50%								
Roof									
Modified Bitumen	100%	Now	\$198,700	2037	**				
Blisters, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Drains Clogged, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Ponding, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Ridging, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 25%									
Location : At Drains And Roof Penetrations									
Interior									
Floors									
Cast in Place Concrete	3%	4+	\$300	LIFE	**	5	\$1,200		
Paint Peeling, Extent : Moderate, Area Affected : 100%									
Location : Throughout Mechanical Rooms									
Granite Panels	7%			LIFE	**	5	\$900		
Vinyl Tile	65%			2032	**	3	\$4,300		
Wood	25%			2055	**	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		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
NEW DORP BRANCH LIBRARY
Asset # : 13351

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

Interior

Ceilings

AcousTileSusp.Lay-In	85%			2040	**	5	\$14,900	
Exposed Struc: Steel	5%			LIFE	**			
Gypsum Board	5%			LIFE	**	5	\$1,100	
Plaster	5%			LIFE	**	5	\$500	

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2047	**	5	\$100	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 1200 Amperes Main Disconnect Switch

Switchgear / Switchboard

Fused Disc Sw	100%			2047	**	5	\$100	
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Raceway

Conduit	100%			2047	**	1		
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Panelboards

Fused Disc Sw	5%			2043	**	5		
Molded Case Bkrs	95%			2043	**	5	\$300	

Wiring

Thermoplastic	100%			2047	**	1		
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Motor Controllers

Locally Mounted	100%			2040	**	5	\$100	
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Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$200	
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Lighting

Interior Lighting

Fluorescent	90%			2032	**	10	\$9,900	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Explanation : Using T8 Lamps

Fluorescent	10%			2032	**	10	\$1,100	
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Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Egress Lighting

Emergency, Battery	50%			2032	**	10	\$1,400	
Exit, Service	50%			2032	**	1		

Exterior Lighting

HID	100%			2032	**	10		
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Alarm

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

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

NEW YORK PUBLIC LIBRARY - 035
NEW DORP BRANCH LIBRARY
Asset # : 13351

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

Alarm

Security System

No Component

80%

Generic

20%

2037

* *

1

\$900

Fire/Smoke Detection

No Component

80%

Generic, Digital

20%

2032

* *

1-3

\$1,500

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

Heating

Energy Source

Electricity

5%

2047

* *

1

Natural Gas

95%

2047

* *

1

Conversion Equipment

Furnace

95%

2027

\$25,500

1

\$5,600

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Roof**Explanation : 3 Units*

Radiant Heater

5%

2027

\$10,100

2

\$300

Terminal Devices

Convactor/Radiator

5%

2032

* *

1

\$200

No Component

95%

Air Conditioning

Energy Source

Electricity

100%

2043

* *

1

Conversion Equipment

Ext Pkg Unit -

Heating/Cooling

100%

2032

* *

2

\$700

*R-22 Refrigerant, Extent : Moderate, Area Affected : 100%**Location : Roof*

Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

* *

2-5

\$6,700

Exhaust Fans

Roof

100%

2032

* *

2

\$400

Plumbing

H/C Water Piping

Brass/Copper

100%

2047

* *

1

Water Heater

Gas Fired

100%

2025

\$6,900

2

\$200

Sanitary Piping

Cast Iron

100%

LIFE

* *

1

Storm Drain Piping

Cast Iron

100%

LIFE

* *

1

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NEW YORK PUBLIC LIBRARY - 035
NEW DORP BRANCH LIBRARY
Asset # : 13351

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

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : NYPL SERVICES CENTER
Address : 31-11 THOMSON AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : NPL0S08.000 / 14502 **Yr Built/Renovated** : 1970 / 2010
Area Sq Ft : 148,207 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 15-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,PEN
Block : 275 **Lot** : 7501 **BIN** : 4003522

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$295,300	\$105,100
Interior Architecture	\$366,800	\$346,200
Electrical		\$135,900
Mechanical	\$85,800	\$1,532,000
Total	\$747,800	\$2,119,300
Importance Code A	\$295,300	\$105,100
Importance Code B	\$452,500	\$1,972,300
Importance Code C		\$41,900
Total	\$747,800	\$2,119,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$13,600			\$2,500
Interior Architecture	\$33,300	\$2,800		\$33,300
Electrical	\$30,700	\$24,700	\$21,900	\$27,300
Mechanical	\$82,000	\$26,900	\$67,000	\$22,500
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$167,400	\$62,200	\$96,800	\$93,500
Importance Code A	\$20,900	\$7,300	\$7,300	\$9,900
Importance Code B	\$146,500	\$54,900	\$89,500	\$83,700
Importance Code C				
Total	\$167,400	\$62,200	\$96,800	\$93,500



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 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
NYPL SERVICES CENTER
Asset # : 14502

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	12%			LIFE	**	5	\$45,000	
	Masonry: Brick Cavity	80%	2-4	\$228,000	LIFE	**	5	\$60,000	
	Efflorescence, Extent : Light, Area Affected : 5%								
	Location : Mechanical Penthouse								
	Expansion Jnt Failure, Extent : Light, Area Affected : 10%								
	Location : East Facade								
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
	Location : All Facades								
	Patching Evident, Extent : Light, Area Affected : 20%								
	Location : All Facades								
	Spalling, Extent : Moderate, Area Affected : 15%								
	Location : North And East Facades, Loading Dock								
	Water Penetration, Extent : Light, Area Affected : 5%								
	Location : Loading Dock At Lintel								
	Masonry: Marble	1%			LIFE	**	5	\$600	
	Metal Sect. OHD	5%			2044	**	5	\$11,700	
	Pre-Cast Concrete	2%			LIFE	**	5	\$4,900	
Windows									
	Aluminum	100%			2049	**	5	\$4,400	
Parapets									
	Cast in Place Concrete	5%			LIFE	**	5	\$4,100	
	Concrete Masonry Unit	5%			LIFE	**	5	\$500	
	Masonry: Brick Cavity	73%	4+	\$5,500	LIFE	**	5	\$5,900	
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
	Metal Panel	5%			2047	**	5	\$1,600	
	Metal Rail	2%			2032	**	5-10	\$2,900	
	Pre-Cast Concrete	10%			LIFE	**	5	\$5,100	
Roof									
	Cast in Place Concrete	97%	Now	\$67,200	LIFE	**			
	Cracking/Crumbling, Extent : Light, Area Affected : 10%								
	Location : Throughout Parking Area								
	Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
	Location : Throughout Parking Area								
	Water Penetration, Extent : Severe, Area Affected : 5%								
	Location : At Roof Penetrations Above 3rd Floor Labs								
	Roll Roofing	3%			2023	\$12,500	5	\$5,000	

Interior

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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NEW YORK PUBLIC LIBRARY - 035
NYPL SERVICES CENTER
Asset # : 14502

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									
Floors									
	Carpet	30%			2028	\$860,500	3	\$133,100	
	Cast in Place Concrete	25%			LIFE	**	5	\$121,300	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Epoxy Coating									
	Sheet Vinyl/Rubber	35%			2035	**	5	\$116,500	
	Vinyl Tile	10%			2035	**	3	\$8,300	
Interior Walls									
	Concrete Masonry Unit	50%			LIFE	**	5	\$28,000	
	Gypsum Board	50%			LIFE	**	5	\$41,900	
Ceilings									
	AcousTileConcealSpLn	40%			2044	**	5	\$110,900	
	Exposed Concrete	35%	Now	\$253,100	LIFE	**	5	\$12,100	
Water Penetration, Extent : Moderate, Area Affected : 5%									
Location : At Trench Drain From Ramp Above									
	Gypsum Board	25%			LIFE	**	5	\$69,300	
Electrical									
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	100%			2053	**	5	\$600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : Main Service Disconnect Switch Rated @ 4000 Amperes.									
Switchgear / Switchboard									
	Fused Disc Sw	100%			2053	**	5	\$600	
Raceway									
	Conduit	100%			2053	**	1		
Panelboards									
	Fused Disc Sw	10%			2049	**	5	\$300	
	Molded Case Bkrs	90%			2049	**	5	\$3,500	
Wiring									
	Thermoplastic	100%			2053	**	1		
Motor Controllers									
	Locally Mounted	5%			2044	**	5	\$100	
	Variable Frequency	95%			2044	**			
	Drive								
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$2,200	
Stand-by Power									
Transfer Switches									
	Automatic	100%			2044	**	1	\$45,600	

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

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NEW YORK PUBLIC LIBRARY - 035
NYPL SERVICES CENTER
Asset # : 14502

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
	Generators								
	Diesel	100%			2040	* *	1	\$57,400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Roof							
		Explanation : Emergency Generator Rated @ 335kw							
Batteries									
	Lead/Acid	100%			2022	\$1,500	5	\$5,500	
Fuel Storage									
	Day Tank	50%			2049	* *	5	\$13,700	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Generator Room/ Roof							
		Explanation : 150 Gallons Rated Capacity							
	Main Tank	50%			2062	* *	5	\$2,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : 1250 Gallons Rated Capacity							
Lighting									
	Interior Lighting								
	Fluorescent	75%			2035	* *	10	\$101,900	
		T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Fluorescent	25%			2035	* *	10	\$34,000	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
Egress Lighting									
	Emergency, Service	50%			2035	* *	1		
	Exit, LED	50%			2062	* *	1		
Exterior Lighting									
	HID	10%			2035	* *	10		
	LED	10%			2035	* *			
	No Component	80%							
Alarm									
	Security System								
	No Component	40%							
	Generic	60%			2035	* *	1	\$33,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Hallways, Storage Areas And Outside							
		Explanation : CCTV Surveillance Camera System							
Fire/Smoke Detection									
	Generic, Digital	100%			2035	* *	1-3	\$91,300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns, Smoke Detectors							

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NEW YORK PUBLIC LIBRARY - 035
NYPL SERVICES CENTER
Asset # : 14502

Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2053	**	1		
	Conversion Equipment								
	Furnace	50%			2035	**	1	\$36,600	
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Roof							
		Explanation : 2 Roof Top Package Units							
	Hot Water Boiler	50%			2044	**	1	\$36,600	
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : 3rd Floor Mechanical Room							
		Explanation : 4 Units							
	Distribution								
	Hot Wtr Piping/Pump	50%			2049	**	4	\$3,700	
	No Component	50%							
	Terminal Devices								
	Air Handler	70%			2035	**	1	\$64,200	
	Convactor/Radiator	10%			2040	**	1	\$4,800	
	Fan Coil Unit/Heat	20%			2035	**	1	\$9,600	
Air Conditioning									
	Energy Source								
	Electricity	100%			2049	**	1		
	Conversion Equipment								
	Int Pkg Unit - Heating/Cooling	20%			2031	**	2	\$1,800	
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : 2nd Floor Mechanical Rooms							
		Explanation : 2 Units. R-410a.							
	Int Pkg Unit - Heating/Cooling	50%			2028	\$1,495,300	2	\$4,500	
		R-22 Refrigerant, Extent : Light, Area Affected : 50%							
		Location : 8 Units. 1st Floor And Basement							
	Ext Pkg Unit - Heating/Cooling	30%			2035	**	2	\$2,700	
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : Roof							
		Explanation : 2 Package Units. R-407c.							
	Heat Rejection								
	Air Cooled Condenser Unit	30%			2035	**	2	\$31,000	
	Water Cooling Tower	70%			2031	**	2	\$104,400	
		Other Observation, Extent : Light, Area Affected : 70%							
		Location : Roof							
		Explanation : 1 Unit							

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NEW YORK PUBLIC LIBRARY - 035
NYPL SERVICES CENTER
Asset # : 14502

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Dehumidifier								
	No Component	60%							
	Generic	40%			2031	**			
	Other Observation, Extent : Light, Area Affected : 40%								
	Location : 3rd Floor Mechanical Room								
	Explanation : 2 Units								
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$82,600	
	Exhaust Fans								
	Interior	50%			2035	**	2	\$2,300	
	Roof	50%			2035	**	2	\$2,300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2053	**	1		
	Water Heater								
	Gas Fired	100%	Now	\$25,700	2022	\$85,800	2	\$1,700	
	Other Observation, Extent : Severe, Area Affected : 10%								
	Location : 3rd Floor Mechanical Room								
	Explanation : Leaking Constantly With Multi-defects.								
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Non-Submersible	100%			2032	**	4	\$4,700	
	Sewage Ejector(s)								
	Electric	100%			2035	**	4	\$8,800	
	Backflow Preventer								
	Generic	100%			2035	**	1	\$9,100	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : (2) B- Loading Dock, (1) B-3, (1) B- Roof								
	Explanation : 4 Units								
Fire Suppression									
	Standpipe								
	Generic	100%			2053	**	1-5	\$74,700	
	Sprinkler								
	Generic	100%			2053	**	1-2	\$41,500	

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

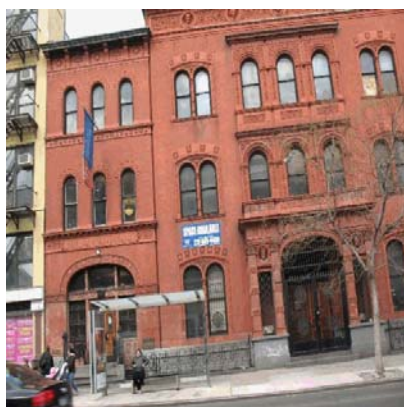
Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : OTTENDORFER BRANCH LIBRARY
Address : 135 SECOND AVE. E. EIGHT ST. - ST. MARKS PLACE
Borough : MANHATTAN **Agency's Number** : 003
Program / Asset # : NPL0003.000 / 13355 **Yr Built/Renovated** : 1884 /
Area Sq Ft : 8,332 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 10-Jul-2013 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,3,4
Block : 464 **Lot** : 37 **BIN** : 1079841

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$43,200	
Electrical		\$17,500
Total	\$43,200	\$17,500
Importance Code B	\$43,200	\$17,500
Total	\$43,200	\$17,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$37,500			
Interior Architecture	\$23,300			\$2,100
Electrical	\$40,100	\$200	\$200	\$300
Mechanical	\$19,400	\$1,300	\$1,300	\$1,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$124,300	\$5,500	\$5,500	\$7,500
Importance Code A	\$38,300	\$800	\$800	\$800
Importance Code B	\$84,600	\$4,700	\$4,700	\$6,700
Importance Code C	\$1,400			
Total	\$124,300	\$5,500	\$5,500	\$7,500



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

NEW YORK PUBLIC LIBRARY - 035
OTTENDORFER BRANCH LIBRARY
Asset # : 13355

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	25%	2-4	\$9,900	LIFE	* *	5	\$1,000	
		Cracking/Crumbling, Extent : Light, Area Affected : 20%							
		Location : Throughout							
		Water Penetration, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Masonry: Brick	75%	Now	\$4,900	LIFE	* *	5	\$2,900	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
		Location : First Floor Level West Facade							
		Water Penetration, Extent : Moderate, Area Affected : 30%							
		Location : First Floor And Basement							
Windows									
	Aluminum	35%	2-4	\$2,900	2040	* *	5	\$200	
		Cracking/Crumbling, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	Wood	40%	2-4	\$1,100	2023	\$11,300	5	\$1,800	
		Broken/Missing Elements, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	Wood	25%	0-2	\$7,000	2049	* *	5	\$1,100	
		Deteriorated Finish, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
		Dry Rot/Decay, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
Parapets									
	Metal Cornice	30%	2-4	\$1,200	2039	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	No Component	70%							
Roof									
	Modified Bitumen	98%	2-4	\$6,800	2029	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
	Skylight, Metal/Glass	2%	2-4	\$3,500	2034	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 20%							
		Location : Throughout							

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.

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NEW YORK PUBLIC LIBRARY - 035
OTTENDORFER BRANCH LIBRARY
Asset # : 13355

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								
Floors								
Carpet	35%	2-4	\$5,800	2023	\$58,500	3	\$6,200	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 20%								
Location : Throughout								
Cast in Place Concrete	5%			LIFE	**	5	\$1,300	
Ceramic Tile	5%	4+	\$1,300	2033	**	5	\$300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	5%			2019	\$5,600	3	\$300	
Wood	50%	Now	\$43,200	2039	**	5	\$5,500	
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Third Floor And Basement Stairs								
Interior Walls								
Cast in Place Concrete	5%			LIFE	**			
Ceramic Tile	5%			2033	**	5	\$300	
Gypsum Board	5%	2-4	\$100	LIFE	**	5	\$200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%	0-2	\$1,400	LIFE	**			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%			LIFE	**	5	\$1,500	
Ceilings								
AcousTileSusp.Lay-In	10%	2-4	\$500	2037	**	5	\$600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	\$6,900	LIFE	**	5	\$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Third Floor								
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Throughout Third Floor								
Plaster	10%	Now	\$1,700	LIFE	**	5	\$700	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : First Floor And Second Floor								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amperes								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
OTTENDORFER BRANCH LIBRARY
Asset # : 13355

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2034	**	5		
	Raceway								
	Conduit	100%			2034	**	1		
	Panelboards								
	Molded Case Bkrs	30%			2040	**	5	\$100	
	Molded Case Bkrs	70%			2032	**	5	\$200	
	Wiring								
	Braided Cloth	20%	2-4	\$6,100	2049	**	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Third Floor							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Third Floor							
		Explanation : Third Floor Not Occupied							
	Thermoplastic	30%			2044	**	1		
	Thermoplastic	50%			2034	**	1		
	Motor Controllers								
	Locally Mounted	100%			2029	**	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Water Main							
Lighting									
	Interior Lighting								
	Fluorescent	70%			2029	**	10	\$5,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : First And Second Floors							
		Explanation : Using T-5 And T-8							
	Fluorescent	20%			2024	\$17,500	10	\$1,500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Using T-8							
	HID	3%			2024	\$1,800	10		
	Incandescent	7%			2024	\$6,100	2		
	Egress Lighting								
	Emergency, Service	70%			2029	**	1		
	Exit, LED	30%			2052	**	1		
	Exterior Lighting								
	HID	100%			2024	\$34,800	10		
Alarm									
	Security System								
	No Component	80%							
	Generic	20%			2024	\$5,600	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 - 035
OTTENDORFER BRANCH LIBRARY
Asset # : 13355

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

Alarm

Fire/Smoke Detection

No Component

70%

Generic

30%

2019

\$28,600

1-3

\$1,600

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

Heating

Energy Source

Natural Gas

100%

2044

* *

1

Conversion Equipment

Steam Boiler

100%

2037

* *

1

\$7,800

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement Boiler Room**Explanation : 1 Unit*

Distribution

Central Plant Steam

100%

2044

* *

4

\$600

Piping/Pmp

Terminal Devices

Convactor/Radiator

100%

Now

\$4,400

2029

* *

1

\$2,300

*Leak Evident, Extent : Severe, Area Affected : 50%**Location : Various Areas*

Air Conditioning

Energy Source

Electricity

100%

2032

* *

1

Conversion Equipment

Split Unit

15%

2029

* *

*R-22 Refrigerant, Extent : Light, Area Affected : 15%**Location : Roof*

Window/Wall Unit

40%

2019

\$6,800

1

No Component

45%

Terminal Devices

Fan Coil - 2 Pipe

15%

2029

* *

1

\$400

No Component

85%

Heat Rejection

Dry Cooler

15%

2029

* *

2

\$800

No Component

85%

Ventilation

Distribution

Ductwork/Diffusers

10%

LIFE

* *

2-5

\$400

No Component

90%

Exhaust Fans

Roof

10%

2024

\$1,400

2

No Component

90%

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.

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

NEW YORK PUBLIC LIBRARY - 035
OTTENDORFER BRANCH LIBRARY
Asset # : 13355

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping Brass/Copper	100%			2034	* *	1		
	Water Heater Electric	100%			2019	\$7,200	4	\$100	
	Sanitary Piping Cast Iron	100%			LIFE	* *	1		
	Fixtures Generic	100%							
Vertical Transport									
	Elevators Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : B-3							
		Explanation : 1 Unit							
Fire Suppression									
	Sprinkler No Component	95%							
	Generic	5%			2034	* *	1-2	\$100	

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

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

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

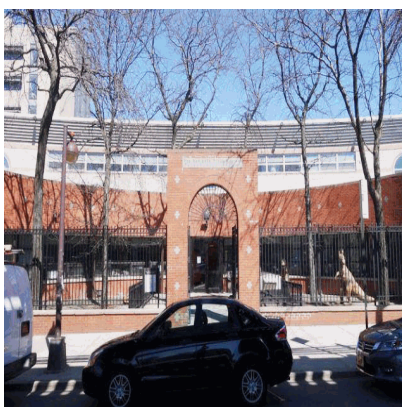
Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : PARKCHESTER BRANCH LIBRARY
Address : 1985 WESTCHESTER AVE. @PUGSLEY 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 : 05-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 3930 **Lot** : 59 **BIN** : 2028890

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$94,300
Mechanical		\$523,100
Total		\$617,400
Importance Code A		\$94,300
Importance Code B		\$523,100
Total		\$617,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$9,400			\$4,600
Interior Architecture	\$1,800	\$6,600		
Electrical	\$300	\$300	\$300	\$2,200
Mechanical	\$1,500	\$1,700	\$3,000	\$1,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$16,900	\$12,600	\$7,200	\$12,400
Importance Code A	\$10,200	\$700	\$700	\$5,300
Importance Code B	\$6,700	\$11,500	\$6,500	\$7,000
Importance Code C		\$400		
Total	\$16,900	\$12,600	\$7,200	\$12,400



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

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

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

NEW YORK PUBLIC LIBRARY - 035
PARKCHESTER BRANCH LIBRARY
Asset # : 13356

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

Exterior

Exterior Walls

Concrete Masonry Unit	40%			LIFE		**	5	\$2,800	
Masonry: Brick Cavity	60%			LIFE		**	5	\$6,800	

Windows

Aluminum	85%			2043		**	5	\$2,100	
Metal Louvers	15%			2036		**	10	\$2,300	

Parapets

Concrete Masonry Unit	18%			LIFE		**	5	\$700	
Masonry: Brick Cavity	25%			LIFE		**	5	\$900	
Metal Rail	10%			2032		**	5-10	\$6,600	
Metal: Cage/Fence	2%			2032		**	5-10	\$600	
Stucco Cement	5%			2032		**	5	\$500	
No Component	40%								

Roof

Built-Up (BUR)	100%	Now		\$9,400	2027			\$94,300	
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*Ponding, Extent : Moderate, Area Affected : 25%**Location : At Roof Drains**Water Penetration, Extent : Moderate, Area Affected : 10%**Location : At Elevator Bulkhead And Lower Roof***Interior**

Floors

Cast in Place Concrete	10%			LIFE		**	5	\$2,200	
Ceramic Tile	5%			2030		**	5	\$500	
Vinyl Tile	85%			2032		**	3	\$3,300	

Interior Walls

Ceramic Tile	5%			2030		**	5	\$800	
Concrete Masonry Unit	55%			LIFE		**	5	\$3,600	
Gypsum Board	40%			LIFE		**	5	\$4,000	

Ceilings

AcousTileSusp.Lay-In	90%			2040		**	5	\$9,800	
AcousTileSusp.Lay-In	10%	Now		\$1,800	2032	**	5	\$500	

*Staining/Discoloring, Extent : Moderate, Area Affected : 20%**Location : Throughout**Water Penetration, Extent : Moderate, Area Affected : 10%**Location : Throughout*

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%				2047		**	5	\$100
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : One 1200 Amperes Main Disconnect Switch*

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

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

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

NEW YORK PUBLIC LIBRARY - 035
PARKCHESTER BRANCH LIBRARY
Asset # : 13356

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2047	**	5	\$100	
	Raceway								
	Conduit	100%			2047	**	1		
	Panelboards								
	Fused Disc Sw	5%			2043	**	5		
	Molded Case Bkrs	95%			2043	**	5	\$400	
	Wiring								
	Thermoplastic	100%			2047	**	1		
	Motor Controllers								
	Locally Mounted	30%			2040	**	5		
	Variable Frequency Drive	70%			2047	**			
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$200	
Lighting									
	Interior Lighting								
	Fluorescent	80%			2035	**	10	\$10,800	
		Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building Explanation : T-5 Lamps							
	Fluorescent	5%			2035	**	10	\$700	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
	Fluorescent	15%			2035	**	10	\$2,000	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
	Egress Lighting								
	Emergency, Battery	50%			2032	**	10	\$1,800	
	Exit, Service	50%			2032	**	1		
	Exterior Lighting								
	HID	100%			2032	**	10		
Alarm									
	Security System								
	No Component	80%							
	Generic	20%			2035	**	1	\$1,100	
	Fire/Smoke Detection								
	No Component	80%							
	Generic, Digital	20%			2035	**	1-3	\$1,800	
Mechanical									
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.

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

NEW YORK PUBLIC LIBRARY - 035
PARKCHESTER BRANCH LIBRARY
Asset # : 13356

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2047	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	\$7,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2049	* *	4	\$700	
Terminal Devices								
Air Handler	50%			2032	* *	1	\$4,600	
Convactor/Radiator	50%			2040	* *	1	\$2,400	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2028	\$523,100	2	\$900	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,200	
Exhaust Fans								
Interior	60%			2032	* *	2	\$300	
Roof	40%			2032	* *	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2053	* *	1		
Galvanized Steel	30%			2044	* *	1		
Water Heater								
Gas Fired	100%			2025	\$8,500	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1-2</i>								
<i>Explanation : 1 Unit</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : PELHAM BAY BRANCH LIBRARY
Address : 3060 MIDDLETOWN RD. @JARVIS AVE.
Borough : BRONX **Agency's Number** : P02
Program / Asset # : NPL0P02.000 / 13357 **Yr Built/Renovated** : 1975 / 2007
Area Sq Ft : 9,505 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 20-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 5404 **Lot** : 2 **BIN** : 2074963

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$95,500	
Electrical		\$96,400
Total	\$95,500	\$96,400
Importance Code A	\$95,500	
Importance Code B		\$96,400
Total	\$95,500	\$96,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$40,100			
Interior Architecture		\$10,500		
Electrical	\$1,200	\$1,200	\$900	\$2,500
Mechanical	\$3,700	\$2,000	\$7,200	\$5,200
Total	\$45,000	\$13,700	\$8,100	\$7,700
Importance Code A	\$40,600	\$500	\$500	\$600
Importance Code B	\$4,400	\$13,200	\$7,600	\$7,100
Importance Code C				
Total	\$45,000	\$13,700	\$8,100	\$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.

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

NEW YORK PUBLIC LIBRARY - 035
PELHAM BAY BRANCH LIBRARY
Asset # : 13357

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	100%	Now	\$29,400	LIFE	* *	5	\$19,200	
				Diagonal Cracks, Extent : Moderate, Area Affected : 1%					
				Location : South Side					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%					
				Location : Throughout					
	Windows								
	Aluminum	100%			2043	* *	5	\$2,000	
	Parapets								
	Pre-Cast Concrete	30%	0-2	\$10,700	LIFE	* *	5	\$1,900	
				Broken/Missing Elements, Extent : Severe, Area Affected : 10%					
				Location : Masonry Screen Wall At Rooftop Equipment Failed					
				Miss/Damaged Copings, Extent : Severe, Area Affected : 10%					
				Location : Copings At Masonry Screen Wall Failed					
	No Component	70%							
Roof									
	Modified Bitumen	100%	0-2	\$95,500	2037	* *			
				Blisters, Extent : Moderate, Area Affected : 10%					
				Location : Throughout					
Interior									
	Floors								
	Cast in Place Concrete	5%			LIFE	* *	5	\$1,600	
	Terrazzo	5%			LIFE	* *	5	\$600	
	Vinyl Tile	90%			2032	* *	3	\$4,800	
	Interior Walls								
	Concrete Masonry Unit	95%			LIFE	* *	5	\$6,100	
	Glass: Single Pane	5%			LIFE	* *	5	\$600	
	Ceilings								
	AcousTileConcealSpLn	100%			2040	* *	5	\$17,800	
Site									
	Enclosure								
	Fence/Gates								
	Iron Picket	100%			2047	* *			
	Retaining Walls								
	Masonry: Brick	100%			2037	* *			
Site Pavements									
	On-Site Walkways								
	Cast in Place Concrete	100%			2040	* *			

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

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
PELHAM BAY BRANCH LIBRARY
Asset # : 13357

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	100%			2027	\$1,500	5	\$300	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 500 Amperes Main Disconnect Switch									
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2027	\$32,700	5	\$300	
Raceway									
	Conduit	100%			2037	* *	1		
Panelboards									
	Molded Case Bkrs	100%			2035	* *	5	\$300	
Wiring									
	Thermoplastic	100%			2037	* *	1		
Motor Controllers									
	Locally Mounted	100%			2032	* *	5	\$100	
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$100	
Lighting									
Interior Lighting									
	Fluorescent	100%			2027	\$96,400	10	\$8,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 50%									
Location : Throughout									
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 50%									
Location : Throughout									
Egress Lighting									
	Exit, Service	100%			2022	\$1,400	1		
Exterior Lighting									
	HID	90%			2027	\$32,700	10		
	Incandescent	10%	4+	\$300	2027	\$3,100	2		
Damaged Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Exterior Step Lighting									
Alarm									
Security System									
	Generic	100%			2032	* *	1	\$3,600	
Fire/Smoke Detection									
	Generic, Digital	100%			2032	* *	1-3	\$5,900	

Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2047	* *	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2044	* *	1	\$4,700	

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.

NEW YORK PUBLIC LIBRARY - 035
PELHAM BAY BRANCH LIBRARY
Asset # : 13357

Mechanical		Current Repair		Future Replacement		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	100%			2043	**	4	\$700	
	Terminal Devices								
	Air Handler	60%			2035	**	1	\$3,500	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Mechanical Room							
	Convactor/Radiator	40%			2040	**	1	\$1,200	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Reciprocating	100%			2032	**	1	\$4,400	
	Compr/Chiller								
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2	\$12,400	
	Terminal Devices								
	Air Handler/Cool/Ht	100%			2035	**	1	\$5,900	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Mechanical Room							
	Heat Rejection								
	Dry Cooler	100%			2035	**	2	\$6,600	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Rooftop							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,300	
		Needs Cleaning, Extent : Moderate, Area Affected : 100%							
		Location : Throughtout							
	Exhaust Fans								
	Interior	10%			2022	\$3,200	2		
	Roof	90%			2027	\$13,500	2	\$300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	50%			2047	**	1		
	Galvanized Steel	50%			2040	**	1		
	Water Heater								
	Gas Fired	100%			2025	\$5,500	2	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Mechanical Room							
		Explanation : 1 - 40 Gallon							
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Non-Submersible	100%			2027	\$1,400	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.

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

NEW YORK PUBLIC LIBRARY - 035
PELHAM BAY BRANCH LIBRARY
Asset # : 13357

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2032	* *	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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : PORT RICHMOND BRANCH LIBRARY
Address : 75 BENNETT ST. @HEBERTON AVE.
Borough : STATEN ISLAND **Agency's Number** : P03
Program / Asset # : NPL0P03.000 / 13358 **Yr Built/Renovated** : 1905 /
Area Sq Ft : 9,757 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 09-May-2016 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 1007 **Lot** : 26 **BIN** : 5023763

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture		\$48,000
Electrical	\$35,600	\$172,900
Mechanical	\$49,400	\$485,900
Total	\$85,100	\$706,800
Importance Code A		\$77,900
Importance Code B	\$85,100	\$629,000
Total	\$85,100	\$706,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$28,900			
Interior Architecture	\$22,400	\$5,400	\$700	\$100
Electrical	\$4,700	\$1,000	\$1,000	\$43,900
Mechanical	\$5,100	\$2,800	\$1,400	\$10,400
Site Enclosure	\$600			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$65,700	\$13,100	\$7,100	\$58,400
Importance Code A	\$29,400	\$500	\$500	\$500
Importance Code B	\$27,200	\$12,200	\$6,600	\$57,900
Importance Code C	\$9,100	\$400		
Total	\$65,700	\$13,100	\$7,100	\$58,400



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.

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NEW YORK PUBLIC LIBRARY - 035
PORT RICHMOND BRANCH LIBRARY
Asset # : 13358

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	75%			LIFE	**	5	\$17,300	
	Masonry: Limestone	5%			LIFE	**	5	\$900	
	Stucco Cement	20%	Now	\$14,800	2032	**	5	\$5,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Windows									
	Aluminum	100%			2043	**	5	\$3,300	
Parapets									
	Wood Cornice	100%	Now	\$14,100	2037	**	5	\$17,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Deteriorated Finish, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Roof									
	Asphalt Shingle	100%			2036	**	10	\$2,500	
Interior									
Floors									
	Carpet	35%			2026	\$72,100	3	\$7,700	
	Ceramic Tile	5%			2030	**	5	\$700	
	Vinyl Tile	35%			2027	\$48,000	3	\$1,900	
	Vinyl Tile	5%	Now	\$6,900	2037	**	3	\$300	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%									
Location : 2nd Floor Apartment									
Loose/Delam Surface, Extent : Severe, Area Affected : 50%									
Location : 2nd Floor Apartment									
Worn/Eroded, Extent : Severe, Area Affected : 100%									
Location : 2nd Floor Apartment									
	Vinyl Tile 9" X 9"	2%			2027	\$3,600	3	\$100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Stairwell From Basement To First Floor									
Explanation : 9x9 Tiles									
	Wood	15%			2055	**	5	\$4,100	
	Wood	3%	Now	\$4,800	2055	**	5	\$400	
Water Penetration, Extent : Moderate, Area Affected : 50%									
Location : 2nd Floor Apartment									
Worn/Eroded, Extent : Moderate, Area Affected : 100%									
Location : 2nd Floor Apartment									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
PORT RICHMOND BRANCH LIBRARY
Asset # : 13358

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%			2030	**	5	\$800	
	Plaster	70%			LIFE	**	5	\$3,400	
	Plaster	20%	Now	\$8,600	LIFE	**	5	\$1,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%									
Location : Roof Stair, Basement And 2nd Floor Apartment									
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Roof Stair, Basement And 2nd Floor Apartment									
Water Penetration, Extent : Severe, Area Affected : 50%									
Location : Roof Stair And 2nd Floor Apartment									
	Wood	5%			LIFE	**	5	\$3,200	
Ceilings									
	Plaster	90%			LIFE	**	5	\$8,400	
	Plaster	5%	Now	\$2,200	LIFE	**	5	\$500	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%									
Location : 2nd Floor Apartment									
Water Penetration, Extent : Light, Area Affected : 50%									
Location : 2nd Floor Apartment									
	Wood	5%			LIFE	**	5	\$6,600	
Site Enclosure									
	Free Standing Walls								
	Masonry: Brick	100%	4+	\$600	2037	**			
Broken/Missing Elements, Extent : Light, Area Affected : 2%									
Location : Driveway Entrance									
Site Pavements									
	Public Sidewalk								
	Cast in Place Concrete	100%			2032	**			
Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	100%			2037	**	5		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Electrical Room									
Explanation : Two (2) 200 Amperes Main Disconnect Switch									
	Raceway								
	Conduit	100%			2037	**	1		
Panelboards									
	Fused Toggle Switch	5%	0-2	\$800	2052	**	5		
On Extended Life, Extent : Moderate, Area Affected : 100%									
Location : Second Floor									
	Molded Case Bkrs	45%			2035	**	5	\$100	
	Molded Case Bkrs	50%			2043	**	5	\$100	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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NEW YORK PUBLIC LIBRARY - 035
PORT RICHMOND BRANCH LIBRARY
Asset # : 13358

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	10%	2-4	\$3,100	2052	* *	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	90%			2037	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	67%			2027	\$72,400	10	\$6,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement And First Floor</i>								
<i>Explanation : Using T8 Lamps</i>								
Incandescent	33%			2022	\$35,600	2	\$100	
Egress Lighting								
Emergency, Service	60%			2022	\$3,200	1		
Exit, Service	40%			2022	\$600	1		
Exterior Lighting								
HID	75%			2022	\$30,500	10		
Incandescent	25%			2022	\$8,600	2		
Alarm								
Security System								
Generic	100%			2027	\$32,600	1	\$3,600	
Fire/Smoke Detection								
No Component	10%							
Generic, Digital	90%			2027	\$100,500	1-3	\$5,400	

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2047	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2025	\$77,900	1	\$4,800	
Distribution								
Hot Wtr Piping/Pump	100%			2026	\$15,700	4	\$500	
Terminal Devices								
Convactor/Radiator	5%			2025	\$2,700	1	\$200	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Most Cast Iron Radiators Are Obsolete</i>								
Fan Coil Unit/Heat	95%			2027	\$143,700	1	\$3,000	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

NEW YORK PUBLIC LIBRARY - 035
PORT RICHMOND BRANCH LIBRARY
Asset # : 13358

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	* *	1		
Conversion Equipment									
	Reciprocating Compr/Chiller	60%			2027	\$51,400	1	\$2,700	
	Window/Wall Unit	30%			2022	\$6,300	1		
	No Component	10%							
Terminal Devices									
	Fan Coil - 4 Pipe	100%			2027	\$212,900	1	\$3,200	
Heat Rejection									
	Dry Cooler	100%			2022	\$49,400	2	\$6,800	
Ventilation									
	Distribution								
	Not Accessible	100%							
Exhaust Fans									
	Interior	30%			2032	* *	2	\$100	
	Wall Unit	30%			2022	\$1,100	2	\$100	
	No Component	40%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	40%			2037	* *	1		
	Galvanized Steel	60%			2032	* *	1		
Water Heater									
	Gas Fired	100%			2025	\$6,200	2	\$100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 40 Gallons								
Sanitary Piping									
	Cast Iron	100%	Now	\$3,700	LIFE	* *	1		
	Leak Evident, Extent : Moderate, Area Affected : 5%								
	Location : Working Room In Basement Level								
Fixtures									
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : C, B, M.								
	Explanation : 1 Unit								

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : RICHMONDTOWN BRANCH LIBRARY
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 : 21-Mar-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 4470 **Lot** : 1 **BIN** : 5060744

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$293,100	
Interior Architecture		\$91,300
Electrical	\$38,700	
Mechanical		\$161,300
Total	\$331,800	\$252,600
Importance Code A	\$293,100	
Importance Code B	\$38,700	\$252,600
Total	\$331,800	\$252,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$300			
Interior Architecture	\$1,100	\$12,600	\$1,200	
Electrical	\$200	\$200	\$300	\$56,900
Mechanical	\$1,200	\$1,400	\$2,300	\$1,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$6,800	\$18,100	\$7,700	\$62,300
Importance Code A	\$1,100	\$600	\$800	\$700
Importance Code B	\$5,700	\$17,500	\$6,600	\$61,600
Importance Code C			\$400	
Total	\$6,800	\$18,100	\$7,700	\$62,300



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

NEW YORK PUBLIC LIBRARY - 035
RICHMONDTOWN BRANCH LIBRARY
Asset # : 13387

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	100%	Now	\$40,100	LIFE	**	5	\$26,200	
				Diagonal Cracks, Extent : Moderate, Area Affected : 5%					
				Location : Above Window At Northwest Corner					
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%					
				Location : Throughout					
Windows									
	Aluminum	60%			2043	**	5	\$3,200	
	Steel	15%	Now	\$42,600	2052	**	5	\$5,000	
				Corrosion/Rusting, Extent : Moderate, Area Affected : 25%					
				Location : Community Room					
				Deteriorated Finish, Extent : Moderate, Area Affected : 50%					
				Location : Community Room					
				Thermally Inefficient, Extent : Moderate, Area Affected : 50%					
				Location : Community Room					
	Wood	25%	Now	\$38,100	2052	**	5	\$6,700	
				Deteriorated Finish, Extent : Moderate, Area Affected : 50%					
				Location : South Facade					
				Dry Rot/Decay, Extent : Severe, Area Affected : 10%					
				Location : South Facade					
				Paint Peeling, Extent : Severe, Area Affected : 50%					
				Location : South Facade					
				Split/Cracked, Extent : Light, Area Affected : 25%					
				Location : South Facade					
Parapets									
	Masonry: Brick	15%			LIFE	**	5	\$100	
	Masonry: Limestone	5%	Now	\$300	LIFE	**	5		
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%					
				Location : Coping At North And South Sections Of Parapet					
				Caulking Deteriorated, Extent : Moderate, Area Affected : 25%					
				Location : Coping At North And South Parapets					
	No Component	80%							

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

NEW YORK PUBLIC LIBRARY - 035
RICHMONDTOWN BRANCH LIBRARY
Asset # : 13387

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Roof									
	Metal, Corrugated	50%	Now	\$76,000	2047	* *	1		
	Corrosion/Rusting, Extent : Light, Area Affected : 75%								
	Location : Throughout - High Wing								
	Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
	Location : High Wing								
	Water Penetration, Extent : Moderate, Area Affected : 5%								
	Location : Over Second Floor								
	Modified Bitumen	48%	Now	\$96,300	2037	* *			
	Blisters, Extent : Severe, Area Affected : 25%								
	Location : Throughout								
	Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 10%								
	Location : North East Entrance								
	Ponding, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Ridging, Extent : Severe, Area Affected : 20%								
	Location : Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 15%								
	Location : Above North East Corner Entrance And Roof Penetrations								
	Skylight, Plastic	2%			2044	* *	1		
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : Community Room								
Interior									
Floors									
	Carpet	67%			2026	\$177,100	3	\$20,500	
	Cast in Place Concrete	5%	4+	\$1,100	LIFE	* *	5	\$2,200	
	Paint Peeling, Extent : Moderate, Area Affected : 35%								
	Location : Throughout								
	Ceramic Tile	5%			2036	* *	5	\$1,000	
	Ceramic Tile	3%			2036	* *	5	\$600	
	Recent Replace Evident, Extent : Light, Area Affected : 50%								
	Location : Staff Bathrooms								
	Vinyl Tile	20%			2032	* *	3	\$1,500	
Interior Walls									
	Ceramic Tile	3%			2036	* *	5	\$700	
	Recent Replace Evident, Extent : Light, Area Affected : 50%								
	Location : Staff Bathrooms								
	Concrete Masonry Unit	47%			LIFE	* *	5	\$4,600	
	Glass: Single Pane	3%			LIFE	* *	5	\$600	
	Gypsum Board	40%			LIFE	* *	5	\$5,900	
	Masonry: Brick	2%			LIFE	* *			
	SGFT/Glazed Masonry	5%			LIFE	* *			

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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.

NEW YORK PUBLIC LIBRARY - 035
RICHMONDTOWN BRANCH LIBRARY
Asset # : 13387

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									
	Ceilings								
	AcousTileSusp.Lay-In	50%			2040	* *	5	\$10,400	
			Recent Replace Evident, Extent : Light, Area Affected : 50%						
			Location : First Floor And Staff Area						
	Wood	50%			LIFE	* *	5	\$91,300	
			Recent Repair Evident, Extent : Light, Area Affected : 15%						
			Location : Community Room						
Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2027	\$1,500	5	\$100	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Electrical Room						
			Explanation : One 400 Amperes, One 300 Amperes, And Two 200 Amperes Main Disconnect Switch						
	Raceway								
	Conduit	70%			2027	\$22,200	1		
	Conduit	30%			2047	* *	1		
	Panelboards								
	Fused Disc Sw	7%			2026	\$1,100	5		
	Fused Disc Sw	3%			2043	* *	5		
	Molded Case Bkrs	60%			2026	\$9,100	5	\$200	
	Molded Case Bkrs	30%			2043	* *	5	\$100	
	Wiring								
	Thermoplastic	70%			2027	\$19,700	1		
	Thermoplastic	30%			2047	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2025	\$30,600	5	\$100	
Ground									
	Grounding Devices								
	Generic	50%			LIFE	* *	5	\$100	
	Generic	50%			LIFE	* *	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	95%			2032	* *	10	\$12,600	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Throughout The Building						
			Explanation : T8 Lamps						
	Fluorescent	5%			2032	* *	10	\$700	
			Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%						
			Location : Throughout The Building						

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NEW YORK PUBLIC LIBRARY - 035
RICHMONDTOWN BRANCH LIBRARY
Asset # : 13387

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

Lighting

Egress Lighting									
Emergency, Battery	50%				2022	\$9,900	10	\$1,700	
Exit, Service	50%				2022	\$1,000	1		
Exterior Lighting									
Fluorescent	30%				2032	* *	10	\$400	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Front And Back Of The Building</i>									
HID	70%				2022	\$38,700	10		

Alarm

Fire/Smoke Detection									
No Component	80%								
Generic, Analog	20%				2022	\$30,300	1-3	\$1,800	

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

Heating

Energy Source									
Electricity	40%				2047	* *	1		
Natural Gas	60%				2047	* *	1		
Conversion Equipment									
Furnace	40%				2032	* *	1	\$2,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Roof</i>									
<i>Explanation : Exterior Units. 4 Units</i>									
Hot Water Boiler	50%				2040	* *	1	\$3,600	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>									
<i>Location : Boiler Room</i>									
<i>Explanation : Gas Fired, 1 Unit</i>									
Radiant Heater	10%				2027	\$24,300	2	\$700	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>									
<i>Location : Various</i>									
<i>Explanation : Electric Baseboard Radiators</i>									
Distribution									
Hot Wtr Piping/Pump	20%				2043	* *	4	\$200	
No Component	80%								
Terminal Devices									
Convactor/Radiator	20%				2040	* *	1	\$900	
No Component	80%								
Air Conditioning									
Energy Source									
Electricity	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.

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

NEW YORK PUBLIC LIBRARY - 035
RICHMONDTOWN BRANCH LIBRARY
Asset # : 13387

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Int Pkg Unit - Heating/Cooling	20%			2028	\$58,300	2	\$200	
		R-22 Refrigerant, Extent : Moderate, Area Affected : 100%							
		Location : Roof							
	Reciprocating Compr/Chiller	20%			2032	**	1	\$1,300	
	Ext Pkg Unit - Heating/Cooling	60%			2027	\$103,000	2	\$500	
		R-22 Refrigerant, Extent : Moderate, Area Affected : 100%							
		Location : Roof							
	Heat Rejection								
	Dry Cooler	20%			2032	**	2	\$2,000	
	No Component	80%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,100	
	Exhaust Fans								
	Interior	10%			2032	**	2		
	Roof	90%			2032	**	2	\$400	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2040	**	1		
	Water Heater								
	Gas Fired	100%			2025	\$8,400	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1,2							
		Explanation : One Unit							
Fire Suppression									
	Sprinkler								
	No Component	95%							
	Generic	5%			2047	**	1-2	\$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.

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : RIVERDALE BRANCH LIBRARY
Address : 5540 MOSHOLU AVE. @W. 256 STREET
Borough : BRONX **Agency's Number** : R01
Program / Asset # : NPL0R01.000 / 13361 **Yr Built/Renovated** : 1965 /
Area Sq Ft : 7,500 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 25-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 5848 **Lot** : 1729 **BIN** : 2084790

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$47,700	
Electrical		\$46,600
Mechanical		\$89,100
Total	\$47,700	\$135,700
Importance Code A	\$47,700	
Importance Code B		\$135,700
Total	\$47,700	\$135,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$38,200	\$2,400		\$25,300
Interior Architecture	\$31,500	\$700	\$100	\$3,400
Electrical	\$5,600	\$300	\$300	\$4,100
Mechanical	\$1,500	\$400	\$5,100	\$400
Site Enclosure	\$2,900			
Total	\$79,800	\$3,800	\$5,500	\$33,300
Importance Code A	\$40,100	\$2,800	\$400	\$25,700
Importance Code B	\$10,600	\$1,100	\$5,100	\$7,600
Importance Code C	\$29,100			
Total	\$79,800	\$3,800	\$5,500	\$33,300



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.

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

NEW YORK PUBLIC LIBRARY - 035
RIVERDALE BRANCH LIBRARY
Asset # : 13361

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	100%	Now	\$47,700	LIFE	**	5	\$15,600	
Water Penetration, Extent : Moderate, Area Affected : 30%									
Location : North And East Walls									
Windows									
	Aluminum	100%			2049	**	5	\$300	
Parapets									
	Cast Stone/Terra Cotta	5%			LIFE	**	5	\$1,200	
	Masonry: Brick	32%			LIFE	**	5	\$1,000	
	Masonry: Brick	8%	Now	\$14,000	LIFE	**	5	\$200	
Diagonal Cracks, Extent : Severe, Area Affected : 100%									
Location : End Of Parapet Wall At Rear Of Flat Roof									
	Metal Rail	15%			2032	**	5-10	\$8,100	
	Metal: Cage/Fence	40%	4+	\$24,000	2047	**	5	\$3,900	
Deformed/Dented, Extent : Moderate, Area Affected : 20%									
Location : Low Roof Area Around Mechanical Equipment									
Roof									
	Asphalt Shingle	80%			2030	**	10	\$2,400	
	Built-Up (BUR)	20%			2022	\$16,800	10	\$3,600	
Alligatoring, Extent : Moderate, Area Affected : 60%									
Location : Throughout									
Blisters, Extent : Moderate, Area Affected : 30%									
Location : Scattered Locations									
Ponding, Extent : Moderate, Area Affected : 20%									
Location : At End Of Roof									
Interior									
Floors									
	Carpet	94%			2028	\$88,400	3	\$13,700	
	Ceramic Tile	3%			2036	**	5	\$200	
	Vinyl Tile	3%	4+	\$1,900	2037	**	3	\$100	
Worn/Eroded, Extent : Moderate, Area Affected : 30%									
Location : Interior Offices - Book Carts Have Damaged Floors									
Interior Walls									
	Concrete Masonry Unit	90%	Now	\$20,500	LIFE	**	5	\$7,300	
Water Penetration, Extent : Moderate, Area Affected : 50%									
Location : At South And East Walls									
	Wood	10%	4+	\$5,700	LIFE	**	5	\$8,100	
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Water Damage At Base Of Wood Walls In Children Reading Area									
Ceilings									
	AcousTileConcealSpLn	15%			2040	**	5	\$1,400	
	Exposed Struc: Wood	80%			LIFE	**			
	Wood	5%			LIFE	**	5	\$3,200	
Site Enclosure									

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

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

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

NEW YORK PUBLIC LIBRARY - 035
RIVERDALE BRANCH LIBRARY
Asset # : 13361

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

Site Enclosure

Free Standing Walls

Masonry: Brick

100% Now \$2,900 2053 * *

Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 10%
Location : Concrete Copings At Top Of Wall Need Caulking

Site Pavements

Public Sidewalk

Cast in Place Concrete

100% 2040 * *

On-Site Walkways

Cast in Place Concrete

100% 2040 * *

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100% Now \$1,500 2057 * * 5

Mech. Misoperation, Extent : Moderate, Area Affected : 100%
Location : Main Switch Trips Every 2 Months
Other Observation, Extent : Moderate, Area Affected : 100%
Location : Electrical Room
Explanation : One 200 Amperes Main Disconnect Switch

Switchgear / Switchboard

Fused Disc Sw

100% 2037 * * 5

Raceway

Conduit

100% 2037 * * 1

Panelboards

Molded Case Bkrs

50% 2035 * * 5 \$100

Molded Case Bkrs

50% 2043 * * 5 \$100

Wiring

Thermoplastic

50% 2047 * * 1

Thermoplastic

50% 2037 * * 1

Motor Controllers

Locally Mounted

100% 2032 * * 5 \$100

Ground

Grounding Devices

Generic

100% 2-4 \$3,900 LIFE * * 5 \$100

Other Observation, Extent : Moderate, Area Affected : 100%
Location : Water Main
Explanation : Corroded

Lighting

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NEW YORK PUBLIC LIBRARY - 035
RIVERDALE BRANCH LIBRARY
Asset # : 13361

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	5%			2027	\$3,800	10	\$300	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
HID	90%			2027	\$46,600	10	\$200	
Incandescent	5%			2022	\$3,800	2		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : In Restrooms</i>								
<i>Explanation : Incandescent Lighting Observed</i>								
Egress Lighting								
Emergency, Service	50%			2027	\$1,900	1		
Exit, Service	50%			2027	\$500	1		
Alarm								
Security System								
Generic	100%			2027	\$23,000	1	\$2,800	
Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2047	* *	1		
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
Conversion Equipment								
Furnace	100%			2027	\$16,800	1	\$3,700	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,200	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2027	\$89,100	2	\$500	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$9,800	
Heat Rejection								
Air Cooled Condenser Unit	100%			2027	\$14,300	2	\$5,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,200	
Exhaust Fans								
Interior	100%			2032	* *	2	\$200	
Plumbing								

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NEW YORK PUBLIC LIBRARY - 035
RIVERDALE BRANCH LIBRARY
Asset # : 13361

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2040	* *	1		
	Water Heater								
	Electric	20%			2025	\$1,300	4		
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Restroom							
		Explanation : 1-5 Gallon							
	Gas Fired	80%			2025	\$3,500	2	\$100	
		Other Observation, Extent : Light, Area Affected : 80%							
		Location : Mechanical Room							
		Explanation : 1-40 Gallon							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE
Address : 515 MALCOLM X BOULEVARD @W. 135 STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : NPL0002.000 / 1925 **Yr Built/Renovated** : 1975 / 2006
Area Sq Ft : 40,150 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 29-Mar-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,4,PEN
Block : 1920 **Lot** : 29 **BIN** : 1058276

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$133,400	\$91,000
Interior Architecture	\$46,600	\$97,900
Electrical	\$285,100	
Mechanical		\$194,400
Total	\$465,100	\$383,300
Importance Code A	\$133,400	\$91,000
Importance Code B	\$331,600	\$292,300
Total	\$465,100	\$383,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$55,900	\$3,900		\$25,500
Interior Architecture		\$9,900	\$3,600	\$9,200
Electrical	\$800	\$1,400	\$1,100	\$37,200
Mechanical	\$15,100	\$21,500	\$16,000	\$21,200
Elevators/Escalators	\$9,900	\$9,900	\$9,900	\$9,900
Total	\$81,500	\$46,500	\$30,600	\$102,900
Importance Code A	\$59,500	\$7,500	\$3,700	\$29,200
Importance Code B	\$22,000	\$39,000	\$26,200	\$73,700
Importance Code C			\$800	
Total	\$81,500	\$46,500	\$30,600	\$102,900



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 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
SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE
Asset # : 1925

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick Cavity	95%			LIFE	* *	5	\$91,000	
		Efflorescence, Extent : Moderate, Area Affected : 20%							
		Location : East Facade							
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : 4th Floor Stacks And Stairwell							
	Window Wall	5%			2047	* *	5	\$18,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Entrance Facade							
		Explanation : Fritted Glass							
Windows									
	Aluminum	85%	Now	\$133,400	2035	* *	5	\$5,200	
		Air Infiltration, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 35%							
		Location : East Facade - Soffits Above Windows At Offices And South Facing Transom Windows							
		Weather Strip Missing, Extent : Moderate, Area Affected : 50%							
		Location : 2nd Floor Windows							
	Glass Block	10%	Now	\$3,100	LIFE	* *	5	\$800	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
		Location : 3rd Floor							
		Water Penetration, Extent : Moderate, Area Affected : 5%							
		Location : East Facade At Offices							
	Metal Louvers	5%			2030	* *	10	\$3,900	
Parapets									
	Masonry: Brick Cavity	30%	Now	\$5,900	LIFE	* *	5	\$1,300	
		Worn/Eroded, Extent : Moderate, Area Affected : 15%							
		Location : West Facade Above Bay Window							
	Metal Panel	5%			2047	* *	5	\$800	
	Metal Rail	35%			2032	* *	5-10	\$26,500	
	Metal Rail	25%	0-2	\$28,300	2047	* *	5	\$7,400	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : Parapets Above Langston Hughes Wing							
		Deteriorated Finish, Extent : Moderate, Area Affected : 35%							
		Location : Parapets Above Langston Hughes Wing							
	Pre-Cast Concrete	5%	Now	\$400	LIFE	* *	5	\$1,300	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Throughout Coping							

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

NEW YORK PUBLIC LIBRARY - 035
SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE
Asset # : 1925

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Roof									
Modified Bitumen	65%	Now	\$18,200	2032	**				
	Blisters, Extent : Moderate, Area Affected : 10%								
	Location : Throughout And At Pitch Pockets								
	Ponding, Extent : Moderate, Area Affected : 20%								
	Location : Around Rooftop Units And Bay Window Roof - West Facade								
	Water Penetration, Extent : Moderate, Area Affected : 20%								
	Location : In 4th Floor Stacks Throughout								
Under Construction	35%								
	Other Observation, Extent : Light, Area Affected : 0%								
	Location : Langston Hughes Wing								
	Explanation : Repairs In Progress								
Interior									
Floors									
Carpet	15%			2026	\$110,200	3	\$12,800		
Cast in Place Concrete	20%			LIFE	**	5	\$24,900		
Ceramic Tile	5%			2036	**	5	\$2,800		
Cork Tile	5%			2037	**	5	\$2,500		
Marble Panels	5%			LIFE	**	5	\$2,100		
Terrazzo	10%			LIFE	**	5	\$4,400		
Vinyl Tile	20%			2027	\$97,900	3	\$4,300		
Wood	5%			2042	**	5	\$5,300		
Under Construction	15%								
	Other Observation, Extent : Light, Area Affected : 0%								
	Location : 2nd Floor								
	Explanation : Interior Renovation								
Interior Walls									
Ceramic Tile	5%			2036	**	5	\$1,500		
Concrete Masonry Unit	20%			LIFE	**	5	\$2,400		
	Efflorescence, Extent : Moderate, Area Affected : 10%								
	Location : 4th Floor								
Gypsum Board	40%			LIFE	**	5	\$7,300		
Metal Panel	5%			LIFE	**				
Plaster	10%			LIFE	**	5	\$900		
Wood	5%			LIFE	**	5	\$6,000		
Under Construction	15%								
	Other Observation, Extent : Light, Area Affected : 0%								
	Location : 2nd Floor								
	Explanation : Interior Renovation								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE
Asset # : 1925

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

Ceilings

AcousTileConcealSpLn 10% Now \$46,600 2047 * * 5 \$3,600

Broken/Missing Elements, Extent : Severe, Area Affected : 35%

Location : 2nd Floor Manuscripts Area

Cracking/Crumbling, Extent : Moderate, Area Affected : 25%

Location : 2nd Floor Manuscripts Area

AcousTileConcealSpLn 15% 2032 * * 5 \$10,700

AcousTileSusp.Lay-In 20% 2040 * * 5 \$11,400

Exposed Concrete 25% LIFE * * 5 \$2,200

Exposed Struc: Steel 5% LIFE * * 5

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

Location : Throughout

Explanation : Actually Metal Decking

Metal Panel 5% LIFE * * 5 \$3,600

Plaster 5% LIFE * * 5 \$1,800

Under Construction 15%

Other Observation, Extent : Light, Area Affected : 0%

Location : 2nd Floor

Explanation : Interior Renovation

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

Under 600 Volts

Service Equipment

Fused Disc Sw 50% 2027 \$2,500 5 \$100

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

Location : Electrical Room

Explanation : One 2000 Amperes Main Disconnect Switch

Fused Disc Sw 50% 2047 * * 5 \$100

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

Location : Electrical Room

Explanation : One 2000 Amperes Main Disconnect Switch

Switchgear / Switchboard

Fused Disc Sw 50% 2027 \$16,400 5 \$100

Fused Disc Sw 50% 2047 * * 5 \$100

Raceway

Conduit 60% 2027 \$19,100 1

Conduit 40% 2047 * * 1

Panelboards

Fused Disc Sw 7% 2026 \$2,100 5 \$100

Fused Disc Sw 3% 2043 * * 5

Molded Case Bkrs 60% 2026 \$18,200 5 \$600

Molded Case Bkrs 30% 2043 * * 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.

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

NEW YORK PUBLIC LIBRARY - 035
SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE
Asset # : 1925

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	70%			2027	\$19,700	1		
Thermoplastic	30%			2047	* *	1		
Motor Controllers								
Locally Mounted	10%			2040	* *	5		
Motor Control Center	90%			2040	* *	5	\$1,000	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	\$300	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
	Explanation : Connected To Metal Water Pipe							
Generic	50%			LIFE	* *	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	70%			2022	\$285,100	10	\$25,800	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The Building							
	Explanation : T-12 Lamps							
Fluorescent	15%			2035	* *	10	\$5,500	
	T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
	Location : Offices							
Fluorescent	10%			2032	* *	10	\$3,700	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The Building							
	Explanation : T-8 Lamps							
Fluorescent	5%			2032	* *	10	\$1,800	
	Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The Building							
Egress Lighting								
Emergency, Battery	50%			2032	* *	10	\$4,800	
Exit, LED	40%			2055	* *	1		
Exit, Service	10%			2032	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10	\$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	\$3,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2035	* *	1-3	\$5,000	

Mechanical		Current Repair		Future Replacement		Maintenance		
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.

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

NEW YORK PUBLIC LIBRARY - 035
SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE
Asset # : 1925

Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2047	**	1		
	Conversion Equipment								
	Furnace	15%			2027	\$13,500	1	\$3,000	
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Part Of AC Units							
		Explanation : 6 Units							
	Steam Boiler	85%			2040	**	1	\$33,800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Penthouse							
		Explanation : 2 Units							
Distribution									
	Hot Wtr Piping/Pump	15%			2043	**	4	\$400	
	Central Plant Steam Piping/Pmp	85%			2037	**	4	\$1,700	
Terminal Devices									
	Air Handler	80%			2032	**	1	\$19,900	
	Convactor/Radiator	20%			2040	**	1	\$2,600	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	85%			2032	**	1	\$15,800	
		R-22 Refrigerant, Extent : Light, Area Affected : 100%							
		Location : Penthouse Chillers							
	Ext Pkg Unit - Heating/Cooling	15%			2027	\$71,500	2	\$400	
		R-22 Refrigerant, Extent : Light, Area Affected : 100%							
		Location : Roof							
Distribution									
	CW & CHW Wtr Pipe/Pump	85%			2047	**	4	\$2,500	
	No Component	15%							
Terminal Devices									
	Air Handler/Cool/Ht	100%			2032	**	1	\$24,800	
Heat Rejection									
	Water Cooling Tower	85%			2028	\$122,900	2	\$34,300	
	No Component	15%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$22,400	
	Exhaust Fans								
	Interior	85%			2032	**	2	\$1,000	
	Roof	15%			2027	\$9,500	2	\$200	

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NEW YORK PUBLIC LIBRARY - 035
SCHOMBURG CENTER FOR RESEARCH IN BLACK CULTURE
Asset # : 1925

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2040	* *	1		
	Water Heater								
	Gas Fired	100%			2025	\$23,200	2	\$600	
	HW Heat Exchanger								
	Steam Fired	100%			2047	* *	4	\$6,000	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2020	\$1,300	4	\$1,300	
	Sewage Ejector(s)								
	Electric	100%			2032	* *	4	\$2,400	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Geared Traction	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : B-4							
		Explanation : Two Units							
Fire Suppression									
	Standpipe								
	No Component	50%							
	Generic	50%			2047	* *	1-5	\$10,100	
	Sprinkler								
	No Component	50%							
	Generic	50%			2047	* *	1-2	\$5,600	
	Fire Pump								
	Generic	100%			2036	* *	1	\$7,500	

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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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$1,263,100	\$624,000
Interior Architecture		\$206,100
Electrical	\$50,100	\$440,300
Mechanical	\$266,500	\$412,900
Total	\$1,579,800	\$1,683,300
Importance Code A	\$1,263,100	\$677,700
Importance Code B	\$316,600	\$956,500
Importance Code C		\$49,000
Total	\$1,579,800	\$1,683,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$30,600			
Interior Architecture	\$44,600		\$19,000	\$251,800
Electrical	\$900	\$800	\$1,200	\$900
Mechanical	\$2,700	\$2,300	\$4,400	\$27,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$82,800	\$7,100	\$28,500	\$284,100
Importance Code A	\$31,700	\$1,100	\$1,100	\$1,100
Importance Code B	\$51,000	\$6,000	\$27,400	\$279,000
Importance Code C				\$4,100
Total	\$82,800	\$7,100	\$28,500	\$284,100



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.

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NEW YORK PUBLIC LIBRARY - 035
SCHOMBURG CENTER FOR RESEARCH MCKINN BLDG.

Asset # : 2824

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls	Masonry: Brick	65%	Now	\$363,000	LIFE	**	5	\$54,400	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
	Masonry: Limestone	35%	Now	\$707,700	LIFE	**	5	\$22,000	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
Windows									
	Wood	100%			2031	**	5	\$172,100	
Parapets									
	Masonry: Brick	20%	Now	\$54,000	LIFE	**	5	\$4,200	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : East And West Parapets							
		Vegetation Growth, Extent : Moderate, Area Affected : 10%							
		Location : Exterior Face Of East And West Facade							
		Worn/Eroded, Extent : Moderate, Area Affected : 20%							
		Location : East And West Parapets							
	Masonry: Limestone	5%			LIFE	**	5	\$1,300	
	Metal Cornice	25%			2038	**	10	\$17,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : South Facade							
		Explanation : This Component Is Actually Copper Cornice							
	Metal Rail	50%	Now	\$15,600	2028	\$312,000	5	\$75,100	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
Roof									
	Built-Up (BUR)	50%	Now	\$12,900	2028	\$64,300			
		Vegetation Growth, Extent : Severe, Area Affected : 20%							
		Location : Highest Roof, Over 3rd Floor							
		Water Penetration, Extent : Severe, Area Affected : 10%							
		Location : Highest Roof, Over 3rd Floor							
	Built-Up (BUR)	25%			2023	\$32,100	10	\$6,300	
		Ponding, Extent : Moderate, Area Affected : 10%							
		Location : Around Rooftop Units							
	Cement-Fiber Panel	25%			2019	\$52,400	5	\$4,400	
		Worn/Eroded, Extent : Light, Area Affected : 25%							
		Location : Sloped Roof							

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NEW YORK PUBLIC LIBRARY - 035
SCHOMBURG CENTER FOR RESEARCH MCKINN BLDG.

Asset # : 2824

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								
Floors								
Carpet	30%	4+	\$11,800	2022	\$235,800	3	\$25,100	
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : 1st Floor 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	\$7,900	2028	\$157,100	3	\$6,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Corridor								
Deflection Evident, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor 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	\$24,900	2043	**	5	\$1,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor Moving Image And Recorded Sound Division Office								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : 3rd Floor Moving Image And Recorded Sound Division Office								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : 3rd Floor Moving Image And Recorded Sound Division Office								
Exposed Struc: Steel	5%			LIFE	**			
Gypsum Board	30%			LIFE	**	5	\$20,900	
Plaster	20%			LIFE	**	5	\$7,000	

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2023	\$2,800	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : 1200 Amperes							
Switchgear / Switchboard									
	Fused Disc Sw	100%			2023	\$35,700	5	\$100	
Raceway									
	Conduit	90%			2023	\$31,200	1		
	Conduit	10%			2049	* *	1		

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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
SCHOMBURG CENTER FOR RESEARCH MCKINN BLDG.

Asset # : 2824

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Molded Case Bkrs	80%			2031	* *	5	\$600	
	Molded Case Bkrs	20%			2045	* *	5	\$100	
Wiring									
	Thermoplastic	80%			2033	* *	1		
	Thermoplastic	20%			2049	* *	1		
Motor Controllers									
	Locally Mounted	100%			2021	\$50,100	5	\$200	
Ground									
Grounding Devices									
	Not Accessible	100%							
Lighting									
Interior Lighting									
	Fluorescent	95%			2023	\$289,600	10	\$24,000	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-12 Lamps									
	HID	5%			2023	\$10,400	10		
Egress Lighting									
	Emergency, Battery	50%			2028	\$20,500	10	\$3,300	
	Exit, Service	50%			2028	\$2,200	1		
Exterior Lighting									
	HID	100%			2023	\$115,000	10	\$100	
Alarm									
Security System									
	No Component	70%							
	Generic	30%			2031	* *	1	\$3,100	
Fire/Smoke Detection									
	No Component	70%							
	Generic	30%			2031	* *	1-3	\$5,200	

Mechanical		Current Repair		Future Replacement		Maintenance		
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								
Furnace	80%			2028	\$53,700	1	\$10,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : AC Units								
Explanation : 2 Units								
No Component	20%							

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NEW YORK PUBLIC LIBRARY - 035
SCHOMBURG CENTER FOR RESEARCH MCKINN BLDG.
Asset # : 2824

Mechanical		Current Repair		Future Replacement		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	\$400	
			Other Observation, Extent : Light, Area Affected : 20%						
			Location : Various Areas						
			Explanation : Supplied From Schomburg Main Building						
	No Component	80%							
Terminal Devices									
	Convactor/Radiator	20%			2028	\$24,400	1	\$1,800	
	No Component	80%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2039	* *	1		
Conversion Equipment									
	Interior Pkg Unit - Cooling	25%			2021	\$266,500	2	\$400	
			R-22 Refrigerant, Extent : Light, Area Affected : 100%						
			Location : Throughout						
	Exterior Pkg Unit - Cooling	75%			2028	\$173,200	2	\$1,300	
			R-22 Refrigerant, Extent : Light, Area Affected : 100%						
			Location : Roof						
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$15,400	
Exhaust Fans									
	Interior	60%			2023	\$60,900	2	\$500	
	Roof	40%			2023	\$18,900	2	\$300	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2028	\$125,100	1		
Water Heater									
	Electric	100%			2022	\$25,100	4	\$200	
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Non-Submersible	100%			2028	\$4,300	4	\$900	
Fixtures									
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : B-3, Located In Langston Hughes Hall						
			Explanation : One Unit						
Fire Suppression									

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

**NEW YORK PUBLIC LIBRARY - 035
SCHOMBURG CENTER FOR RESEARCH MCKINN BLDG.**

Asset # : 2824

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture		\$251,900
Electrical	\$151,400	
Mechanical		\$9,819,600
Total	\$151,400	\$10,071,500
Importance Code B	\$151,400	\$9,995,100
Importance Code C		\$76,400
Total	\$151,400	\$10,071,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Interior Architecture	\$1,300		\$98,100	
Electrical	\$6,000	\$28,700	\$8,700	\$6,000
Mechanical	\$94,500	\$39,000	\$82,800	\$16,300
Elevators/Escalators	\$23,700	\$23,700	\$23,700	\$23,700
Total	\$125,400	\$91,400	\$213,400	\$46,000
Importance Code A	\$5,200	\$400		
Importance Code B	\$120,300	\$91,000	\$213,400	\$46,000
Importance Code C				
Total	\$125,400	\$91,400	\$213,400	\$46,000



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 years is not included in this report.

NEW YORK PUBLIC LIBRARY - 035
SCIENCE, INDUSTRY AND BUSINESS LIBRARY
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
Interior									
Floors									
	Carpet	73%			2024	\$2,678,000	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	**			
Electrical									
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	100%			2035	**	5	\$800	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : Two 1600 Amperes Main Disconnect Switch									
Transformers									
	Dry Type	100%			2030	**	5	\$700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : 1- 1000 Kva 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		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
SCIENCE, INDUSTRY AND BUSINESS LIBRARY**

Asset # : 4227

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	20%			2038	**	5	\$200	
Motor Control Center	60%			2038	**	5	\$3,000	
Variable Frequency Drive	20%			2042	**			
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$2,700	
Lighting								
Interior Lighting								
Fluorescent	25%			2030	**	10	\$39,800	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	70%			2030	**	10	\$111,500	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
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	65%							
Generic	35%			2033	**	1	\$23,900	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	**	1-3	\$39,500	

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2035	**	1		
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2034	**	5	\$10,300	
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Heat Exchangers</i>								

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

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

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

NEW YORK PUBLIC LIBRARY - 035
SCIENCE, INDUSTRY AND BUSINESS LIBRARY
Asset # : 4227

Mechanical		Current Repair		Future Replacement		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	40%			2033	**	4	\$3,400	
	Central Plant Steam Piping/Pmp	60%			2045	**	4	\$5,100	
Terminal Devices									
	Air Handler	60%			2025	\$1,517,400	1	\$64,500	
	Convactor/Radiator	30%			2030	**	1	\$16,800	
	Fan Coil Unit/Heat	10%			2030	**	1	\$5,600	
Air Conditioning									
Energy Source									
	Electricity	100%			2041	**	1		
Conversion Equipment									
	Interior Pkg Unit - Cooling	100%			2023	\$6,724,500	2	\$10,600	
Distribution									
	CW & CHW Wtr Pipe/Pump	100%			2035	**	4	\$12,800	
Heat Rejection									
	Water Cooling Tower	100%			2023	\$682,500	2	\$174,800	
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$96,900	
Exhaust Fans									
	Interior	100%			2025	\$639,800	2	\$5,300	
Plumbing									
	H/C Water Piping Brass/Copper	100%	0-2	\$26,800	2035	**	1		
Corroded, Extent : Moderate, Area Affected : 10% Location : Water Main, Lower Level									
Water Heater									
	Gas Fired	100%			2023	\$109,700	2	\$2,500	
Sanitary Piping									
	Cast Iron	100%			LIFE	**	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	**	1		
Sewage Ejector(s)									
	Electric	100%			2025	\$54,600	4	\$7,300	
Backflow Preventer									
	Generic	100%			2025	\$48,100	1	\$11,200	
Fixtures									
	Generic	100%							
Vertical Transport									

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

Estimates are rounded to the nearest hundred dollars.

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

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

NEW YORK PUBLIC LIBRARY - 035
SCIENCE, INDUSTRY AND BUSINESS LIBRARY

Asset # : 4227

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport									
Elevators									
	Geared Traction	70%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 70%							
		Location : B-7							
		Explanation : 2 Freight Units							
	Hydraulic	30%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : L L- G							
		Explanation : 2 Pass Units							
Fire 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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : SEDGWICK BRANCH LIBRARY
Address : 1701 MARTIN LUTHER KING JR. BLVD @W. 176 ST.
Borough : BRONX **Agency's Number** : S03
Program / Asset # : NPL0S03.000 / 13365 **Yr Built/Renovated** : 1951 / 2000
Area Sq Ft : 7,360 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 21-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 2878 **Lot** : 224 **BIN** : 2009005

CAPITAL**Total**

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$13,300	\$5,800		\$15,500
Interior Architecture		\$1,400	\$500	\$5,500
Electrical	\$300	\$300	\$300	\$7,200
Mechanical	\$500	\$1,000	\$3,800	\$1,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$18,000	\$12,300	\$8,600	\$33,200
Importance Code A	\$13,500	\$6,300	\$200	\$16,100
Importance Code B	\$4,600	\$6,000	\$8,100	\$17,100
Importance Code C			\$300	
Total	\$18,000	\$12,300	\$8,600	\$33,200



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 - 035
SEDGWICK BRANCH LIBRARY
Asset # : 13365

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cement-Fiber Panel	35%	2-4	\$12,600	2032	**			
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Cracking Evident At Face Of Panels Along Side Wall (Park Side)									
	Concrete Masonry Unit	50%			LIFE	**	5	\$7,900	
	Metal Panel	15%			2047	**	5-10	\$25,900	
Deformed/Dented, Extent : Light, Area Affected : 5%									
Location : Dents From Vandalism Evident									
Windows									
	Aluminum	100%			2043	**	5	\$3,100	
Parapets									
	Concrete Masonry Unit	45%			LIFE	**	5	\$1,000	
	Metal Panel	3%			2047	**	5	\$200	
	Metal Rail	25%			2040	**	5-10	\$8,500	
	Pre-Cast Concrete	2%			LIFE	**	5	\$200	
	Stucco Cement	25%			2040	**	5	\$1,200	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Second Floor									
Explanation : This Component Is Actually Cement Fiber Board.									
Roof									
	Metal Panel	10%	Now	\$700	2040	**			
Debris Present, Extent : Severe, Area Affected : 2%									
Location : Entrance Canopy Drain Clogged With Debris									
	Modified Bitumen	90%			2032	**	10	\$8,300	
Interior									
Floors									
	Carpet	15%			2023	\$21,400	3	\$2,500	
	Ceramic Tile	5%			2036	**	5	\$600	
	Traffic Topping	80%			2032	**	5	\$11,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : First Floor									
Interior Walls									
	Ceramic Tile	5%			2036	**	5	\$500	
	Concrete Masonry Unit	70%			LIFE	**	5	\$2,900	
Efflorescence, Extent : Moderate, Area Affected : 10%									
Location : Stair At West Side									
	Gypsum Board	20%			LIFE	**	5	\$1,300	
	Metal: Cage/Fence	5%			LIFE	**			
Ceilings									
	AcousTileSusp.Lay-In	10%			2040	**	5	\$1,100	
	Exposed Struc: Steel	85%			LIFE	**			
	Gypsum Board	5%			LIFE	**	5	\$700	
Site Enclosure									
Fence/Gates									
	Iron Picket	100%			2062	**			
Site Pavements									

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

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

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

NEW YORK PUBLIC LIBRARY - 035
SEDGWICK BRANCH LIBRARY
Asset # : 13365

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	

Site Pavements

Public Sidewalk

Cast in Place Concrete	100%		2040		**	
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Activity Yard

Cast in Place Concrete	100%		2040		**	
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Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Service Equipment

Fused Disc Sw	100%		2047		**	5
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : 1- Electrical Service, Main Service Protector Rated @ 600a.*

Switchgear / Switchboard

Fused Disc Sw	100%		2047		**	5
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Raceway

Conduit	100%		2047		**	1
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Panelboards

Molded Case Bkrs	100%		2043		**	5	\$200
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Wiring

Thermoplastic	100%		2047		**	1
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Motor Controllers

Locally Mounted	100%		2040		**	5	\$100
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Ground

Grounding Devices

Generic	100%		LIFE		**	5	\$100
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Water Meter Room**Explanation : Connected To Main Water Pipe*

Lighting

Interior Lighting

Fluorescent	100%		2032		**	10	\$6,800
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout The Building**Explanation : T8 Lamps And Compact Fluorescent Bulb.*

Egress Lighting

Emergency, Battery	10%		2032		**	10	\$200
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Exit, LED	90%		2055		**	1
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Alarm

Security System

Generic	100%		2032		**	1	\$2,800
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Mechanical		Current Repair		Future Replacement		Maintenance		
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.

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

NEW YORK PUBLIC LIBRARY - 035
SEDGWICK BRANCH LIBRARY
Asset # : 13365

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	50%			2047	**	1		
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Both Floors							
		Explanation : For Electric Baseboard Radiators							
	Natural Gas	50%			2047	**	1		
Conversion Equipment									
	Furnace	50%			2032	**	1	\$1,800	
	Radiant Heater	50%			2032	**	2	\$1,700	
Distribution									
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,100	
Terminal Devices									
	Air Handler	50%			2032	**	1	\$2,300	
	Convactor/Radiator	50%			2040	**	1	\$1,200	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
Conversion Equipment									
	Ext Pkg Unit - Heating/Cooling	90%			2032	**	2	\$400	
	Split Unit	10%			2032	**			
Distribution									
	Ductwork/Diffusers	90%			LIFE	**	2	\$8,600	
	No Component	10%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,100	
Exhaust Fans									
	Roof	5%			2032	**	2		
	No Component	95%							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2040	**	1		
Water Heater									
	Not Accessible	100%							
Sanitary Piping									
	Cast Iron	100%			LIFE	**	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	**	1		
Fixtures									
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 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 - 035
SEDGWICK BRANCH LIBRARY
Asset # : 13365

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 18-May-2017 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 311 **Lot** : 31 **BIN** : 1004053

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$353,300	\$108,500
Interior Architecture		\$88,500
Mechanical		\$300,100
Total	\$353,300	\$497,200
Importance Code A	\$353,300	\$108,500
Importance Code B		\$388,700
Total	\$353,300	\$497,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$71,200			\$3,100
Interior Architecture	\$100,600		\$1,400	\$3,400
Electrical	\$2,200	\$1,600	\$2,100	\$1,600
Mechanical	\$5,100	\$2,700	\$5,200	\$2,600
Site Enclosure	\$1,100			
Site Pavements	\$6,200			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$190,400	\$8,300	\$12,600	\$14,700
Importance Code A	\$72,200	\$1,000	\$1,000	\$4,100
Importance Code B	\$77,400	\$7,300	\$10,200	\$10,600
Importance Code C	\$40,700		\$1,400	
Total	\$190,400	\$8,300	\$12,600	\$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.

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

NEW YORK PUBLIC LIBRARY - 035
SEWARD PARK BRANCH LIBRARY
Asset # : 4228

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Copper/Terne	8%	2-4	\$30,000	2033	**			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%									
Location : Penthouse									
	Masonry: Brick	42%	2-4	\$99,800	LIFE	**	5	\$32,700	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%									
Location : Former Party Wall - West Façade									
	Masonry: Brick	20%			LIFE	**	5	\$31,100	
	Masonry: Granite	5%			LIFE	**	5	\$5,800	
	Masonry: Limestone	25%			LIFE	**	5	\$29,200	
Windows									
	Metal Clad	15%			2027	\$60,300	5	\$6,200	
	Wood	85%	Now	\$215,000	2053	**	5	\$28,200	1
Dry Rot/Decay, Extent : Severe, Area Affected : 100%									
Location : WInow Rails, Trims And Glaziing Lites									
Parapets									
	Copper/Terne	5%			2048	**	5	\$800	
	Masonry: Brick	10%	0-2	\$900	LIFE	**	5	\$300	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%									
Location : East Façade									
	Masonry: Limestone	77%	2-4	\$38,400	LIFE	**	5	\$3,000	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%									
Location : South And West Walls - Upper Roof									
Staining/Discoloring, Extent : Light, Area Affected : 20%									
Location : Decorative Cornice									
Vegetation Growth, Extent : Severe, Area Affected : 15%									
Location : Shelf Of Decorative Cornice									
	Metal Panel	3%			2048	**	5	\$400	
	Metal Rail	5%			2033	**	5-10	\$2,800	
Roof									
	Metal Panel	3%			2033	**	10	\$700	
	Modified Bitumen	97%	0-2	\$7,200	2033	**			
Blisters, Extent : Moderate, Area Affected : 20%									
Location : Throughout Main Roof									
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%									
Location : Main Roof									

Interior

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

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

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

NEW YORK PUBLIC LIBRARY - 035
SEWARD PARK BRANCH LIBRARY
Asset # : 4228

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									
Floors									
Cast in Place Concrete	5%			LIFE	**	5	\$6,400		
Ceramic Tile	5%			2037	**	5	\$1,500		
Marble Panels	5%	0-2	\$6,800	LIFE	**	5	\$1,100		
Cracking/Crumbling, Extent : Severe, Area Affected : 5%									
Location : Second Floor Stair Treads And Staff Entry Vestibule									
Sheet Vinyl/Rubber	10%			2028	\$88,500	5	\$4,400		
Terrazzo	2%			LIFE	**	5	\$900		
Vinyl Tile	73%	2-4	\$18,500	2033	**	3	\$8,100		
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Baement Areas									
Interior Walls									
Ceramic Tile	5%			2031	**	5	\$2,900		
Masonry: Brick	5%			LIFE	**	10	\$900		
Plaster	85%			LIFE	**	5-10	\$41,700		
Wood	5%			LIFE	**	5	\$23,100		
Ceilings									
Exposed Concrete	15%			LIFE	**	5-10	\$5,500		
Plaster	70%			LIFE	**	5-10	\$35,400		
Plaster	15%			LIFE	**	5-10	\$7,600		
Site Enclosure									
Fence/Gates									
Aluminum Picket	15%			2048	**				
Chain link	10%			2038	**				
Iron Picket	75%	4+	\$1,100	2048	**				
Corrosion/Rusting, Extent : Light, Area Affected : 20%									
Location : Perimeter Fencing									
Free Standing Walls									
Masonry: Brick	100%			2048	**				
Retaining Walls									
Masonry: Fieldstone	100%			2038	**				
Other Observation, Extent : Light, Area Affected : 100%									
Location : North, West And South Perimeter Walls									
Explanation : This Element Actually Granite Blocks									
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100%			2041	**				
On-Site Walkways									
Cast in Place Concrete	55%	0-2	\$100	2033	**				
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Refuse Storage Area Adjacent To Street									
Masonry: Granite	45%	0-2	\$200	LIFE	**				
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%									
Location : Stair Landing At Staff Entrance									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
SEWARD PARK BRANCH LIBRARY
Asset # : 4228

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	

Site Pavements

Activity Yard

Rubber Matting

100% 0-2 \$6,000 2038 * *

Worn/Eroded, Extent : Moderate, Area Affected : 100%
Location : South West Courtyard Adjacent To Street

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100% 2048 * * 5 \$100

Other Observation, Extent : Light, Area Affected : 100%
Location : Electrical Room
Explanation : Main Service Disconnect Switch Rated @ 1600 Amperes.

Switchgear / Switchboard

Fused Disc Sw

100% 2048 * * 5 \$100

Other Observation, Extent : Light, Area Affected : 100%
Location : Electrical Room
Explanation : 3- Vertical Sections

Raceway

Conduit

100% 2048 * * 1

Panelboards

Fused Disc Sw

5% 2044 * * 5

Molded Case Bkrs

95% 2044 * * 5 \$500

Wiring

Thermoplastic

100% 2048 * * 1

Motor Controllers

Locally Mounted

100% 2041 * * 5 \$100

Ground

Grounding Devices

Generic

100% LIFE * * 5 \$600

Lighting

Interior Lighting

Fluorescent

85% 2033 * * 10 \$15,300

T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%
Location : Throughout The Building

Fluorescent

10% 2033 * * 10 \$1,800

T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%
Location : Basement

Fluorescent

5% 2033 * * 10 \$900

Compact Fluorescent Light, Extent : Light, Area Affected : 100%
Location : Hallways

Egress Lighting

Emergency, Battery

50% 2033 * * 10 \$2,400

Exit, Service

50% 2033 * * 1

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

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

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

NEW YORK PUBLIC LIBRARY - 035
SEWARD PARK BRANCH LIBRARY
Asset # : 4228

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

Lighting

Exterior Lighting

HID	20%		2033		* *	10			
No Component	80%								

Alarm

Security System

No Component	30%								
Generic	70%		2033		* *	1		\$5,200	

*Other Observation, Extent : Light, Area Affected : 100%**Location : Reading Areas And Hallways**Explanation : CCTV Surveillance Camera*

Fire/Smoke Detection

Generic, Digital	100%		2033		* *	1-3		\$12,100	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout The Building**Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns*

Mechanical		Current Repair			Future Replacement		Maintenance		
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%		2048		* *	1			
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Conversion Equipment

Furnace	70%		2028	\$30,800		1		\$6,800	
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*Other Observation, Extent : Light, Area Affected : 70%**Location : Roof**Explanation : 3 Roof Top Package Units*

Hot Water Boiler	30%		2048		* *	1		\$2,900	
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*Recent Replace Evident, Extent : Light, Area Affected : 30%**Location : Boiler Room**Other Observation, Extent : Light, Area Affected : 100%**Location : Basement Boiler Room**Explanation : 1 Brand New Unit*

Distribution

Hot Wtr Piping/Pump	30%		2036		* *	4		\$400	
No Component	70%								

Terminal Devices

Convactor/Radiator	30%		2033		* *	1		\$1,900	
No Component	70%								

Air Conditioning

Energy Source

Electricity	100%		2036		* *	1			
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*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
SEWARD PARK BRANCH LIBRARY
Asset # : 4228

Mechanical		Current Repair		Future Replacement		Maintenance			
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 - Heating/Cooling	80%			2028	\$187,000	2	\$1,000	
		Other Observation, Extent : Light, Area Affected : 80% Location : Roof Explanation : 3 Roof Top Package Units. R-22							
	Split Unit	15%			2028	\$59,800			
		Other Observation, Extent : Light, Area Affected : 15% Location : Roof Explanation : 6 Units. R-22							
	Window/Wall Unit	5%			2021	\$1,900	1		
Terminal Devices									
	Fan Coil - 2 Pipe	15%			2028	\$53,300	1	\$1,000	
	No Component	85%							
Heat Rejection									
	Evaporative Condenser	15%			2028	\$8,700	2	\$2,100	
	No Component	85%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%	0-2	\$3,400	LIFE	**	2-5	\$11,000	
		Insul. Deteriorating, Extent : Moderate, Area Affected : 5% Location : Roof							
	Exhaust Fans								
	Roof	100%			2028	\$31,000	2	\$600	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2038	**	1		
	Water Heater								
	Gas Fired	100%			2028	\$11,400	2	\$300	
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Boiler Room							
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 100% Location : B- 4th Floor Explanation : 1 Unit							
Fire Suppression									
	Sprinkler								
	No Component	80%							
	Generic	20%			2038	**	1-2	\$1,100	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

NEW YORK PUBLIC LIBRARY - 035
SEWARD PARK BRANCH LIBRARY
Asset # : 4228

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression									
Fire Pump									
	Generic	100%			2031	* *	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 years is not included in this report.*

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : SOUNDVIEW BRANCH LIBRARY
Address : 660 SOUNDVIEW AVE. @BEACH AVE.
Borough : BRONX **Agency's Number** : 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 : 13-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 3558 **Lot** : 14 **BIN** : 2021838

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical	\$108,300	\$6,000
Mechanical		\$221,700
Total	\$108,300	\$227,800
Importance Code B	\$108,300	\$227,800
Total	\$108,300	\$227,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$800		\$6,600
Interior Architecture	\$42,600		\$200	\$2,100
Electrical	\$300	\$300	\$400	\$19,500
Mechanical	\$21,100	\$2,000	\$4,500	\$1,900
Total	\$64,000	\$3,100	\$5,100	\$30,100
Importance Code A	\$17,800	\$1,400	\$600	\$7,400
Importance Code B	\$46,200	\$1,700	\$4,500	\$22,700
Importance Code C				
Total	\$64,000	\$3,100	\$5,100	\$30,100



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
SOUNDVIEW BRANCH LIBRARY
Asset # : 13367

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Concrete Masonry Unit	30%			LIFE	**	5	\$3,000		
Masonry: Granite	55%			LIFE	**	5	\$6,600		
Metal Panel	15%			2047	**	5-10	\$16,600		
Windows									
Aluminum	100%			2035	**	5	\$1,600		
Parapets									
Concrete Masonry Unit	60%			LIFE	**	5	\$2,500		
Metal Panel	10%			2053	**	5	\$1,400		
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : Coping								
Metal Panel	30%			2047	**	5	\$4,200		
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : Throughout								
Roof									
Modified Bitumen	100%			2035	**	10	\$31,000		
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : Throughout								
Interior									
Floors									
Ceramic Tile	2%			2036	**	5	\$400		
Terrazzo	2%			LIFE	**	5	\$300		
Vinyl Tile	96%	4+	\$29,400	2032	**	3	\$6,400		
	Uneven Substrate, Extent : Light, Area Affected : 50%								
	Location : Throughout								
	Worn/Eroded, Extent : Moderate, Area Affected : 20%								
	Location : Corridors								
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	85%	4+	\$12,400	2040	**	5	\$9,400		
	Broken/Missing Elements, Extent : Light, Area Affected : 15%								
	Location : Throughout								
	Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
AcousTileSusp.Lay-In	10%			2044	**	5	\$1,800		
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : Community Room								
Gypsum Board	5%			LIFE	**	5	\$1,100		
Electrical									
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.

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

NEW YORK PUBLIC LIBRARY - 035
SOUNDVIEW BRANCH LIBRARY
Asset # : 13367

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2027	\$1,500	5	\$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings Of The Main Service Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$32,700	5	\$300	
Raceway								
Conduit	100%			2027	\$31,800	1		
Panelboards								
Molded Case Bkrs	20%			2035	* *	5	\$100	
Molded Case Bkrs	80%			2026	\$12,100	5	\$300	
Wiring								
Thermoplastic	95%			2027	\$26,700	1		
Thermoplastic	5%			2037	* *	1		
Motor Controllers								
Locally Mounted	50%			2025	\$15,300	5		
Locally Mounted	50%			2044	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	90%			2022	\$108,300	10	\$9,800	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2027	\$6,000	10	\$500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Offices								
LED	5%			2035	* *			
Egress Lighting								
Exit, Service	100%			2035	* *	1		
Exterior Lighting								
HID	20%			2022	\$9,100	10		
No Component	80%							
Alarm								
Security System								
No Component	40%							
Generic	60%			2035	* *	1	\$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Reading Areas And Outside								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
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.

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

NEW YORK PUBLIC LIBRARY - 035
SOUNDVIEW BRANCH LIBRARY
Asset # : 13367

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2047	**	1		
Conversion Equipment								
Hot Water Boiler	20%	Now	\$17,400	2047	**	1	\$1,100	
		Malfunctioning, Extent : Moderate, Area Affected : 100%						
		Location : Basement, Unreliable Boiler Operation						
Hot Water Boiler	80%			2032	**	1	\$4,700	
Distribution								
Hot Wtr Piping/Pump	100%			2035	**	4	\$900	
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2027	\$95,500	1	\$5,500	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Basement						
		Explanation : Compressor Was Refurbished						
Terminal Devices								
Air Handler/Cool/Ht	100%			2027	\$126,200	1	\$7,300	
Heat Rejection								
Dry Cooler	100%			2035	**	2	\$8,300	
		Recent Installation, Extent : Light, Area Affected : 100%						
		Location : Roof						
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,600	
Exhaust Fans								
Roof	10%			2035	**	2		
		Recent Installation, Extent : Light, Area Affected : 100%						
		Location : Roof						
Roof	10%			2027	\$1,900	2		
No Component	80%							
		Other Observation, Extent : Light, Area Affected : 0%						
		Location : Basement						
		Explanation : Air Handling Unit Serves Library For Ventilation Purposes						
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Water Heater								
Gas Fired	100%			2025	\$6,900	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		

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

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

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

NEW YORK PUBLIC LIBRARY - 035
SOUNDVIEW BRANCH LIBRARY
Asset # : 13367

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sump Pump(s)								
	Non-Submersible	100%			2032	* *	4	\$400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : No Sump Pump Observed							
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.*

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : SPUYTEN DUYVIL BRANCH LIBRARY
Address : 650 WEST 235TH ST. @ INDEPENDENCE AVE.
Borough : BRONX **Agency's Number** : S06
Program / Asset # : NPL0S06.000 / 13368 **Yr Built/Renovated** : 1971 /
Area Sq Ft : 7,500 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 25-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 5915 **Lot** : 70 **BIN** : 2085867

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$161,800	
Interior Architecture	\$103,700	
Electrical		\$151,000
Mechanical	\$190,000	
Total	\$455,600	\$151,000
Importance Code A	\$161,800	
Importance Code B	\$293,700	\$151,000
Total	\$455,600	\$151,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$10,500	\$200		
Interior Architecture		\$5,800	\$300	
Electrical	\$7,700	\$700	\$900	\$4,700
Mechanical	\$3,800	\$2,200	\$4,100	\$16,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$25,900	\$12,900	\$9,300	\$25,200
Importance Code A	\$10,900	\$600	\$400	\$500
Importance Code B	\$15,100	\$12,300	\$9,000	\$24,700
Importance Code C				
Total	\$25,900	\$12,900	\$9,300	\$25,200



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 - 035
SPUYTEN DUYVIL BRANCH LIBRARY
Asset # : 13368

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Alum/Vinyl Siding	5%			2037	**	10	\$200	
	Cast in Place Concrete	7%			LIFE	**	5	\$4,000	
	Masonry: Brick	3%			LIFE	**	5	\$300	
	Pre-Cast Concrete	55%	Now	\$10,500	LIFE	**	5	\$20,300	
	Expansion Jnt Failure, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Pre-Cast Concrete	30%			LIFE	**	5	\$11,100	
Windows									
	Aluminum	100%	2-4	\$53,100	2035	**	5	\$2,100	
	Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
	Location : Clerestory Windows At Roof								
Parapets									
	Metal Rail	5%			2040	**	5-10	\$300	
	Pre-Cast Concrete	95%			LIFE	**	5	\$2,300	
Roof									
	Copper/Terne	20%			2055	**	10	\$11,500	
	Modified Bitumen	80%	0-2	\$108,700	2037	**			
	Blisters, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Seams Open/Split, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
Interior									
Floors									
	Carpet	90%			2023	\$149,300	3	\$17,300	
	Cast in Place Concrete	5%			LIFE	**	5	\$1,400	
	Ceramic Tile	5%			2036	**	5	\$600	
Interior Walls									
	Cast in Place Concrete	10%			LIFE	**			
	Concrete Masonry Unit	80%			LIFE	**	5	\$2,900	
	Glass: Single Pane	5%			LIFE	**	5	\$300	
	Gypsum Board	5%			LIFE	**	5	\$300	
Ceilings									
	AcousTileConcealSpLn	95%	0-2	\$103,700	2047	**	5	\$7,900	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
	Location : Lunch Room								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Exposed Concrete	5%			LIFE	**	5	\$100	
Site Enclosure									
	Fence/Gates								
	Iron Picket	100%			2062	**			
Site Pavements									
	Public Sidewalk								
	Cast in Place Concrete	100%			2040	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
SPUYTEN DUYVIL BRANCH LIBRARY
Asset # : 13368

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2027	\$1,500	5	\$200	
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2027	\$32,700	5	\$200	
	Raceway								
	Conduit	100%			2027	\$31,800	1		
	Panelboards								
	Molded Case Bkrs	100%			2026	\$15,100	5	\$200	
	Wiring								
	Braided Cloth	25%	2-4	\$7,000	2052	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Thermoplastic	75%			2037	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2032	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Crawlspace							
		Explanation : Connected To Main Water Pipe							
Lighting									
	Interior Lighting								
	Fluorescent	95%			2027	\$72,300	10	\$6,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T12 Lamps							
	Incandescent	5%			2022	\$3,800	2		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st Floor Vestibule							
		Explanation : Incandescent Lighting Observed							
	Egress Lighting								
	Emergency, Service	50%			2027	\$1,900	1		
	Exit, Service	50%			2032	* *	1		
	Exterior Lighting								
	HID	100%			2027	\$28,700	10		
Alarm									
	Security System								
	Generic	100%			2027	\$23,000	1	\$2,800	
	Fire/Smoke Detection								
	Generic, Analog	100%			2027	\$78,700	1-3	\$4,600	

Mechanical		Current Repair			Future Replacement		Maintenance		
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.

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

NEW YORK PUBLIC LIBRARY - 035
SPUYTEN DUYVIL BRANCH LIBRARY
Asset # : 13368

Mechanical		Current Repair			Future Replacement		Maintenance		
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%			2047	**	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2032	**	1	\$3,700	
	Distribution								
	Hot Wtr Piping/Pump	100%			2043	**	4	\$600	
	Terminal Devices								
	Air Handler	50%			2022	\$50,000	1	\$2,300	
	Convactor/Radiator	50%			2040	**	1	\$1,200	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	100%			2022	\$60,400	1	\$3,500	
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2	\$9,800	
	Terminal Devices								
	Air Handler/Dir Expansion	100%			2022	\$79,600	1		
	Heat Rejection								
	Air Cooled Condenser Unit	100%			2022	\$14,300	2	\$5,200	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,200	
	Exhaust Fans								
	Roof	80%			2032	**	2	\$200	
	Roof	20%	Now	\$2,400	2037	**	2		
	Broken, Extent : Severe, Area Affected : 100%								
	Location : Rooftop								
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2040	**	1		
	Water Heater								
	Gas Fired	100%			2025	\$4,300	2	\$100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 1-40 Gallon								
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Non-Submersible	100%			2032	**	4	\$200	

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

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

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

NEW YORK PUBLIC LIBRARY - 035
SPUYTEN DUYVIL BRANCH LIBRARY
Asset # : 13368

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sewage Ejector(s)								
	Compressed Air	100%	Now	\$100	2027	\$1,300	4	\$100	
		Malfunctioning, Extent : Moderate, Area Affected : 10%							
		Location : Basement							
	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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 17-May-2017 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 1229 **Lot** : 31 **BIN** : 1032683

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$155,900	
Interior Architecture	\$136,900	
Mechanical		\$70,100
Total	\$292,800	\$70,100
Importance Code A	\$155,900	
Importance Code B	\$136,900	\$70,100
Total	\$292,800	\$70,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$81,300	\$1,200	\$1,900	
Interior Architecture	\$89,900		\$2,500	
Electrical	\$2,500	\$2,000	\$2,400	\$2,000
Mechanical	\$8,700	\$2,600	\$3,500	\$2,100
Site Enclosure	\$5,200			
Site Pavements	\$2,100			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$193,700	\$9,700	\$14,300	\$8,000
Importance Code A	\$82,300	\$2,300	\$2,900	\$1,000
Importance Code B	\$65,300	\$7,500	\$10,200	\$6,900
Importance Code C	\$46,000		\$1,200	
Total	\$193,700	\$9,700	\$14,300	\$8,000



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 years is not included in this report.

NEW YORK PUBLIC LIBRARY - 035
ST. AGNES BRANCH LIBRARY
Asset # : 13363

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	45%	Now	\$155,900	LIFE	**	5	\$23,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : West (Rear) Façade								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : West (Rear) Façade								
Masonry: Limestone	50%			LIFE	**	5	\$39,000	
Metal Panel	5%			2054	**	5-10	\$17,900	
Windows								
Metal Louvers	5%			2031	**	10	\$1,900	
Wood	95%			2044	**	5	\$56,600	
Parapets								
Masonry: Brick	50%			LIFE	**	5-10	\$11,900	
Masonry: Limestone	25%			LIFE	**	5-10	\$10,600	
Metal Panel	15%			2054	**	5	\$2,000	
Metal Rail	5%			2045	**	5-10	\$3,100	
Pre-Cast Concrete	5%			LIFE	**	5	\$2,200	
Roof								
Modified Bitumen	85%			2036	**	10	\$9,100	
Skylight, Metal/Glass	5%			2054	**	10	\$1,800	
Sloped Glazing	10%	Now	\$7,000	LIFE	**	5	\$14,400	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Upper North East Corner Of Sloped Plane								
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	**	5	\$10,900	
Ceramic Tile	5%			2041	**	5	\$1,600	
Marble Panels	5%			LIFE	**	5	\$2,300	
Panel/Paver: Bluestone	3%			LIFE	**	5	\$1,400	
Terrazzo	4%			LIFE	**	5	\$2,000	
Vinyl Tile	15%			2033	**	3	\$1,800	
Wood	60%	Now	\$136,900	2043	**	5	\$17,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2041	**	5	\$2,300	
Glass: Single Pane	5%			LIFE	**	5	\$3,500	
Gypsum Board	25%			LIFE	**	5-10	\$19,600	
Plaster	60%			LIFE	**	5-10	\$23,500	
Wood	5%			LIFE	**	5	\$18,400	
Ceilings								
Gypsum Board	25%			LIFE	**	5-10	\$26,900	
Plaster	50%			LIFE	**	5-10	\$26,900	
Plaster	25%			LIFE	**	5-10	\$13,400	
Site Enclosure								

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

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

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

NEW YORK PUBLIC LIBRARY - 035
ST. AGNES BRANCH LIBRARY
Asset # : 13363

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	

Site Enclosure

Fence/Gates

Chain link

50% Now \$5,200 2058 * *

Broken/Missing Elements, Extent : Moderate, Area Affected : 50%

Location : Rear Yard - Fence Posts Misaligned, Curbing Is Cracked / Crumbling

Iron Picket

50% 2063 * *

Site Pavements

On-Site Walkways

Cast in Place Concrete

50% 2041 * *

Masonry: Granite

50% 0-2 \$2,100 LIFE * *

Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%

Location : Entry Landing, Ramp And Stairs

Activity Yard

Cast in Place Concrete

100% 2026

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100% 2048 * * 5 \$100

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

Location : Electrical Room

Explanation : Main Service Disconnect Switch Rated @ 1600 Amperes

Switchgear / Switchboard

Fused Disc Sw

100% 2048 * * 5 \$100

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

Location : Electrical Room

Explanation : 2- Vertical Sections

Raceway

Conduit

100% 2048 * * 1

Panelboards

Fused Disc Sw

10% 2044 * * 5

Molded Case Bkrs

90% 2044 * * 5 \$500

Wiring

Thermoplastic

100% 2048 * * 1

Motor Controllers

Locally Mounted

100% 2041 * * 5 \$100

Ground

Grounding Devices

Generic

100% LIFE * * 5 \$600

Lighting

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NEW YORK PUBLIC LIBRARY - 035
ST. AGNES BRANCH LIBRARY
Asset # : 13363

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

Lighting

Interior Lighting
Fluorescent

15% 2033 * * 10 \$2,900
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%
Location : Offices, Basement

Fluorescent 85% 2033 * * 10 \$16,300
Other Observation, Extent : Light, Area Affected : 100%
Location : Reading Areas
Explanation : Compact Fluorescent Light Fixtures

Egress Lighting

Emergency, Battery 50% 2033 * * 10 \$2,500
Exit, LED 50% 2056 * * 1

Exterior Lighting

HID 10% 2033 * * 10
No Component 90%

Alarm

Security System
Generic

100% 2033 * * 1 \$7,800
Other Observation, Extent : Light, Area Affected : 100%
Location : Throughout The Building
Explanation : CCTV Surveillance Cameras

Fire/Smoke Detection

Generic, Digital 100% 2033 * * 1-3 \$12,900
Other Observation, Extent : Light, Area Affected : 100%
Location : Throughout The Building
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns

Mechanical		Current Repair		Future Replacement		Maintenance			
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% 2048 * * 1

Conversion Equipment

Furnace 40% 2028 \$20,400 1 \$4,100
Other Observation, Extent : Light, Area Affected : 40%
Location : Roof
Explanation : 2 Roof Top Package Units

Hot Water Boiler 60% 2041 * * 1 \$6,200
Other Observation, Extent : Light, Area Affected : 60%
Location : Basement, Boiler Room
Explanation : 3 Units

Distribution

Hot Wtr Piping/Pump 60% 2044 * * 4 \$900
No Component 40%

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

NEW YORK PUBLIC LIBRARY - 035
ST. AGNES BRANCH LIBRARY
Asset # : 13363

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2033	**	1	\$3,900	
Convactor/Radiator	30%			2041	**	1	\$2,000	
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2044	**	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	60%			2029	**	2	\$800	
	R-22 Refrigerant, Extent : Light, Area Affected : 60% Location : 4th Floor Penthouse							
Exterior Pkg Unit - Cooling	40%			2028	\$70,100	2	\$500	
	R-22 Refrigerant, Extent : Light, Area Affected : 40% Location : 2 Roof Top Package Unit.							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$18,500	
Exhaust Fans								
Interior	40%			2033	**	2	\$300	
Roof	60%			2028	\$21,600	2	\$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2038	**	1		
Water Heater								
Gas Fired	100%			2026	\$13,200	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Non-Submersible	100%			2028	\$3,300	4	\$700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 100% Location : B- 4th Floor Explanation : 1 Unit							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2048	**	1-2	\$1,500	

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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-Apr-2017 **Landmark Status** : NONE
Areas Surveyed : Basement, Sub Basement, Roof, Floors 1,2
Block : 5 **Lot** : 74 **BIN** : 5000030

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$596,300	
Interior Architecture	\$40,700	\$48,400
Electrical		\$364,700
Mechanical		\$983,100
Total	\$636,900	\$1,396,200
Importance Code A	\$596,300	
Importance Code B	\$40,700	\$1,396,200
Total	\$636,900	\$1,396,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$101,700		\$2,600	
Interior Architecture	\$146,900		\$1,100	\$14,800
Electrical	\$4,000	\$2,300	\$2,700	\$2,800
Mechanical	\$14,600	\$7,900	\$26,100	\$8,600
Site Enclosure	\$700			
Site Pavements	\$6,100			
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$281,700	\$18,200	\$40,300	\$34,000
Importance Code A	\$102,900	\$1,200	\$3,900	\$1,200
Importance Code B	\$129,300	\$16,900	\$35,400	\$32,800
Importance Code C	\$49,500		\$1,100	
Total	\$281,700	\$18,200	\$40,300	\$34,000



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 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
ST. GEORGE LIBRARY CENTER
Asset # : 13364

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2048	**	10	\$3,900	
Masonry: Brick	55%			LIFE	**	5	\$36,600	
Masonry: Granite	5%			LIFE	**	5	\$2,500	
Masonry: Limestone	35%	0-2	\$64,500	LIFE	**	5	\$8,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : At Wall Penetrations								
Windows								
Aluminum	45%	2-4	\$16,100	2036	**	5	\$1,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Windows East Facade								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Explanation : Metal Storm Windows Installed Proud Of Existing Wood Windows								
Metal Louvers	5%			2031	**	10	\$2,600	
Wood	25%	2-4	\$24,100	2036	**	5	\$10,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor Windows - Original Building								
Glazing Clouded, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor Windows								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor Windows - Original Building								
Wood	25%	0-2	\$3,000	2036	**	5	\$10,600	
Dry Rot/Decay, Extent : Moderate, Area Affected : 25%								
Location : Windows - 1950s Addition								
Parapets								
Copper/Terne	85%	Now	\$62,200	2078	**	5	\$1,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Metal Cornice								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Metal Cornice								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Metal Cornice								
Masonry: Limestone	15%	2-4	\$900	LIFE	**	5	\$100	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Flat Roof - 1980s Addition								

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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
ST. GEORGE LIBRARY CENTER
Asset # : 13364

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	20%	Now	\$29,000	2038	* *			1
	Drains Inad/Misposn, Extent : Severe, Area Affected : 15%							
	Location : 1980s Addition - Flat Roof Above Reference Room And Computer Area							
	Water Penetration, Extent : Severe, Area Affected : 20%							
	Location : 1980s Addition - Flat Roof Above Reference Room And Computer Area							
Copper/Terne	7%	0-2	\$8,900	2043	* *			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 40%							
	Location : Dormer Vents							
Skylight, Metal/Glass	3%			2048	* *	10	\$3,100	
Slate	70%	Now	\$469,600	LIFE	* *			1
	Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
	Location : Throughout Pitched Roof And Downspouts							
	Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 20%							
	Location : Internal Gutters - 1960s Addition							
	Loose Units, Extent : Severe, Area Affected : 15%							
	Location : Throughout Pitched Roof							
Interior								
Floors								
Carpet	75%	4+	\$72,700	2027	\$363,300	3	\$42,100	
	Worn/Eroded, Extent : Moderate, Area Affected : 30%							
	Location : Basement Level							
Cast in Place Concrete	5%			LIFE	* *	5	\$8,200	
Ceramic Tile	5%	2-4	\$1,800	2031	* *	5	\$900	
	Cracking/Crumbling, Extent : Light, Area Affected : 10%							
	Location : Public And Staff Bathrooms							
Vinyl Tile	15%			2028	\$48,400	3	\$2,800	
Interior Walls								
Ceramic Tile	5%			2031	* *	5	\$2,200	
Concrete Masonry Unit	5%			LIFE	* *	5	\$1,800	
Glass: Single Pane	2%			LIFE	* *	5	\$1,300	
Gypsum Board	40%	2-4	\$7,400	LIFE	* *	5	\$10,500	
	Water Penetration, Extent : Moderate, Area Affected : 15%							
	Location : Reference Room And Storage Room - Basement							
Plaster	48%	Now	\$34,200	LIFE	* *	5	\$6,300	
	Water Penetration, Extent : Severe, Area Affected : 15%							
	Location : Auditorium, Shipping/ Receiving Area, 1st Floor Reading Room							

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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
ST. GEORGE LIBRARY CENTER
Asset # : 13364

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								
Ceilings								
AcousTileSusp.Lay-In	15%	2-4	\$2,400	2041	* *	5	\$3,000	
	Water Penetration, Extent : Moderate, Area Affected : 5%							
	Location : Storage Room							
Exposed Struc: Wood	35%	4+	\$22,100	LIFE	* *			
	Water Penetration, Extent : Light, Area Affected : 10%							
	Location : East And West Walls							
Gypsum Board	50%	Now	\$40,700	LIFE	* *	5	\$24,800	
	Water Penetration, Extent : Severe, Area Affected : 15%							
	Location : Basement Level - Staff Room, Reference Room, Receiving Area							
Site Enclosure								
Fence/Gates								
Chain link	10%			2038	* *			
Iron Picket	90%	0-2	\$300	2063	* *			
	Corrosion/Rusting, Extent : Moderate, Area Affected : 15%							
	Location : Railings							
Retaining Walls								
Cast in Place Concrete	100%	Now	\$400	2048	* *			
	Cracking/Crumbling, Extent : Light, Area Affected : 10%							
	Location : Control Joints And Top Of Wall							
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2041	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	\$6,100	2033	* *			
	Spalling, Extent : Moderate, Area Affected : 25%							
	Location : Entrance Ramp - Full Replacement Required							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2038	* *	5	\$700	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Main Service Switch Rated @ 800 Amperes In The Switchboard							
	Raceway								
	Conduit	100%			2038	* *	1		
	Panelboards								
	Fused Disc Sw	5%			2036	* *	5		
	Molded Case Bkrs	95%			2036	* *	5	\$600	
	Wiring								
	Thermoplastic	100%			2038	* *	1		
	Motor Controllers								
	Motor Control Center	100%			2033	* *	5	\$700	

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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
ST. GEORGE LIBRARY CENTER
Asset # : 13364

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	5%			2028	\$12,700	10	\$1,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways And Attic</i>								
<i>Explanation : Compact Fluorescent Light Fixtures</i>								
Fluorescent	85%			2036	* *	10	\$19,500	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2023	\$12,700	10	\$1,100	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fluorescent	5%			2036	* *	10	\$1,100	
<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Children Reading Room</i>								
Egress Lighting								
Emergency, Battery	50%			2028	\$17,100	10	\$3,000	
Exit, LED	25%			2043	* *	1		
Exit, Service	25%			2028	\$900	1		
Exterior Lighting								
HID	30%			2028	\$28,700	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2028	\$76,700	1	\$9,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside And Outside The Building</i>								
<i>Explanation : CCTV Surveillance Cameras And Intrusion Alarm System</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2028	\$262,600	1-3	\$15,900	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Alarm Bells, Manual Pull Station, Smoke Detectors And Horns</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2038	* *	1		

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

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

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

NEW YORK PUBLIC LIBRARY - 035
ST. GEORGE LIBRARY CENTER
Asset # : 13364

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Hot Water Boiler	100%			2048	* *	1	\$12,400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Cellar							
		Explanation : 1 Brand New Unit							
Distribution									
	Hot Wtr Piping/Pump	100%	Now	\$700	2036	* *	4	\$1,200	
		Leak Evident, Extent : Moderate, Area Affected : 2%							
		Location : Basement Staff Storage Room							
Terminal Devices									
	Air Handler	35%			2028	\$116,900	1	\$5,400	
	Convactor/Radiator	5%			2026	\$6,400	1	\$400	
	Fan Coil Unit/Heat	20%			2033	* *	1	\$1,600	
	Fan Coil Unit/Heat	40%			2023	\$142,300	1	\$3,200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout First And Second Floors							
		Explanation : Dual Temperature Fan Coil Units Observed. The Piping In Children Room Has Been Disconnected.							
Air Conditioning									
	Energy Source								
	Electricity	100%			2036	* *	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	90%			2028	\$181,400	1	\$10,500	
		R-22 Refrigerant, Extent : Light, Area Affected : 90%							
		Location : Court Yard							
	Window/Wall Unit	10%			2021	\$4,900	1		
Distribution									
	CW & CHW Wtr Pipe/Pump	100%			2038	* *	4	\$1,200	
Terminal Devices									
	Air Handler/Cool/Ht	40%			2028	\$106,500	1	\$6,200	
	Fan Coil - 4 Pipe	20%			2033	* *	1	\$1,600	
	Fan Coil - 4 Pipe	40%			2023	\$222,400	1	\$3,200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout First And Second Floors							
		Explanation : Dual Temperature Fan Coil Unit Observed							
Heat Rejection									
	Dry Cooler	100%			2028	\$129,100	2	\$17,400	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$22,100	
Exhaust Fans									
	Interior	100%			2023	\$84,500	2	\$800	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2038	* *	1		

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

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

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

NEW YORK PUBLIC LIBRARY - 035
ST. GEORGE LIBRARY CENTER
Asset # : 13364

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Gas Fired	100%			2021	\$14,500	2	\$400	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	40%	Now	\$1,000	LIFE	* *	1		
		Blockage /Clogged, Extent : Severe, Area Affected : 5%							
		Location : Various Locations Inside The Walls.							
	No Component	60%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Exterior Gutters And Leaders Damaged And Broken At The Rear Side.							
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Geared Traction	60%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 60%							
		Location : Basement To Second Floor							
		Explanation : 1 Unit							
	Hydraulic	40%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 40%							
		Location : 1st To 2nd Floor							
		Explanation : 1 Unit							

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$198,600	\$50,400
Total	\$198,600	\$50,400
Importance Code A	\$198,600	\$50,400
Total	\$198,600	\$50,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$35,000		
Interior Architecture	\$4,900	\$5,200	\$900	
Electrical	\$1,200	\$1,700	\$1,200	\$1,200
Mechanical	\$3,200	\$2,700	\$3,800	\$3,000
Total	\$9,300	\$44,500	\$5,900	\$4,100
Importance Code A	\$600	\$35,700	\$600	\$600
Importance Code B	\$8,700	\$8,500	\$5,300	\$3,500
Importance Code C		\$300		
Total	\$9,300	\$44,500	\$5,900	\$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.

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

NEW YORK PUBLIC LIBRARY - 035
STAPLETON BRANCH LIBRARY
Asset # : 13369

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	25%	Now	\$38,500	LIFE	* *	5	\$6,300	
		Recent Repair Evident, Extent : Light, Area Affected : 50%							
		Location : 1907 Wing							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Electrical And Storage Room In Basement							
	Masonry: Limestone	5%			LIFE	* *	5	\$900	
	Metal Panel	40%			2055	* *	5-10	\$69,300	
		Recent Construction, Extent : Light, Area Affected : 100%							
		Location : New Addition Completed In 2013							
	Window Wall	25%			2055	* *	5	\$23,600	
		Recent Construction, Extent : Light, Area Affected : 100%							
		Location : New Addition Completed In 2013							
	Wood	5%			2030	* *	5	\$6,300	
		Recent Repair Evident, Extent : Light, Area Affected : 25%							
		Location : Portico, Eaves And Panels Above And Below Windows							
Windows									
	Aluminum	65%			2050	* *	5	\$2,200	
		Recent Construction, Extent : Light, Area Affected : 100%							
		Location : New Addition Completed In 2013							
	Wood	35%			2033	* *	5	\$12,100	
		Recent Repair Evident, Extent : Light, Area Affected : 50%							
		Location : 1907 Wing							
Roof									
	Copper/Terne	5%			2053	* *	10	\$3,700	
	Modified Bitumen	60%			2035	* *	10	\$17,600	
		Recent Construction, Extent : Light, Area Affected : 100%							
		Location : New Addition Completed In 2013							
	Skylight, Plastic	5%			2045	* *	1		
	Wood Shingles	30%	Now	\$160,100	2040	* *			
		Broken/Missing Elements, Extent : Severe, Area Affected : 20%							
		Location : 1907 Wing							
		Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%							
		Location : Northwest Corner							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : 1907 Wing							
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : 1907 Wing							

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Estimates are rounded to the nearest hundred dollars.

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

NEW YORK PUBLIC LIBRARY - 035
STAPLETON BRANCH LIBRARY
Asset # : 13369

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								
Floors								
Carpet	10%			2027	\$24,100	3	\$2,800	
Cast in Place Concrete	10%			LIFE	**	5	\$4,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Cast in Place Concrete	50%	Now	\$4,900	LIFE	**	5	\$20,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Near Main Entrance								
Ceramic Tile	5%			2040	**	5	\$900	
Wood	25%			2040	**	5	\$8,700	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : 1907 Wing								
Interior Walls								
Ceramic Tile	5%			2040	**	5	\$700	
Glass: Single Pane	30%			LIFE	**	5	\$3,000	
Gypsum Board	55%			LIFE	**	5	\$4,400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : 1907 Wing And New Addition								
Wood	5%			LIFE	**	5	\$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1907 Wing								
Explanation : Recent Installation								
Wood	5%			LIFE	**	5	\$2,700	
Ceilings								
Exposed Struc: Wood	65%			LIFE	**			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 2013 Addition								
Explanation : Recent Construction								
Gypsum Board	10%			LIFE	**	5	\$2,400	
Plaster	25%			LIFE	**	5	\$3,000	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : 1907 Addition								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Under 600 Volts								
Service Equipment								
Fused Disc Sw		100%			2055	* *	5	\$100
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 1- 800 Amperes Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw		100%			2055	* *	5	\$100
Raceway								
Conduit		100%			2055	* *	1	

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

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

NEW YORK PUBLIC LIBRARY - 035
STAPLETON BRANCH LIBRARY
Asset # : 13369

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 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, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8 Lamps							
	Fluorescent	3%			2035	**	10	\$300	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Throughout 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									
	Generic, Digital	100%			2035	**	1-3	\$7,700	

Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2055	* *	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2045	* *	1	\$6,200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Boiler Room								
	Explanation : 1 Gas Fired Hot Water Boiler								
	Distribution								
	Hot Wtr Piping/Pump	100%			2050	* *	4	\$600	

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NEW YORK PUBLIC LIBRARY - 035
STAPLETON BRANCH LIBRARY
Asset # : 13369

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Air Handler	50%			2035	**	1	\$3,900	
	Convactor/Radiator	50%			2045	**	1	\$2,000	
	Other Observation, Extent : Light, Area Affected : 70%								
	Location : Throughout Main Library								
	Explanation : Under Floor Radiant Heating Panels								
Air Conditioning									
	Energy Source								
	Electricity	100%			2041	**	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	100%			2035	**	1	\$5,800	
	Distribution								
	CW & CHW Wtr Pipe/Pump	100%			2055	**	4	\$900	
	Terminal Devices								
	Air Handler/Cool/Ht	100%			2035	**	1	\$7,700	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,900	
	Exhaust Fans								
	Roof	100%			2035	**	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2055	**	1		
	Water Heater								
	Electric	100%			2025	\$10,400	4	\$100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Janitor's Closet And Basement								
	Explanation : 2 Point Of Use Electric Hot Water Heaters								
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Non-Submersible	100%			2035	**	4	\$400	
	Backflow Preventer								
	Generic	100%			2035	**	1	\$800	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	80%							
	Generic	20%			2055	**	1-2	\$700	

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : THROG'S NECK BRANCH LIBRARY
Address : 3025 CROSS BRONX EXPRESSWAY NEAR DEWEY AVE.
Borough : BRONX **Agency's Number** : T01
Program / Asset # : NPL0T01.000 / 13370 **Yr Built/Renovated** : 1974 / 2007
Area Sq Ft : 8,280 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 10-May-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 5439 **Lot** : 1 **BIN** : 2077131

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$108,300
Interior Architecture		\$66,700
Electrical		\$84,000
Mechanical		\$186,100
Total		\$445,000
Importance Code A		\$108,300
Importance Code B		\$336,800
Total		\$445,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$20,500			
Interior Architecture	\$21,300		\$1,100	
Electrical	\$800	\$1,000	\$900	\$1,000
Mechanical	\$3,100	\$1,700	\$6,200	\$1,700
Site Enclosure	\$24,800			
Total	\$70,500	\$2,700	\$8,200	\$2,700
Importance Code A	\$20,900	\$400	\$400	\$500
Importance Code B	\$8,600	\$2,300	\$7,700	\$2,200
Importance Code C	\$41,000			
Total	\$70,500	\$2,700	\$8,200	\$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.

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

NEW YORK PUBLIC LIBRARY - 035
THROG'S NECK BRANCH LIBRARY
Asset # : 13370

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	100%	2-4	\$18,700	LIFE	* *	5	\$11,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : At Base Of Entire Perimeter Parge Coat Of Cement Finish Failing								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Facade, Rear Courtyard								
Explanation : Split Face Exposed Aggregate Concrete Block								
Windows								
Aluminum	100%			2043	* *	5	\$2,600	
Parapets								
Concrete Masonry Unit	25%	2-4	\$1,800	LIFE	* *	5	\$400	
Caulking Deteriorated, Extent : Moderate, Area Affected : 100%								
Location : Throughout Precast Copings								
Masonry: Brick	75%			LIFE	* *	5	\$1,000	
Roof								
Modified Bitumen	100%			2027	\$108,300	10	\$18,400	
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	\$1,500	
Ceramic Tile	2%			2036	* *	5	\$200	
Vinyl Tile	90%			2027	\$66,700	3	\$2,900	
Interior Walls								
Ceramic Tile	2%			2036	* *	5	\$100	
Concrete Masonry Unit	92%			LIFE	* *	5	\$1,200	
Folding Partition	6%	Now	\$16,200	2052	* *	5	\$300	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Folding Partion Non-Functional								
Ceilings								
AcousTileConcealSpLn	95%			2044	* *	5	\$10,200	
Exposed Struc: Steel	5%			LIFE	* *			
Site Enclosure								
Free Standing Walls								
Concrete Masonry Unit	100%	0-2	\$24,800	2057	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Precast Concrete Copings At Top Of Freestanding Wall								
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 80%								
Location : Freestanding Wall Enclosure At Back								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2032	* *			

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

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
THROG'S NECK BRANCH LIBRARY
Asset # : 13370

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	100%			2027	\$1,500	5	\$200	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Electrical Room									
Explanation : Main Disconnect Service Switch Rated At 400 Amperes									
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2027	\$32,700	5	\$200	
Raceway									
	Conduit	80%			2037	* *	1		
	Conduit	20%			2047	* *	1		
Panelboards									
	Molded Case Bkrs	10%			2043	* *	5		
	Molded Case Bkrs	90%			2026	\$13,600	5	\$200	
Wiring									
	Thermoplastic	80%			2037	* *	1		
	Thermoplastic	20%			2047	* *	1		
Motor Controllers									
	Locally Mounted	80%			2040	* *	5		
	Locally Mounted	20%			2025	\$3,100	5		
Ground									
Grounding Devices									
	Not Accessible	100%							
Lighting									
Interior Lighting									
	Fluorescent	100%			2027	\$84,000	10	\$7,600	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%									
Location : Throughout									
Egress Lighting									
	Exit, Service	50%			2027	\$600	1		
	Exit, Battery	50%			2027	\$1,900	10	\$300	
Alarm									
Security System									
	Generic	100%			2032	* *	1	\$3,100	
Fire/Smoke Detection									
	Generic, Digital	100%			2032	* *	1-3	\$5,100	

Mechanical		Current Repair			Future Replacement		Maintenance		
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%			2047	* *	1		
Conversion Equipment									
	Hot Water Boiler	100%			2040	* *	1	\$4,100	
Distribution									
	Hot Wtr Piping/Pump	100%			2043	* *	4	\$600	

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

Estimates are rounded to the nearest hundred dollars.

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

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

NEW YORK PUBLIC LIBRARY - 035
THROG'S NECK BRANCH LIBRARY
Asset # : 13370

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Air Handler	50%			2027	\$55,200	1	\$2,600	
	Convactor/Radiator	50%			2040	**	1	\$1,300	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	100%			2032	**	1	\$3,800	
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2	\$10,800	
	Terminal Devices								
	Air Handler/Cool/Ht	100%			2027	\$88,100	1	\$5,100	
	Heat Rejection								
	Dry Cooler	100%			2027	\$42,700	2	\$5,800	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,600	
	Exhaust Fans								
	Roof	100%			2032	**	2	\$300	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2040	**	1		
	Water Heater								
	Gas Fired	100%			2025	\$4,800	2	\$100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : 2-40 Gallon								
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2032	**	1		
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Mechanical Room								
	Explanation : Boiler								
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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 18-May-2017 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 404 **Lot** : 39 **BIN** : 1005147

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$370,800	\$70,200
Interior Architecture	\$47,900	
Electrical		\$8,100
Mechanical		\$427,400
Total	\$418,700	\$505,800
Importance Code A	\$370,800	\$70,200
Importance Code B	\$47,900	\$435,600
Total	\$418,700	\$505,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$70,900			
Interior Architecture	\$48,300		\$1,300	\$7,900
Electrical	\$2,300	\$1,200	\$1,500	\$1,200
Mechanical	\$12,500	\$3,200	\$5,700	\$3,200
Site Enclosure	\$22,900			
Site Pavements	\$3,300			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$164,200	\$8,400	\$12,500	\$16,300
Importance Code A	\$71,700	\$700	\$700	\$700
Importance Code B	\$45,700	\$7,700	\$11,100	\$15,600
Importance Code C	\$46,900		\$700	
Total	\$164,200	\$8,400	\$12,500	\$16,300



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.

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

NEW YORK PUBLIC LIBRARY - 035
TOMPKINS SQUARE BRANCH LIBRARY
Asset # : 13371

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%	Now	\$42,000	LIFE	**	5	\$6,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : East, North And West Facades								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East, North And West Facades								
Masonry: Granite	5%			LIFE	**	5	\$1,200	
Masonry: Limestone	40%	Now	\$84,400	LIFE	**	5	\$4,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Street Facade At Window Openings								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Street Facade								
Slate Panels	3%			LIFE	**	5	\$700	
Stucco Cement	12%	Now	\$12,100	2033	**	5	\$2,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : North (Rear) Façade								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : North (Rear) Façade								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : North (Rear) Façade								
Explanation : Vegetation Growth								
Windows								
Aluminum	100%	Now	\$244,500	2053	**	5	\$2,600	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Windows Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Windows Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 10%								
Location : Various Locations - First Floor								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	**	5-10	\$4,500	
Masonry: Brick	65%	Now	\$26,400	LIFE	**	5	\$2,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East, North And West Parapet Walls								
Spalling, Extent : Severe, Area Affected : 15%								
Location : East, North And West Parapet Walls								
Masonry: Limestone	25%			LIFE	**	5-10	\$9,700	
Slate	5%			LIFE	**	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.

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

NEW YORK PUBLIC LIBRARY - 035
TOMPKINS SQUARE BRANCH LIBRARY
Asset # : 13371

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Modified Bitumen	85%	0-2	\$7,000	2028	\$70,200			
	Alligating, Extent : Moderate, Area Affected : 20%							
	Location : Seams Of Main Roof							
	Blisters, Extent : Light, Area Affected : 25%							
	Location : Main Roof							
	Vegetation Growth, Extent : Moderate, Area Affected : 15%							
	Location : Main Roof							
Modified Bitumen	15%	Now	\$12,400	2038	* *			
	Worn/Eroded, Extent : Moderate, Area Affected : 50%							
	Location : 2nd Floor Roof - South East Corner, 3rd Floor Roof - East Side							
Interior								
Floors								
Carpet	65%			2024	\$223,300	3	\$31,600	
Ceramic Tile	5%			2031	* *	5	\$1,200	
Sheet Vinyl/Rubber	30%	Now	\$47,900	2033	* *	5	\$5,500	
	Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%							
	Location : Basement Corridors, Mecanical Areas And Public Spaces							
	Uneven Substrate, Extent : Moderate, Area Affected : 25%							
	Location : Basement Corridors, Mecanical Areas And Public Spaces							
Interior Walls								
Ceramic Tile	5%			2031	* *	5	\$1,400	
Gypsum Board	80%			LIFE	* *	5-10	\$39,200	
Plaster	15%			LIFE	* *	5-10	\$3,700	
Ceilings								
AcousTile,Adhered	50%			2033	* *	5	\$12,200	
AcousTileSusp.Lay-In	30%	4+	\$6,500	2041	* *	5	\$3,700	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 15%							
	Location : Basement							
	Staining/Discoloring, Extent : Moderate, Area Affected : 20%							
	Location : Basement							
Gypsum Board	10%			LIFE	* *	5-10	\$8,400	
Plaster	10%	4+	\$800	LIFE	* *	5	\$1,500	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
	Location : First And Second Floor Ceilings							
	Paint Peeling, Extent : Light, Area Affected : 15%							
	Location : First And Second Floor Ceilings							
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2048	* *			
Free Standing Walls								
Masonry: Brick	100%	0-2	\$19,100	2038	* *			
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
	Location : Rear Yard - Perimeter Walls							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
TOMPKINS SQUARE BRANCH LIBRARY
Asset # : 13371

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

Site Enclosure

Retaining Walls

Masonry: Brick

100% 0-2 \$3,700 2038 * *

*Misaligned/Bulging, Extent : Moderate, Area Affected : 20%**Location : Areaway To Basement From Street*

Site Pavements

Public Sidewalk

Cast in Place Concrete

100% Now \$1,200 2041 * *

*Cracking/Crumbling, Extent : Moderate, Area Affected : 15%**Location : Sidewalk Adjacent To East 10th Street*

On-Site Walkways

Cast in Place Concrete

100% 2033 * *

Activity Yard

Cast in Place Concrete

100% 4+ \$2,100 2033 * *

*Other Observation, Extent : Moderate, Area Affected : 25%**Location : Rear Yard**Explanation : Worn / Eroded*

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100% 2048 * * 5 \$100

*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : 2- Main Service Disconnect Switches Rated @ 400 Amperes Each.*

Switchgear / Switchboard

Fused Disc Sw

100% 2048 * * 5 \$100

*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : 2- Vertical Sections*

Raceway

Conduit

100% 2048 * * 1

Panelboards

Fused Disc Sw

5% 2044 * * 5

Molded Case Bkrs

95% 2044 * * 5 \$400

Wiring

Thermoplastic

100% 2048 * * 1

Motor Controllers

Locally Mounted

100% 2041 * * 5 \$100

Ground

Grounding Devices

Generic

100% LIFE * * 5 \$400

Lighting

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

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

NEW YORK PUBLIC LIBRARY - 035
TOMPKINS SQUARE BRANCH LIBRARY
Asset # : 13371

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
Interior Lighting	Fluorescent	80%			2033	* *	10	\$10,800	
	T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location : Throughout The Building								
	Fluorescent	5%			2023	\$8,100	10	\$700	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Fluorescent		10%			2033	* *	10	\$1,300	
	Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways									
Fluorescent		5%			2033	* *	10	\$700	
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement									
Egress Lighting									
Emergency, Battery Exit, Service		50%			2033	* *	10	\$1,800	
		50%			2033	* *	1		
Exterior Lighting									
HID		10%			2028	\$6,100	10		
	No Component	90%							
Alarm									
Security System									
No Component Generic		30%							
		70%			2033	* *	1	\$3,800	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Reading Areas, Hallways And Outside								
Explanation : CCTV Surveillance Cameras									
Fire/Smoke Detection									
Generic, Digital		100%			2036	* *	1-3	\$9,100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical		Current Repair			Future Replacement		Maintenance		
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%			2038	* *	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2033	* *	1	\$7,300	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement Boiler Room								
	Explanation : 1 Unit								

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

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

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

NEW YORK PUBLIC LIBRARY - 035
TOMPKINS SQUARE BRANCH LIBRARY
Asset # : 13371

Mechanical		Current Repair		Future Replacement		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	100%	Now	\$1,200	2027	\$23,700	4	\$700	
Corroded, Extent : Severe, Area Affected : 10%									
Location : Circulation Pumps And Valves, Basement Boiler Room									
Other Observation, Extent : Severe, Area Affected : 5%									
Location : Boiler Room									
Explanation : Defective Temperature Control Panel									
Terminal Devices									
	Air Handler	30%			2028	\$64,200	1	\$2,700	
	Convactor/Radiator	70%			2026	\$57,000	1	\$3,300	
Air Conditioning									
Energy Source									
	Electricity	100%			2036	* *	1		
Conversion Equipment									
	Reciprocating Compr/Chiller	80%			2023	\$103,400	1	\$5,500	
R-22 Refrigerant, Extent : Light, Area Affected : 80%									
Location : Basement									
Repairs In Progress, Extent : Light, Area Affected : 80%									
Location : Basement									
	Exterior Pkg Unit - Cooling	10%			2028	\$12,300	2	\$100	
R-22 Refrigerant, Extent : Light, Area Affected : 10%									
Location : Roof									
	Window/Wall Unit	10%			2026	\$3,200	1		
Terminal Devices									
	Air Handler/Cool/Ht	80%			2028	\$136,600	1	\$7,300	
	No Component	20%							
Heat Rejection									
	Dry Cooler	80%			2023	\$66,200	2	\$8,200	
	No Component	20%							
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,000	
Exhaust Fans									
	Interior	70%	Now	\$1,900	2033	* *	2	\$300	
Other Observation, Extent : Severe, Area Affected : 5%									
Location : Basement									
Explanation : There Is No Vent For Gas Room									
	Roof	30%			2028	\$7,600	2	\$100	
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2038	* *	1		
Water Heater									
	Gas Fired	100%			2026	\$9,300	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.

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

NEW YORK PUBLIC LIBRARY - 035
TOMPKINS SQUARE BRANCH LIBRARY
Asset # : 13371

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2023	\$2,300	4	\$500	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : B- 3rd Floor							
		Explanation : 1 Unit							
Fire Suppression									
	Sprinkler								
	Generic	100%			2054	* *	1-2	\$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.

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : TOTTEVILLE BRANCH LIBRARY
Address : 7430 AMBOY RD. @YETMAN AVE.
Borough : STATEN ISLAND **Agency's Number** : T03
Program / Asset # : NPL0T03.000 / 13372 **Yr Built/Renovated** : 1904 / 1993
Area Sq Ft : 4,683 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 12-May-2016 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Floors 1
Block : 7899 **Lot** : 9 **BIN** : 5088113

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical		\$35,700
Mechanical		\$54,400
Total		\$90,100
Importance Code B		\$90,100
Total		\$90,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$63,700	\$11,400		
Interior Architecture	\$1,200	\$3,000	\$200	
Electrical	\$1,800	\$200	\$200	\$29,500
Mechanical	\$3,700	\$900	\$2,100	\$33,800
Total	\$70,400	\$15,600	\$2,500	\$63,300
Importance Code A	\$63,900	\$11,700	\$200	\$200
Importance Code B	\$5,300	\$3,900	\$2,300	\$63,100
Importance Code C	\$1,200			
Total	\$70,400	\$15,600	\$2,500	\$63,300



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.

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

NEW YORK PUBLIC LIBRARY - 035
TOTTENVILLE BRANCH LIBRARY
Asset # : 13372

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	48%	4+	\$8,800	LIFE	* *	5	\$8,600	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Corner At Rear Yard								
Stucco Cement	42%			2040	* *	5	\$18,900	
Wood	10%	Now	\$26,500	2032	* *	5	\$4,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : At Eaves								
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : At Eaves								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : At Eaves								
Windows								
Steel	2%			2035	* *	5	\$900	
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Community Room Exit								
Wood	98%	Now	\$28,400	2035	* *	5	\$17,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	7%			LIFE	* *	5		
Masonry: Limestone	3%			LIFE	* *	5		
No Component	90%							
Roof								
Asphalt Shingle	85%			2030	* *	10	\$1,500	
Modified Bitumen	15%			2027	\$10,600	10	\$1,600	
Interior								
Floors								
Carpet	70%			2023	\$80,000	3	\$8,500	
Cast in Place Concrete	5%			LIFE	* *	5	\$900	
Ceramic Tile	5%			2036	* *	5	\$400	
Vinyl Tile	20%			2032	* *	3	\$600	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$100	
Gypsum Board	75%			LIFE	* *	5	\$2,500	
Masonry: Brick	5%	Now	\$1,200	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Mechanical Room In Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Room In Basement								
Plaster	10%			LIFE	* *	5	\$200	
Wood	5%			LIFE	* *	5	\$1,100	

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
TOTTENVILLE BRANCH LIBRARY
Asset # : 13372

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									
Ceilings									
	Exposed Struc: Wood	70%			LIFE	**			
	Gypsum Board	25%			LIFE	**	5	\$2,500	
	Plaster	5%			LIFE	**	5	\$300	
Site Enclosure									
Fence/Gates									
	Chain link	90%			2037	**			
	Iron Picket	10%			2047	**			
Site Pavements									
On-Site Walkways									
	Cast in Place Concrete	70%			2032	**			
	Pavers/Stone	30%			2030	**			

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2037	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amperes Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2027	\$35,700	5		
Raceway								
Conduit	50%			2027	\$17,300	1		
Conduit	50%			2047	* *	1		
Panelboards								
Molded Case Bkrs	10%			2043	* *	5		
Molded Case Bkrs	90%			2026	\$14,900	5	\$100	
Wiring								
Thermoplastic	90%			2047	* *	1		
Thermoplastic	10%			2037	* *	1		
Motor Controllers								
Locally Mounted	100%			2032	* *	5		
Ground								
Grounding Devices								
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.

NEW YORK PUBLIC LIBRARY - 035
TOTTENVILLE BRANCH LIBRARY
Asset # : 13372

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	40%			2022	\$20,700	10	\$1,700	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
Fluorescent	20%			2027	\$10,400	10	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T8 And T12 Lamps</i>								
HID	10%			2027	\$3,500	10		
Incandescent	20%			2027	\$10,400	2		
Incandescent	10%			2022	\$5,200	2		
Egress Lighting								
Emergency, Service	50%			2022	\$1,300	1		
Exit, Service	50%			2022	\$400	1		
Exterior Lighting								
HID	50%			2032	**	10		
Incandescent	10%	0-2	\$1,700	2037	**	2		
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Building Exterior</i>								
No Component	40%							
Alarm								
Security System								
Generic	100%			2027	\$15,700	1	\$1,800	

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2047	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2032	**	1	\$2,300	
Distribution								
Hot Wtr Piping/Pump	100%			2035	**	4	\$300	
Terminal Devices								
Air Handler	40%			2027	\$27,300	1	\$1,200	
Convactor/Radiator	60%			2032	**	1	\$900	
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Reciprocating	80%			2022	\$32,900	1	\$1,700	
Compr/Chiller								
Window/Wall Unit	20%			2025	\$2,000	1		

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

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

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

NEW YORK PUBLIC LIBRARY - 035
TOTTENVILLE BRANCH LIBRARY
Asset # : 13372

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Distribution								
	CW & CHW Wtr Pipe/Pump	100%			2037	* *	4	\$200	
	Terminal Devices								
	Air Handler/Cool/Ht	100%			2027	\$54,400	1	\$2,900	
Heat Rejection									
	Air Cooled Condenser Unit	100%			2027	\$9,800	2	\$3,300	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$2,600	
	Exhaust Fans								
	Interior	100%			2027	\$17,300	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	50%			2047	* *	1		
	Galvanized Steel	50%			2032	* *	1		
	Water Heater								
	Gas Fired	100%			2025	\$3,000	2	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%	Now	\$2,000	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%									
Location : Basement									
Explanation : Strong Sewage Odor In Basement									
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%									
Location : 1st Floor									
Explanation : Chair Lift									

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

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 14-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,M,2,3
Block : 2918 **Lot** : 1 **BIN** : 2009573

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$186,800	
Mechanical		\$267,000
Total	\$186,800	\$267,000
Importance Code A	\$186,800	\$87,000
Importance Code B		\$180,000
Total	\$186,800	\$267,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$36,300			
Interior Architecture	\$39,000	\$4,200	\$800	\$300
Electrical	\$24,600	\$1,200	\$1,000	\$13,500
Mechanical	\$10,500	\$2,500	\$5,400	\$2,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$114,400	\$11,800	\$11,100	\$20,200
Importance Code A	\$36,800	\$600	\$600	\$700
Importance Code B	\$64,200	\$11,200	\$10,000	\$19,400
Importance Code C	\$13,300		\$500	
Total	\$114,400	\$11,800	\$11,100	\$20,200



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 - 035
TREMONT BRANCH LIBRARY
Asset # : 13373

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%			LIFE	* *	5	\$11,700	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : South And West Facades								
Masonry: Brick	25%	Now	\$44,800	LIFE	* *	5	\$7,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : North Facade, East Façade								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : North Facade, East Façade								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : North Facade, East Façade								
Masonry: Granite	10%			LIFE	* *	5	\$2,200	
Masonry: Limestone	10%			LIFE	* *	5	\$2,200	
Metal, Corrugated	5%			2037	* *	1		
Stucco Cement	10%	Now	\$8,600	2040	* *	5	\$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : East Facade								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : East Facade								
Explanation : Cement Parge Coat over brick								
Windows								
Glass Block	2%			LIFE	* *	5	\$100	
Wood	98%	Now	\$37,800	2035	* *	5	\$24,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 35%								
Location : Street Height, South And West Facades								
Explanation : Protective Metal Grilles								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
TREMONT BRANCH LIBRARY
Asset # : 13373

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	5%	Now	\$11,600	LIFE	* *	5	\$1,400	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Coping At East And North Parapets								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Coping At East And North Parapets								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%								
Location : Coping At East And North Parapets								
Masonry: Brick	55%	Now	\$46,300	LIFE	* *	5	\$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Interior Face Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : West Facade								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Interior Parapet Wall Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Brick	25%			LIFE	* *	5	\$900	
Masonry: Limestone	10%			LIFE	* *	5	\$500	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Cornice								
Masonry: Sandstone	5%	Now	\$16,100	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%								
Location : Coping At North And East Parapets, Mechanical Bulkhead								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Coping At North And East Parapets								
Explanation : This Material Is Actually Bluestone.								
Roof								
Modified Bitumen	100%	Now	\$57,900	2037	* *			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Debris Present, Extent : Severe, Area Affected : 10%								
Location : Lower Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 40%								
Location : Parapet Walls And Mechanical Bulkhead								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Bulkhead And Third Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

Interior

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

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

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

NEW YORK PUBLIC LIBRARY - 035
TREMONT BRANCH LIBRARY
Asset # : 13373

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								
Floors								
Carpet	10%			2026	\$13,200	3	\$1,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Second Floor								
Cast in Place Concrete	10%			LIFE	**	5	\$2,200	
Ceramic Tile	5%			2036	**	5	\$500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Restrooms								
Marble Panels	5%			LIFE	**	5	\$400	
Slate	5%			LIFE	**	5	\$500	
Terrazzo	3%			LIFE	**	5	\$200	
Vinyl Tile	7%			2032	**	3	\$300	
Vinyl Tile	20%	Now	\$17,500	2037	**	3	\$800	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Third Floor								
Loose/Miss Fasteners, Extent : Severe, Area Affected : 50%								
Location : Third Floor								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Third Floor								
Wood	35%			2055	**	5	\$6,700	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : First Floor								
Interior Walls								
Ceramic Tile	5%			2036	**	5	\$1,100	
Gypsum Board	5%			LIFE	**	5	\$700	
Marble Panels	5%			LIFE	**			
Plaster	30%			LIFE	**	5	\$2,000	
Plaster	35%			LIFE	**	5	\$2,300	
Plaster	15%	Now	\$13,300	LIFE	**	5	\$1,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Roof Stair, Third Floor At Custodian Apartment								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Third Floor At Custodian Apartment								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Roof Stair, Third Floor At Custodian Apartment								
Wood	5%			LIFE	**	5	\$4,400	

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NEW YORK PUBLIC LIBRARY - 035
TREMONT BRANCH LIBRARY
Asset # : 13373

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

Interior

Ceilings

AcousTile,Adhered	5%			2040	**	5	\$500	
Exposed Concrete	5%			LIFE	**	5	\$100	
Gypsum Board	10%			LIFE	**	5	\$1,300	
Plaster	30%			LIFE	**	5	\$1,900	
Plaster	30%			LIFE	**	5	\$1,900	
Plaster	15%	Now	\$8,100	LIFE	**	5	\$1,000	

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 Custodian Apartment

Plaster	5%			LIFE	**	5	\$300	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Throughout

Explanation : Crown Moulding

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

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2027	\$1,500	5	\$300	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Main Service Disconnect Switch Rated @ 800 Amperes

Switchgear / Switchboard

Molded Case Bkrs	100%			2027	\$32,700	5	\$300	
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Raceway

Conduit	95%			2027	\$30,200	1		
Conduit	5%			2047	**	1		

Panelboards

Fused Disc Sw	5%			2043	**	5		
Molded Case Bkrs	15%			2035	**	5		
Molded Case Bkrs	40%			2043	**	5	\$100	
Molded Case Bkrs	40%			2026	\$6,100	5	\$100	

Wiring

Braided Cloth	50%	2-4	\$14,100	2052	**	1		
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Insulation Aged, Extent : Moderate, Area Affected : 100%

Location : Throughout

Thermoplastic	30%			2037	**	1		
Thermoplastic	20%			2047	**	1		

Motor Controllers

Locally Mounted	100%			2032	**	5	\$100	
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Ground

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

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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.

NEW YORK PUBLIC LIBRARY - 035
TREMONT BRANCH LIBRARY
Asset # : 13373

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	0-2	\$9,600	LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded</i>								
Lighting								
Interior Lighting								
Fluorescent	65%			2032	**	10	\$7,100	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	30%			2032	**	10	\$3,300	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Reading Areas</i>								
Fluorescent	5%			2032	**	10	\$500	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Reading Areas</i>								
Egress Lighting								
Emergency, Battery	45%			2032	**	10	\$1,300	
Exit, LED	10%			2055	**	1		
Exit, Service	45%			2032	**	1		
Exterior Lighting								
HID	20%			2027		10		
No Component	80%							
Alarm								
Security System								
No Component	40%							
Generic	60%			2035	**	1	\$2,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Reading Areas And Outside</i>								
<i>Explanation : CCTV Surveillance Camera System</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2035	**	1-3	\$7,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2037	**	1		

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Estimates are rounded to the nearest hundred dollars.

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

NEW YORK PUBLIC LIBRARY - 035
TREMONT BRANCH LIBRARY
Asset # : 13373

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Hot Water Boiler	100%			2025	\$87,000	1	\$5,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Boiler Room							
		Explanation : 1 Old Unit							
	Distribution								
	Hot Wtr Piping/Pump	100%	0-2	\$1,800	2026	\$17,600	4	\$600	
		Corroded, Extent : Severe, Area Affected : 40%							
		Location : Basement							
	Terminal Devices								
	Air Handler	40%			2032	**	1	\$2,900	
	Convactor/Radiator	60%			2032	**	1	\$2,300	
Air Conditioning									
	Energy Source								
	Electricity	100%			2035	**	1		
	Conversion Equipment								
	Reciprocating	100%			2027	\$95,800	1	\$5,500	
	Compr/Chiller								
		R-22 Refrigerant, Extent : Light, Area Affected : 100%							
		Location : 3 Units. Roof							
	Distribution								
	CW & CHW Wtr	100%			2037	**	4	\$600	
	Pipe/Pump								
	Terminal Devices								
	Air Handler/Cool/Ht	100%			2032	**	1	\$7,400	
	Heat Rejection								
	Air Cooled Condenser	100%			2027	\$22,800	2	\$8,300	
	Unit								
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,600	
	Exhaust Fans								
	Interior	80%			2032	**	2	\$300	
	Roof	20%			2032	**	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2027	\$84,200	1		
	Water Heater								
	Gas Fired	100%			2027	\$6,900	2	\$200	
	Sanitary Piping								
	Cast Iron	100%	Now	\$4,100	LIFE	**	1		
		Blockage /Clogged, Extent : Severe, Area Affected : 5%							
		Location : 1st Floor Restrooms							
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Submersible	100%			2019	\$400	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.

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

NEW YORK PUBLIC LIBRARY - 035
TREMONT BRANCH LIBRARY
Asset # : 13373

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year 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-2							
		Explanation : One Unit. Multi-defects							
Fire Suppression									
	Sprinkler								
	No Component	90%							
	Generic	10%			2053		* *	1-2	\$300
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Stairway Only							
		Explanation : New Install							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : VAN NEST BRANCH LIBRARY
Address : 2147 BARNES AVE. @LYDIG AVE.
Borough : BRONX **Agency's Number** : V01
Program / Asset # : NPL0V01.000 / 13374 **Yr Built/Renovated** : 1968 / 1998
Area Sq Ft : 7,690 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 20-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 4321 **Lot** : 70 **BIN** : 2049427

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$62,200	
Electrical		\$154,800
Mechanical		\$291,000
Total	\$62,200	\$445,800
Importance Code A	\$62,200	\$56,200
Importance Code B		\$389,500
Total	\$62,200	\$445,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$40,400	\$700		
Interior Architecture		\$1,100		
Electrical	\$700	\$700	\$900	\$6,400
Mechanical	\$3,100	\$1,600	\$5,800	\$1,600
Total	\$44,200	\$4,100	\$6,700	\$7,900
Importance Code A	\$40,800	\$1,000	\$400	\$500
Importance Code B	\$3,400	\$3,100	\$6,300	\$7,500
Importance Code C				
Total	\$44,200	\$4,100	\$6,700	\$7,900



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

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
VAN NEST BRANCH LIBRARY
Asset # : 13374

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$8,000	
Masonry: Brick	85%			LIFE	**	5	\$13,700	
Granite Panels	5%	Now	\$17,300	LIFE	**	5	\$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Granite Base At Front Of Building Failing								
Windows								
Aluminum	75%			2035	**	5	\$1,300	
Steel	25%			2043	**	5	\$5,500	
Parapets								
Cast Stone/Terra Cotta	10%	0-2	\$3,000	LIFE	**	5	\$3,000	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Caulking Deteriorated, Extent : Severe, Area Affected : 100%								
Location : All Copings Require Caulking Replacement								
Masonry: Brick	90%	Now	\$20,100	LIFE	**	5	\$3,400	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Single Ply Membrane	100%	0-2	\$62,200	2037	**			
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Throughout Roof Area								
Blisters, Extent : Severe, Area Affected : 10%								
Location : Throughout Roof Area								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$2,300	
Terrazzo	5%			LIFE	**	5	\$400	
Vinyl Tile	85%			2032	**	3	\$3,300	
Interior Walls								
Concrete Masonry Unit	98%			LIFE	**	5	\$2,100	
Glass: Single Pane	1%			LIFE	**	5		
Plaster	1%			LIFE	**	5		
Ceilings								
Embossed Metal	100%			LIFE	**	5	\$4,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	**			

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

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
VAN NEST BRANCH LIBRARY
Asset # : 13374

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2027	\$1,500	5	\$200	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Electrical Room					
				Explanation : One 350 Amperes Main Disconnect Switch					
	Raceway								
	Conduit	100%			2037	* *	1		
	Wiring								
	Braided Cloth	30%			2026	\$8,400	1		
				Insulation Aged, Extent : Moderate, Area Affected : 100%					
				Location : Throughout					
	Thermoplastic	70%			2047	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2025	\$15,300	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	85%			2027	\$66,300	10	\$6,000	
				T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%					
				Location : Throughout					
	Fluorescent	10%			2027	\$7,800	10	\$700	
				Compact Fluorescent Light, Extent : Light, Area Affected : 100%					
				Location : 1st Floor Downlight					
	Incandescent	5%			2022	\$3,900	2		
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement Mechanical Rooms					
				Explanation : Incandescent Lighting Observed					
	Egress Lighting								
	Emergency, Battery	5%			2022	\$500	10	\$100	
	Exit, LED	70%			2055	* *	1		
	Exit, Battery	25%			2022	\$900	10	\$100	
Alarm									
	Security System								
	Generic	100%			2027	\$23,600	1	\$2,900	
	Fire/Smoke Detection								
	Generic, Analog	100%			2027	\$80,700	1-3	\$4,700	

Mechanical		Current Repair			Future Replacement		Maintenance		
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%			2047	* *	1		

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

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

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

NEW YORK PUBLIC LIBRARY - 035
VAN NEST BRANCH LIBRARY
Asset # : 13374

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2025	\$56,200	1	\$3,800	
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	\$600	
Terminal Devices								
Air Handler	50%			2027	\$51,300	1	\$2,400	
Convactor/Radiator	50%			2040	* *	1	\$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2027	\$61,900	1	\$3,600	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$10,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2027	\$81,800	1	\$4,800	
Heat Rejection								
Dry Cooler	100%			2027	\$39,700	2	\$5,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,300	
Exhaust Fans								
Roof	100%			2027	\$12,100	2	\$200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2040	* *	1		
Water Heater								
Gas Fired	100%			2025	\$4,500	2	\$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Poorly Located - 1-40 Gallon								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2027	\$2,100	4	\$500	
Backflow Preventer								
No Component	95%							
Generic	5%			2032	* *	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.*

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 11-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Floors 1
Block : 4832 **Lot** : 20 **BIN** : 2063175

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical	\$139,200	
Total	\$139,200	
Importance Code B	\$139,200	
Total	\$139,200	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$34,700			\$18,100
Interior Architecture	\$8,800			\$14,200
Electrical	\$14,100		\$100	\$29,500
Mechanical	\$3,200	\$2,000	\$3,800	\$3,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$64,700	\$6,000	\$7,900	\$69,500
Importance Code A	\$35,700	\$1,100	\$1,100	\$19,300
Importance Code B	\$29,000	\$4,900	\$6,800	\$50,200
Importance Code C				
Total	\$64,700	\$6,000	\$7,900	\$69,500



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 - 035
WAKEFIELD BRANCH LIBRARY
Asset # : 13375

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	\$34,700	LIFE	* *	5	\$22,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Entire</i>								
<i>Explanation : Under Construction - Data To Follow Is A Carryover From Previous 2008 Report</i>								
Masonry: Limestone	5%			LIFE	* *	5	\$900	
Windows								
Aluminum	100%			2043	* *	5	\$4,000	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	\$5,200	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	5%			LIFE	* *	5	\$300	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Single Ply Membrane	100%			2032	* *	10	\$18,100	
Interior								
Floors								
Carpet	75%			2028	\$155,900	3	\$24,100	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
Terrazzo	5%			LIFE	* *	5	\$600	
Vinyl Tile	20%	Now	\$2,800	2027	\$27,700	3	\$1,200	
<i>Split/Cracked, Extent : Light, Area Affected : 60%</i>								
<i>Location : Basement And 2nd Floor</i>								
Interior Walls								
Plaster	100%			LIFE	* *	5	\$9,000	
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTile,Adhered	97%			2032	* *	5	\$15,600	
Gypsum Board	1%			LIFE	* *	5	\$200	
Plaster	2%			LIFE	* *	5	\$200	
<i>Recent Repair Evident, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								

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

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.*

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

NEW YORK PUBLIC LIBRARY - 035
WAKEFIELD BRANCH LIBRARY
Asset # : 13375

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	100%			2027	\$1,500	5	\$300	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 800 Amperes Main Disconnect Switch									
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2027	\$32,700	5	\$300	
Raceway									
	Conduit	90%			2027	\$28,600	1		
	Conduit	10%			2037	* *	1		
Panelboards									
	Fused Disc Sw	5%			2026	\$800	5		
	Molded Case Bkrs	95%			2026	\$14,400	5	\$300	
Wiring									
	Braided Cloth	50%	2-4	\$14,100	2052	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Basement									
	Thermoplastic	10%			2047	* *	1		
	Thermoplastic	40%			2027	\$11,200	1		
Motor Controllers									
	Locally Mounted	100%			2025	\$30,600	5	\$100	
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$200	
Lighting									
Interior Lighting									
	Fluorescent	90%			2022	\$98,100	10	\$8,900	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : Using T12 Lamps									
	Incandescent	10%			2022	\$10,900	2		
Egress Lighting									
	Emergency, Battery	50%			2022	\$7,300	10	\$1,300	
	Exit, Service	50%			2022	\$800	1		
Exterior Lighting									
	HID	100%			2022	\$41,100	10		

Mechanical		Current Repair			Future Replacement		Maintenance		
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.
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NEW YORK PUBLIC LIBRARY - 035
WAKEFIELD BRANCH LIBRARY
Asset # : 13375

Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2047	* *	1		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Nb: Under Contruction, No Access. So I Keep The Same Information From Previous Survey On January 04, 2008 By Sm.								
	Conversion Equipment								
	Steam Boiler	100%			2040	* *	1	\$10,600	
	Distribution								
	Hot Wtr Piping/Pump	30%			2043	* *	4	\$200	
	Other Observation, Extent : Light, Area Affected : 75%								
	Location : Basement Boiler Room								
	Explanation : Water Coil In Steam Boiler								
	Central Plant Steam Piping/Pmp	70%			2047	* *	4	\$600	
	Terminal Devices								
	Convactor/Radiator	100%			2032	* *	1	\$3,500	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	* *	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	20%			2027	\$17,300	1	\$1,000	
	Exterior Pkg Unit - Cooling	70%			2035	* *	2	\$500	
	Window/Wall Unit	10%			2022	\$2,100	1		
	Terminal Devices								
	Air Handler/Dir Expansion	20%			2027	\$22,800	1		
	No Component	80%							
	Heat Rejection								
	Dry Cooler	90%			2035	* *	2	\$6,700	
	No Component	10%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,000	
	Exhaust Fans								
	Interior	80%			2032	* *	2	\$300	
	Roof	20%			2027	\$3,400	2	\$100	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2040	* *	1		
	Water Heater								
	Electric	100%			2026	\$9,000	4	\$100	
	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.

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

NEW YORK PUBLIC LIBRARY - 035
WAKEFIELD BRANCH LIBRARY
Asset # : 13375

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2020	\$300	4	\$300	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : B-1							
		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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : WASHINGTON HEIGHTS BRANCH LIBRARY
Address : 1000 ST. NICHOLAS AVE. @W. 160 STREET
Borough : MANHATTAN **Agency's Number** : W02
Program / Asset # : NPL0W02.000 / 13376 **Yr Built/Renovated** : 1905 / 2013
Area Sq Ft : 17,497 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 04-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2109 **Lot** : 55 **BIN** : 1062551

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$272,300	\$107,800
Interior Architecture		\$90,200
Mechanical		\$348,600
Total	\$272,300	\$546,600
Importance Code A	\$272,300	\$107,800
Importance Code B		\$438,800
Total	\$272,300	\$546,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$37,400	\$3,500		
Interior Architecture	\$53,700	\$400	\$1,600	\$500
Electrical	\$400	\$300	\$300	\$1,100
Mechanical	\$4,100	\$5,200	\$4,700	\$7,900
Total	\$95,600	\$9,400	\$6,600	\$9,500
Importance Code A	\$38,300	\$4,300	\$900	\$1,100
Importance Code B	\$38,500	\$5,000	\$5,800	\$8,400
Importance Code C	\$18,900			
Total	\$95,600	\$9,400	\$6,600	\$9,500



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 - 035
WASHINGTON HEIGHTS BRANCH LIBRARY
Asset # : 13376

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	\$272,300	LIFE	**	5	\$44,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : East Side Upper Floors And Throughout								
Masonry: Granite	5%			LIFE	**	5	\$1,900	
Masonry: Limestone	5%	Now	\$30,400	LIFE	**	5	\$1,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	100%			2035	**	5	\$7,000	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Upper Floors								
Explanation : Window Replacement Slated For 2017								
Parapets								
Masonry: Brick	60%	Now	\$6,100	LIFE	**	5	\$2,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Slated For Completion In 2017 - Parapet Entire								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Interior Face - Parapet Walls								
Masonry: Limestone	15%			LIFE	**	5	\$700	
Metal Security Bars	5%			2042	**			
Stucco Cement	20%	Now	\$900	2032	**	5	\$900	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Modified Bitumen	95%			2027	\$63,200	10	\$10,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof Entire								
Explanation : Repairs In Progress - Slated For Completion In 2017								
Skylight, Metal/Glass	5%			2057	**	10	\$1,900	
Interior								
Floors								
Carpet	3%			2023	\$10,200	3	\$1,200	
Cast in Place Concrete	20%			LIFE	**	5	\$11,500	
Ceramic Tile	2%			2036	**	5	\$500	
Vinyl Tile	40%			2027	\$90,200	3	\$3,900	
Wood	2%			2042	**	5	\$1,000	
Under Construction	33%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : 3rd Floor								
Explanation : Completely Guttred								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
WASHINGTON HEIGHTS BRANCH LIBRARY
Asset # : 13376

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								
Folding Partition	5%			2043	**	5	\$5,600	
Gypsum Board	10%			LIFE	**	5	\$2,700	
Plaster	52%	0-2	\$18,900	LIFE	**	5	\$7,000	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement, Sub-basementt And Staircase</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 3rd Floor And Basement, Storage Room, Sub-basement</i>								
Under Construction	33%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : 3rd Floor Entire</i>								
<i>Explanation : Slated For Completion 2017</i>								
Ceilings								
Plaster	10%	0-2	\$34,800	LIFE	**	5	\$1,600	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement, Sub-basement And Staircase</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Basement, Sub-basement And Staircase</i>								
Plaster	57%			LIFE	**	5	\$9,300	
Under Construction	33%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : 3rd Floor Entire - Slated For Completion 2017</i>								
<i>Explanation : Completely Guttet</i>								

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2047	**	5	\$500	
Switchgear / Switchboard								
Molded Case Bkrs	100%			2057	**	5	\$500	
Raceway								
Conduit	100%			2057	**	1		
Panelboards								
Fused Disc Sw	10%			2052	**	5		
Molded Case Bkrs	90%			2052	**	5	\$400	
Wiring								
Thermoplastic	100%			2057	**	1		
Motor Controllers								
Locally Mounted	100%			2047	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	

Lighting

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

Estimates are rounded to the nearest hundred dollars.

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

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

NEW YORK PUBLIC LIBRARY - 035
WASHINGTON HEIGHTS BRANCH LIBRARY
Asset # : 13376

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	10%			2037	* *	10	\$1,600	
				Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%					
				Location : Staircases And Hallways					
	Fluorescent	90%			2037	* *	10	\$14,400	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Throughout The Building					
				Explanation : T-8 Lamps					
	Egress Lighting								
	Emergency, Battery	50%			2037	* *	10	\$2,100	
	Exit, LED	50%			2067	* *	1		
	Exterior Lighting								
	HID	100%			2037	* *	10	\$100	
Alarm									
	Security System								
	No Component	80%							
	Generic	20%			2037	* *	1	\$1,300	
	Fire/Smoke Detection								
	No Component	80%							
	Generic, Digital	20%			2037	* *	1-3	\$2,200	
Mechanical		Current Repair		Future Replacement		Maintenance			
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%			2037	* *	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2047	* *	1	\$8,700	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Mechanical Room					
				Explanation : 2 Units					
	Distribution								
	Hot Wtr Piping/Pump	100%			2035	* *	4	\$1,300	
	Terminal Devices								
	Air Handler	50%			2027	\$116,700	1	\$5,400	
	Convactor/Radiator	50%			2032	* *	1	\$2,800	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	* *	1		
	Conversion Equipment								
	Reciprocating	80%			2027	\$112,700	1	\$6,500	
	Compr/Chiller								
				R-22 Refrigerant, Extent : Moderate, Area Affected : 100%					
				Location : Mechanical Room					
	No Component	20%							

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NEW YORK PUBLIC LIBRARY - 035
WASHINGTON HEIGHTS BRANCH LIBRARY
Asset # : 13376

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	80%			2027	\$119,200	1	\$8,700	
No Component	20%							
Heat Rejection								
Dry Cooler	80%			2032	* *	2	\$9,800	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,800	
Exhaust Fans								
Interior	100%			2035	* *	2	\$500	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2037	* *	1		
Galvanized Steel	80%			2032	* *	1		
Water Heater								
Gas Fired	100%			2025	\$10,100	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2022	\$2,500	4	\$400	
Sewage Ejector(s)								
Electric	100%			2027	\$4,800	4	\$1,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1 (B-4) And 1(1-2)								
Explanation : 2 Units								

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 31-May-2017 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 1472 **Lot** : 28 **BIN** : 1045991

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$431,100	
Interior Architecture	\$35,300	
Electrical		\$243,500
Mechanical	\$119,100	\$95,000
Total	\$585,500	\$338,500
Importance Code A	\$431,100	
Importance Code B	\$119,100	\$338,500
Importance Code C	\$35,300	
Total	\$585,500	\$338,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$93,100			
Interior Architecture	\$75,100		\$700	
Electrical	\$10,800	\$1,000	\$1,100	\$1,200
Mechanical	\$4,800	\$1,400	\$1,900	\$1,400
Site Enclosure	\$3,100			
Site Pavements	\$2,800			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$193,800	\$6,300	\$7,700	\$6,500
Importance Code A	\$93,700	\$600	\$600	\$600
Importance Code B	\$79,200	\$5,700	\$6,400	\$5,900
Importance Code C	\$20,900		\$700	
Total	\$193,800	\$6,300	\$7,700	\$6,500



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NEW YORK PUBLIC LIBRARY - 035
WEBSTER BRANCH LIBRARY
Asset # : 13377

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%	Now	\$158,000	LIFE	* *	5	\$25,800	
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : North And South Facades - Corners - Near Upper Parapet Walls								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : North And South Facades - Corners - Near Upper Parapet Walls								
Masonry: Granite	5%	Now	\$24,300	LIFE	* *	5	\$1,500	
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%								
Location : At Entry Stair Landing And Stair To Basement								
Masonry: Limestone	25%			LIFE	* *	5	\$14,900	
Metal Panel	5%	0-2	\$1,400	2038	* *	5	\$3,700	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Windows								
Wood	100%	0-2	\$222,700	2053	* *	5	\$29,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : 4th Floor Apartment								
Hardware Missing, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 75%								
Location : Lexan Panes Throughout								
Weather Strip Missing, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Protective Metal Grilles - Rear Facade								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	\$2,500	
Masonry: Brick	75%	Now	\$30,800	LIFE	* *	5	\$1,300	1
Horizontal Cracks, Extent : Severe, Area Affected : 20%								
Location : Interior Parapet Walls On Roof Above Penthouse								
Misaligned/Bulging, Extent : Severe, Area Affected : 25%								
Location : Interior Parapet Walls On Roof Above Penthouse								
Masonry: Limestone	10%			LIFE	* *	5-10	\$2,100	
Slate	10%	Now	\$20,100	LIFE	* *	5	\$200	
Worn/Eroded, Extent : Severe, Area Affected : 25%								
Location : Coping Stones On Parapet Walls								
Roof								
Roll Roofing	95%	2-4	\$5,400	2027	\$26,800	5	\$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Skylight, Metal/Glass	5%	Now	\$50,400	2058	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Skylight Entire								

Interior

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NEW YORK PUBLIC LIBRARY - 035
WEBSTER BRANCH LIBRARY
Asset # : 13377

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								
Floors								
Cast in Place Concrete	15%			LIFE	**	5	\$9,000	
Mosaic Tile	2%			2033	**	5	\$700	
Marble Panels	3%			LIFE	**	5	\$600	
Terrazzo	5%			LIFE	**	5	\$1,100	
Wood	75%	4+	\$34,500	2043	**	5	\$9,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : 1st And 2nd Floor Reading Areas								
Interior Walls								
Ceramic Tile	5%			2031	**	5	\$1,400	
Concrete Masonry Unit	5%			LIFE	**	5	\$1,200	
Masonry: Brick	5%	4+	\$5,700	LIFE	**			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Walls								
Plaster	15%	Now	\$35,300	LIFE	**	5	\$1,300	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 80%								
Location : 4th Floor Custodial Apartment								
Plaster	70%			LIFE	**	5-10	\$17,200	
Ceilings								
Masonry:Vault Struct	10%	Now	\$9,900	LIFE	**			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Storage Area In Basement - Water Entering From Stair Landing								
Plaster	90%	0-2	\$7,900	LIFE	**	5	\$7,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : basement ceiling								
Site Enclosure								
Fence/Gates								
Aluminum Picket	40%			2038	**			
Iron Picket	60%	4+	\$600	2048	**			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Front Gate								
Retaining Walls								
Masonry: Brick	100%	Now	\$2,500	2038	**			
Spalling, Extent : Light, Area Affected : 15%								
Location : Rear Yard								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Under Main Entry Stair								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2041	**			
On-Site Walkways								
Cast in Place Concrete	50%			2041	**			
Masonry: Granite	50%	Now	\$2,800	LIFE	**			
Caulking Deteriorated, Extent : Severe, Area Affected : 20%								
Location : Water Saturation In Stone Evident At Entry Platform								
Activity Yard								
Cast in Place Concrete	100%			2033	**			

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NEW YORK PUBLIC LIBRARY - 035
WEBSTER BRANCH LIBRARY
Asset # : 13377

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2038	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Main Service Disconnect Switch Rated @ 1200 Amperes.							
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2038	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : 1- Vertical Section							
	Raceway								
	Conduit	100%			2038	* *	1		
	Panelboards								
	Fused Disc Sw	5%			2036	* *	5		
	Molded Case Bkrs	95%			2036	* *	5	\$300	
	Wiring								
	Thermoplastic	100%			2038	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2033	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%	0-2	\$9,600	LIFE	* *	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Water Main							
		Explanation : Corroded							
Lighting									
	Interior Lighting								
	Fluorescent	93%			2028	\$111,300	10	\$10,100	
		T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Reading Areas							
	Fluorescent	5%			2028	\$6,000	10	\$500	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Hallways And Toilets							
	Fluorescent	2%			2028	\$2,400	10	\$200	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Egress Lighting								
	Emergency, Battery	50%			2028	\$8,100	10	\$1,400	
	Exit, Service	50%			2028	\$900	1		
	Exterior Lighting								
	HID	20%			2028	\$9,000	10		
	No Component	80%							

Alarm

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NEW YORK PUBLIC LIBRARY - 035
WEBSTER BRANCH LIBRARY
Asset # : 13377

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

Alarm

Security System

No Component

30%

Generic

70%

2036

* *

1

\$3,100

*Other Observation, Extent : Light, Area Affected : 100%**Location : Reading Areas, Hallways And Outside**Explanation : CCTV Surveillance Cameras*

Fire/Smoke Detection

Generic, Digital

100%

2028

\$123,800

1-3

\$7,500

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations, Smoke Detectors And Horns*

Mechanical		Current Repair			Future Replacement		Maintenance		
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%

2038

* *

1

Conversion Equipment

Hot Water Boiler

100%

2033

* *

1

\$5,800

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement Boiler Room**Explanation : 1 Unit*

Distribution

Hot Wtr Piping/Pump

100%

2027

\$17,500

4

\$900

Terminal Devices

Convactor/Radiator

100%

2026

\$59,900

1

\$3,800

Air Conditioning

Energy Source

Electricity

100%

2036

* *

1

Conversion Equipment

Int Pkg Unit -

Heating/Cooling

50%

2022

\$119,100

2

\$400

*R-22 Refrigerant, Extent : Light, Area Affected : 50%**Location : 3 Units, 4th Floor*

Ext Pkg Unit -

Heating/Cooling

25%

2023

\$35,000

2

\$200

*R-22 Refrigerant, Extent : Light, Area Affected : 25%**Location : 1 Unit, 2nd Floor Roof*

Split Unit

10%

2028

\$23,900

*R-22 Refrigerant, Extent : Light, Area Affected : 10%**Location : 2 Units, 2nd Floor Roof*

No Component

15%

Terminal Devices

Fan Coil - 2 Pipe

10%

2028

\$18,100

1

\$400

No Component

90%

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NEW YORK PUBLIC LIBRARY - 035
WEBSTER BRANCH LIBRARY
Asset # : 13377

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
Heat Rejection									
	Air Cooled Condenser Unit	10%			2028	\$1,900	2	\$800	
	No Component	90%							
Ventilation									
Distribution									
	Ductwork/Diffusers	75%			LIFE	* *	2-5	\$7,800	
	No Component	25%							
Exhaust Fans									
	Interior	75%			2028	\$29,900	2	\$300	
	Roof	10%			2028	\$1,900	2		
	No Component	15%							
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2038	* *	1		
Water Heater									
	Gas Fired	100%			2026	\$6,800	2	\$200	
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Submersible	100%			2019	\$400	4	\$400	
Fixtures									
	Generic	100%							
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : B - 3rd Floor								
	Explanation : 1 Unit								
Fire Suppression									
Sprinkler									
	No Component	70%							
	Generic	30%			2054	* *	1-2	\$1,000	

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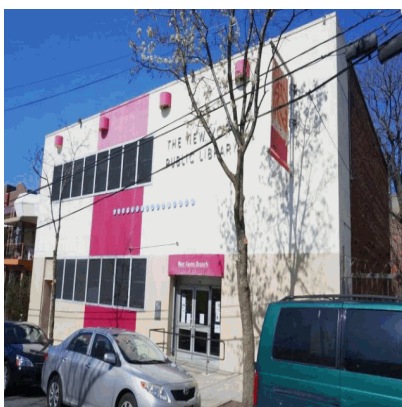
Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : WEST FARMS BRANCH LIBRARY
Address : 2085 HONEYWELL AVE. NEAR E. 180 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 : 14-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3123 **Lot** : 61 **BIN** : 2013151

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$106,600	
Electrical	\$110,700	
Mechanical		\$536,200
Total	\$217,300	\$536,200
Importance Code A	\$106,600	
Importance Code B	\$110,700	\$536,200
Total	\$217,300	\$536,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$26,200			
Interior Architecture	\$42,400	\$8,400	\$500	
Electrical	\$8,200	\$1,700	\$1,300	\$11,400
Mechanical	\$6,600	\$3,300	\$6,700	\$9,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$87,400	\$17,300	\$12,400	\$24,700
Importance Code A	\$27,000	\$800	\$800	\$800
Importance Code B	\$58,500	\$16,500	\$11,700	\$23,900
Importance Code C	\$2,000			
Total	\$87,400	\$17,300	\$12,400	\$24,700



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NEW YORK PUBLIC LIBRARY - 035
WEST FARMS BRANCH LIBRARY
Asset # : 13378

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Concrete Masonry Unit	5%			LIFE	**	5	\$1,100	
	Masonry: Brick	75%	2-4	\$39,200	LIFE	**	5	\$25,600	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
	Worn/Eroded, Extent : Moderate, Area Affected : 20%								
	Location : Rear Facade								
	Pre-Cast Concrete	20%	0-2	\$22,900	LIFE	**	5	\$22,200	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
	Location : Various Locations								
	Other Observation, Extent : Light, Area Affected : 50%								
	Location : All Facades								
	Explanation : Paint Peeling								
Windows									
	Aluminum	100%			2049	**	5	\$6,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Protective Metal Grilles								
Parapets									
	Masonry: Brick	80%			LIFE	**	5	\$2,700	
	Pre-Cast Concrete	15%			LIFE	**	5	\$3,200	
	Pre-Cast Concrete	5%	2-4	\$300	LIFE	**	5	\$1,100	
	Caulking Deteriorated, Extent : Light, Area Affected : 15%								
	Location : Coping Stone								
Roof									
	Built-Up (BUR)	100%	Now	\$67,400	2037	**			
	Alligatoring, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Blisters, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
	Ridging, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Split/Cracked, Extent : Moderate, Area Affected : 15%								
	Location : Various Locations								
Interior									
Floors									
	Carpet	65%			2026	\$217,200	3	\$25,200	
	Cast in Place Concrete	15%	Now	\$8,200	LIFE	**	5	\$8,500	
	Water Penetration, Extent : Moderate, Area Affected : 15%								
	Location : Various Rooms - From Ground Water								
	Terrazzo	5%	4+	\$12,200	LIFE	**	5	\$1,000	
	Worn/Eroded, Extent : Moderate, Area Affected : 15%								
	Location : Maintenance Corridor And 1st Floor								
	Vinyl Tile	15%			2027	\$33,400	3	\$1,500	

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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
WEST FARMS BRANCH LIBRARY
Asset # : 13378

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

Gypsum Board	80%			LIFE		**	5	\$1,900	
Plaster	20%	Now		\$2,000	LIFE		**	5	\$200

Water Penetration, Extent : Severe, Area Affected : 15%

Location : Basement Walls Along Lot Line (North Facade) And Boiler Room

Worn/Eroded, Extent : Moderate, Area Affected : 15%

Location : Various Locations In Basement

Ceilings

AcousTile,Adhered	30%	Now		\$3,200	2032		**	5	\$3,400
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Broken/Missing Elements, Extent : Moderate, Area Affected : 15%

Location : 2nd Floor

AcousTileSusp.Lay-In	45%	0-2		\$16,800	2032		**	5	\$5,100
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Cracking/Crumbling, Extent : Moderate, Area Affected : 15%

Location : Throughout

Misaligned/Bulging, Extent : Moderate, Area Affected : 25%

Location : 1st Floor And Basement

Gypsum Board	25%				LIFE		**	5	\$7,100
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Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Service Equipment

Fused Disc Sw	100%				2037		**	5	\$100
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Main Service Disconnect Switch Rated @ 600 Amperes.

Switchgear / Switchboard

Fused Disc Sw	100%				2037		**	5	\$100
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Raceway

Conduit	50%				2037		**	1	
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Conduit	50%				2027	\$15,900		1	
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Panelboards

Molded Case Bkrs	70%				2035		**	5	\$300
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Molded Case Bkrs	30%				2026	\$4,500		5	\$100
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Wiring

Braided Cloth	25%	2-4		\$7,000	2052		**	1	
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Insulation Aged, Extent : Moderate, Area Affected : 100%

Location : Throughout

Thermoplastic	75%				2037		**	1	
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Motor Controllers

Locally Mounted	100%				2032		**	5	\$100
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Ground

Grounding Devices

Generic	100%				LIFE		**	5	\$200
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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.

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NEW YORK PUBLIC LIBRARY - 035
WEST FARMS BRANCH LIBRARY
Asset # : 13378

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	70%			2022	\$110,700	10	\$10,000	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	10%			2035	* *	10	\$1,400	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Reading Areas</i>								
Fluorescent	20%			2035	* *	10	\$2,900	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	\$1,900	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	20%			2027	\$11,900	10		
No Component	80%							
Alarm								
Security System								
No Component	40%							
Generic	60%			2035	* *	1	\$3,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Reading Areas And Outside</i>								
<i>Explanation : CCTV Surveillance Camera System</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	\$9,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2037	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2032	* *	1	\$7,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$1,200	2035	* *	4	\$800	
<i>Corroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Boiler Room</i>								
<i>Not in Service, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Temperature Control System</i>								

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

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

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

NEW YORK PUBLIC LIBRARY - 035
WEST FARMS BRANCH LIBRARY
Asset # : 13378

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Air Handler	60%			2027	\$124,800	1	\$5,800	
	Convactor/Radiator	40%			2032	**	1	\$2,000	
Air Conditioning									
	Energy Source								
	Electricity	100%			2035	**	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	100%			2027	\$125,600	1	\$7,200	
	R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : 5 Units. Backyard								
	Terminal Devices								
	Air Handler/Cool/Ht	100%			2027	\$165,900	1	\$9,600	
	Heat Rejection								
	Dry Cooler	100%			2027	\$80,400	2	\$10,900	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,700	
	Exhaust Fans								
	Interior	75%			2027	\$39,500	2	\$400	
	Roof	25%			2022	\$6,100	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2037	**	1		
	Water Heater								
	Electric	100%			2025	\$13,000	4	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
	Other Observation, Extent : 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.

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : WEST NEW BRIGHTON BRANCH LIBRARY
Address : 976 CASTLETON AVE. @NORTH BURGHER AVE.
Borough : STATEN ISLAND **Agency's Number** : W05
Program / Asset # : NPL0W05.000 / 13379 **Yr Built/Renovated** : 1932 /
Area Sq Ft : 6,645 **Project Type** : NEW YORK PUBLIC LIBRARY
Date of Survey : 09-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 178 **Lot** : 115 **BIN** : 5004936

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical	\$52,300	
Total	\$52,300	
Importance Code B	\$52,300	
Total	\$52,300	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$13,800	\$2,000		
Interior Architecture	\$1,200	\$3,700		
Electrical	\$7,200	\$500	\$600	\$64,800
Mechanical	\$1,500	\$2,100	\$1,700	\$36,400
Site Enclosure	\$1,400			
Site Pavements	\$900			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$30,000	\$12,300	\$6,200	\$105,200
Importance Code A	\$14,100	\$2,300	\$300	\$300
Importance Code B	\$12,400	\$10,000	\$5,900	\$104,800
Importance Code C	\$3,500			
Total	\$30,000	\$12,300	\$6,200	\$105,200



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 - 035
WEST NEW BRIGHTON BRANCH LIBRARY
Asset # : 13379

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls	Masonry: Brick	95%	4+	\$13,800	LIFE	* *	5	\$22,600	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
	Masonry: Limestone	5%			LIFE	* *	5	\$900	
Windows									
	Aluminum	100%			2043	* *	5	\$2,200	
Parapets									
	Masonry: Limestone	25%			LIFE	* *	5		
	No Component	75%							
Roof									
	Asphalt Shingle	85%			2040	* *	10	\$2,000	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Modified Bitumen	15%			2035	* *	10	\$2,100	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Along Edge Of Roof							
Interior									
Floors									
	Carpet	45%			2026	\$52,000	3	\$6,000	
	Cast in Place Concrete	5%			LIFE	* *	5	\$1,000	
	Vinyl Tile	50%			2032	* *	3	\$1,700	
Interior Walls									
	Plaster	70%	Now	\$1,200	LIFE	* *	5	\$2,200	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 1%							
		Location : Basement							
		Water Penetration, Extent : Moderate, Area Affected : 1%							
		Location : Basement							
	Wood	30%			LIFE	* *	5	\$12,400	
Ceilings									
	AcousTileSusp.Lay-In	25%			2040	* *	5	\$2,300	
	Plaster	75%			LIFE	* *	5	\$4,300	
Site Enclosure									
	Fence/Gates								
	Chain link	100%	Now	\$1,400	2037	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Adjacent To Driveway							
Retaining Walls									
	Cast in Place Concrete	100%			2047	* *			
Site Pavements									
	On-Site Walkways								
	Cast in Place Concrete	100%	4+	\$900	2032	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 10%							
		Location : Rear Of Building By Cellar 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.

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

NEW YORK PUBLIC LIBRARY - 035
WEST NEW BRIGHTON BRANCH LIBRARY
Asset # : 13379

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	100%			2027	\$1,500	5		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 600 Amperes Main Disconnect Switch									
Raceway									
	Conduit	90%			2027	\$28,600	1		
	Conduit	10%			2037	* *	1		
Panelboards									
	Molded Case Bkrs	50%			2026	\$7,600	5	\$100	
	Molded Case Bkrs	50%			2043	* *	5	\$100	
Wiring									
	Braided Cloth	10%	2-4	\$2,800	2052	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Thermoplastic	10%			2037	* *	1		
	Thermoplastic	80%			2027	\$22,500	1		
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$100	
Lighting									
Interior Lighting									
	Fluorescent	10%			2027	\$6,700	10	\$600	
	Fluorescent	40%			2022	\$27,000	10	\$2,400	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Using T8 And T12 Lamps									
	HID	5%			2022	\$2,300	10		
	Incandescent	45%			2022	\$30,300	2	\$100	
Egress Lighting									
	Emergency, Service	50%			2022	\$1,700	1		
	Exit, Service	50%			2022	\$500	1		
Exterior Lighting									
	HID	50%			2032	* *	10		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Front Walkway									
Explanation : Pole Mounted Hid Lights									
	HID	50%	Now	\$3,800	2037	* *			
Damaged Fixtures, Extent : Severe, Area Affected : 100%									
Location : Facade									
Alarm									
Security System									
	Generic	100%			2032	* *	1	\$2,500	
Fire/Smoke Detection									
	No Component	25%							
	Generic, Digital	75%			2022	\$52,300	1-3	\$3,200	

*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 - 035
WEST NEW BRIGHTON BRANCH LIBRARY
Asset # : 13379

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2047	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2032	**	1	\$3,300	
Distribution								
Hot Wtr Piping/Pump	100%			2043	**	4	\$500	
Terminal Devices								
Air Handler	20%			2032	**	1	\$800	
Fan Coil Unit/Heat	80%			2032	**	1	\$1,700	
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2032	**	1	\$3,100	
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2047	**	4	\$500	
Terminal Devices								
Air Handler/Cool/Ht	20%			2032	**	1	\$800	
Fan Coil - 4 Pipe	80%			2032	**	1	\$1,700	
Heat Rejection								
Dry Cooler	100%			2022	\$34,300	2	\$4,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,700	
Exhaust Fans								
Interior	100%			2032	**	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2047	**	1		
Galvanized Steel	50%			2032	**	1		
Water Heater								
Gas Fired	100%			2025	\$3,800	2	\$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 30 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
Vertical Transport								

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

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

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

NEW YORK PUBLIC LIBRARY - 035
WEST NEW BRIGHTON BRANCH LIBRARY
Asset # : 13379

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

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

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : WESTCHESTER SQUARE BRANCH LIBRARY
Address : 2521 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 : 05-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3986 **Lot** : 34 **BIN** : 2041911

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$183,400	\$53,500
Interior Architecture	\$40,500	\$135,000
Electrical	\$168,700	
Total	\$392,600	\$188,400
Importance Code A	\$183,400	\$53,500
Importance Code B	\$209,200	\$135,000
Total	\$392,600	\$188,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$48,400			
Interior Architecture	\$8,000			\$2,000
Electrical	\$14,100	\$100	\$300	\$35,700
Mechanical	\$3,400	\$1,500	\$4,100	\$1,500
Total	\$74,000	\$1,600	\$4,400	\$39,100
Importance Code A	\$49,000	\$600	\$600	\$800
Importance Code B	\$25,000	\$1,000	\$3,700	\$38,300
Importance Code C				
Total	\$74,000	\$1,600	\$4,400	\$39,100



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 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
WESTCHESTER SQUARE BRANCH LIBRARY
Asset # : 13380

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	**	5	\$3,200	
Masonry: Brick	87%	2-4	\$56,300	LIFE	**	5	\$18,400	
Spalling, Extent : Light, Area Affected : 15%								
Location : Various Locations, All Facades								
Vertical Cracks, Extent : Light, Area Affected : 15%								
Location : Throughout								
Masonry: Limestone	5%	Now	\$5,900	LIFE	**	5	\$800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : At Window Openings								
Granite Panels	5%	Now	\$11,400	LIFE	**	5	\$800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : At Main Entrance								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Windows								
Aluminum	100%	Now	\$127,100	2052	**	5	\$1,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 45%								
Location : Throughout								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 45%								
Location : Throughout								
Parapets								
Masonry: Brick	45%			LIFE	**	5	\$1,400	
Masonry: Brick	50%	Now	\$18,800	LIFE	**	5	\$1,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Masonry: Limestone	5%	Now	\$1,700	LIFE	**	5	\$200	
Caulking Deteriorated, Extent : Light, Area Affected : 15%								
Location : Coping Stones								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Coping Stones								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
WESTCHESTER SQUARE BRANCH LIBRARY
Asset # : 13380

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

Exterior

Roof

Built-Up (BUR)

100%	Now	\$10,700	2027	\$53,500			
<i>Alligatoring, Extent : Moderate, Area Affected : 15%</i>							
<i>Location : At Roof Penetrations</i>							
<i>Blisters, Extent : Light, Area Affected : 20%</i>							
<i>Location : Throughout</i>							
<i>Ponding, Extent : Light, Area Affected : 10%</i>							
<i>Location : Center Of Roof</i>							
<i>Water Penetration, Extent : Light, Area Affected : 15%</i>							
<i>Location : Center Of Roof</i>							

Interior

Floors

Cast in Place Concrete	5%		LIFE	**	5	\$2,000	
Terrazzo	10%		LIFE	**	5	\$1,400	
Vinyl Tile	85%	Now	\$40,500	2027	\$135,000	3	\$5,900
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 40%</i>							
<i>Location : Throughout</i>							
<i>Uneven Substrate, Extent : Light, Area Affected : 20%</i>							
<i>Location : Throughout Basement And 1st Floor</i>							

Interior Walls

Glazed Ceramic Panel	5%		LIFE	**			
Plaster	72%		LIFE	**	5	\$3,300	
SGFT/Glazed Masonry	20%		LIFE	**			
Wood	3%		LIFE	**	5	\$1,800	

Ceilings

AcousTileConcealSpLn	45%	Now	\$6,800	2040	**	5	\$5,200
<i>Misaligned/Bulging, Extent : Light, Area Affected : 20%</i>							
<i>Location : Various Locations Throughout</i>							
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>							
<i>Location : 2nd Floor At Roof Penetrations</i>							
Metal Panel	45%		LIFE	**	5	\$10,400	
Plaster	10%	Now	\$1,200	LIFE	**	5	\$1,200
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>							
<i>Location : Bulkhead</i>							

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

Under 600 Volts

Service Equipment

Molded Case Bkrs

100%		2027	\$1,500	5	\$300		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
<i>Location : Electrical Room</i>							
<i>Explanation : One 350 Amperes And 225 Amperes Main Disconnect Switch</i>							

Raceway

Conduit

100%		2027	\$31,800	1			
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Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
WESTCHESTER SQUARE BRANCH LIBRARY
Asset # : 13380

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2026	\$800	5		
Molded Case Bkrs	95%			2026	\$14,400	5	\$300	
Wiring								
Braided Cloth	50%	2-4	\$14,100	2052	* *	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	50%			2027	\$14,100	1		
Motor Controllers								
Locally Mounted	100%			2025	\$30,600	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	90%			2022	\$118,900	10	\$10,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T12 Lamps</i>								
Incandescent	10%			2022	\$13,200	2		
Egress Lighting								
Emergency, Battery	50%			2022	\$8,900	10	\$1,600	
Exit, Service	50%			2022	\$900	1		
Exterior Lighting								
HID	100%			2022	\$49,800	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	\$1,000	

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2047	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2032	* *	1	\$6,400	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit. Hot Water For Heat Is Supplied By Adjacent Health Center.</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	\$1,000	
Terminal Devices								
Air Handler	50%			2032	* *	1	\$4,000	
Convactor/Radiator	50%			2040	* *	1	\$2,100	

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

Estimates are rounded to the nearest hundred dollars.

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

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

NEW YORK PUBLIC LIBRARY - 035
WESTCHESTER SQUARE BRANCH LIBRARY
Asset # : 13380

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	* *	1		
Conversion Equipment									
	Exterior Pkg Unit - Cooling	100%			2032	* *	2	\$800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : 1 Unit, Refrigerant 410a.							
Heat Rejection									
	Air Cooled Condenser Unit	100%			2027	\$24,900	2	\$9,100	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,300	
Exhaust Fans									
	Roof	100%			2032	* *	2	\$400	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2040	* *	1		
Water Heater									
	Gas Fired	100%			2025	\$7,500	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 years is not included in this report.*

Print Date : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

Asset Name : WOODSTOCK BRANCH LIBRARY
Address : 761 EAST 160TH ST. NEAR FOREST 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 : 05-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Floors 1
Block : 2657 **Lot** : 30 **BIN** : 2004700

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$928,100	\$36,000
Interior Architecture	\$227,500	
Electrical	\$197,300	
Mechanical	\$44,100	\$377,200
Total	\$1,397,000	\$413,200
Importance Code A	\$928,100	\$36,000
Importance Code B	\$397,500	\$377,200
Importance Code C	\$71,400	
Total	\$1,397,000	\$413,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$57,300	\$9,900		
Interior Architecture	\$125,600		\$1,800	\$5,100
Electrical	\$26,700	\$100	\$200	\$30,000
Mechanical	\$7,900	\$4,500	\$3,700	\$11,900
Total	\$217,400	\$14,400	\$5,700	\$47,100
Importance Code A	\$58,100	\$10,700	\$800	\$1,000
Importance Code B	\$159,400	\$3,800	\$3,700	\$46,000
Importance Code C			\$1,200	
Total	\$217,400	\$14,400	\$5,700	\$47,100



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
WOODSTOCK BRANCH LIBRARY
Asset # : 13381

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	65%	Now	\$550,900	LIFE	**	5	\$36,000	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : East Facade,West Facade							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%							
		Location : East Facade,West Facade							
		Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%							
		Location : Custodian Apartment Windows							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : North Facade							
		Worn/Eroded, Extent : Moderate, Area Affected : 30%							
		Location : East Facade,West Facade							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Building Entire							
		Explanation : Under Construction - Slated For Completion 2017. Report To Follow Is A Carryover From 2008							
	Masonry: Granite	5%			LIFE	**	5	\$2,100	
	Masonry: Limestone	30%	Now	\$184,200	LIFE	**	5	\$12,500	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
		Location : South Facade							
		Staining/Discoloring, Extent : Moderate, Area Affected : 10%							
		Location : South Facade							
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : South Facade							
		Explanation : Sidewalk Shed In Use							
Windows									
	Aluminum	15%	Now	\$25,100	2052	**	5	\$300	
		Deteriorated Finish, Extent : Moderate, Area Affected : 65%							
		Location : Vacant Custodian Apartment							
		Water Penetration, Extent : Moderate, Area Affected : 15%							
		Location : Vacant Custodian Apartment							
	Aluminum	30%	Now	\$5,000	2043	**	5	\$600	
		Caulking Deteriorated, Extent : Moderate, Area Affected : 25%							
		Location : North Wall							
		Water Penetration, Extent : Moderate, Area Affected : 15%							
		Location : North Wall							
	Steel	5%	Now	\$10,400	2052	**	5	\$1,200	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : Stairs							
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Stairs							
		Thermally Inefficient, Extent : Moderate, Area Affected : 50%							
		Location : Stairs							
	Wood	50%			2035	**	5	\$19,700	

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

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
WOODSTOCK BRANCH LIBRARY
Asset # : 13381

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	75%	Now	\$110,900	LIFE	* *	5	\$1,900	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
	Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
	Location : East Facade, West Façade							
	Worn/Eroded, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : East Facade, West Façade							
	Explanation : Protection Fabric Has Been Installed							
Masonry: Limestone	20%	Now	\$5,400	LIFE	* *	5	\$600	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
	Location : Coping And South Facade							
	Caulking Deteriorated, Extent : Moderate, Area Affected : 25%							
	Location : Coping							
Masonry: Sandstone	5%	Now	\$11,300	LIFE	* *	5	\$200	
	Cracking/Crumbling, Extent : Severe, Area Affected : 25%							
	Location : Coping At East, West And North Parapets							
	Worn/Eroded, Extent : Severe, Area Affected : 50%							
	Location : Coping At East, West And North Parapets							
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Coping At North Parapets							
	Explanation : This Material Is Actually Bluestone							
Roof								
Modified Bitumen	100%	Now	\$82,100	2037	* *			
	Blisters, Extent : Moderate, Area Affected : 25%							
	Location : Over Third And First Floors							
	Water Penetration, Extent : Moderate, Area Affected : 25%							
	Location : Over Third And First Floors							
	Worn/Eroded, Extent : Moderate, Area Affected : 25%							
	Location : Over Third And First Floors							

Interior

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

NEW YORK PUBLIC LIBRARY - 035
WOODSTOCK BRANCH LIBRARY
Asset # : 13381

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Interior	Floors							
	Carpet	30%	2-4	\$96,600	2029	* *	3	\$11,200
		<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%</i>						
		<i>Location : First Floor</i>						
		<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : First Floor</i>						
		<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : First Floor</i>						
	Cast in Place Concrete	10%			LIFE	* *	5	\$5,400
	Ceramic Tile	5%			2036	* *	5	\$1,200
	Vinyl Tile	45%	Now	\$96,500	2037	* *	3	\$4,200
		<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Basement, Second And Third Floors</i>						
		<i>Loose Units, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Basement, Second And Third Floors</i>						
		<i>Worn/Eroded, Extent : Moderate, Area Affected : 75%</i>						
		<i>Location : Basement, Second And Third Floors</i>						
	Wood	10%	Now	\$25,000	2055	* *	5	\$2,300
		<i>Deteriorated Finish, Extent : Severe, Area Affected : 25%</i>						
		<i>Location : Third Floor At Custodian Apartment</i>						
		<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Third Floor At Custodian Apartment</i>						
Interior Walls								
	Ceramic Tile	5%			2036	* *	5	\$2,400
	Concrete Masonry Unit	5%			LIFE	* *	5	\$1,000
	Plaster	90%	Now	\$71,400	LIFE	* *	5	\$13,200
		<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>						
		<i>Location : First And Third Floors At Custodian Apartment</i>						
		<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Second And Third Floors</i>						
		<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Second And Third Floors</i>						
		<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : First And Third Floors</i>						

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

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

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

NEW YORK PUBLIC LIBRARY - 035
WOODSTOCK BRANCH LIBRARY
Asset # : 13381

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

Ceilings

Exposed Concrete 10% Now \$4,100 LIFE * * 5 \$400

Paint Peeling, Extent : Moderate, Area Affected : 25%

Location : Basement

Staining/Discoloring, Extent : Moderate, Area Affected : 10%

Location : Basement

Plaster 90% Now \$59,600 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 Floors

Paint Peeling, Extent : Severe, Area Affected : 50%

Location : Second And Third Floors

Staining/Discoloring, Extent : Severe, Area Affected : 50%

Location : Second And Third Floors

Water Penetration, Extent : Moderate, Area Affected : 20%

Location : First And Third Floors

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

Under 600 Volts

Service Equipment

Molded Case Bkrs 100% 2027 \$1,500 5 \$400

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

Location : Electrical Room

Explanation : One 400 Amperes Main Disconnect Switch

Switchgear / Switchboard

Molded Case Bkrs 100% 2027 \$32,700 5 \$400

Raceway

Conduit 100% 2027 \$31,800 1

Panelboards

Fused Disc Sw 5% 2026 \$800 5

Molded Case Bkrs 95% 2026 \$14,400 5 \$400

Wiring

Braided Cloth 95% 2-4 \$26,700 2052 * * 1

Insulation Aged, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Thermoplastic 5% 2047 * * 1

Motor Controllers

Locally Mounted 100% 2025 \$30,600 5 \$100

Ground

Grounding Devices

Generic 100% LIFE * * 5 \$200

Lighting

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

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

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

NEW YORK PUBLIC LIBRARY - 035
WOODSTOCK BRANCH LIBRARY
Asset # : 13381

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

Lighting

Interior Lighting

Fluorescent

80%

2022

\$134,100

10

\$12,100

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : T12 Lamps*

Fluorescent

20%

2035

* *

10

\$3,000

*T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building*

Egress Lighting

Emergency, Service

50%

2022

\$4,100

1

Emergency, Battery

50%

2022

\$11,300

10

\$2,000

Exterior Lighting

HID

100%

2022

\$63,200

10

\$100

Mechanical		Current Repair			Future Replacement		Maintenance		
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%

2047

* *

1

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout**Explanation : No Access To Survey. Under Construction. Kept The Same Information From Last Survey.*

Conversion Equipment

Hot Water Boiler

100%

2040

* *

1

\$8,200

Distribution

Hot Wtr Piping/Pump

100%

2035

* *

4

\$1,200

Terminal Devices

Air Handler

20%

2022

\$44,100

1

\$2,000

Convactor/Radiator

80%

2032

* *

1

\$4,300

Air Conditioning

Energy Source

Electricity

100%

2043

* *

1

Conversion Equipment

Reciprocating

100%

2027

\$133,100

1

\$7,700

Compr/Chiller

Terminal Devices

Air Handler/Dir

100%

2027

\$175,300

1

Expansion

Heat Rejection

Dry Cooler

100%

2032

* *

2

\$11,500

Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

* *

2-5

\$9,200

*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 - 035
WOODSTOCK BRANCH LIBRARY
Asset # : 13381

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
	Exhaust Fans								
	Roof	100%	Now	\$5,200	2027	\$26,000	2	\$400	
		Broken, Extent : Severe, Area Affected : 20%							
		Location : Both Roof Fans - Replace Motors, Belts And Enclosure Covers							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2025	\$68,800	1		
		Corroded, Extent : Severe, Area Affected : 5%							
		Location : Cold Water Service Valves, Strainer And Check Valve Are Corroded							
	Water Heater								
	Gas Fired	100%			2025	\$9,600	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2022	\$2,400	4	\$400	
	Sewage Ejector(s)								
	Electric	100%			2022	\$4,500	4	\$700	
	Backflow Preventer								
	No Component	90%							
	Generic	10%			2032	* *	1	\$100	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Basement							
		Explanation : Boiler Only							
	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 : 21-Sep-2017

NEW YORK PUBLIC LIBRARY - FY 2018

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 : 23-May-2017 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 1433 **Lot** : 37 **BIN** : 1044180

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$443,300	
Interior Architecture	\$250,700	\$27,700
Electrical		\$166,300
Mechanical	\$100,900	\$207,900
Total	\$794,900	\$402,000
Importance Code A	\$443,300	
Importance Code B	\$279,400	\$402,000
Importance Code C	\$72,200	
Total	\$794,900	\$402,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$12,000		\$9,500	
Interior Architecture	\$53,700		\$4,400	\$900
Electrical	\$32,800	\$200	\$200	\$300
Mechanical	\$5,700	\$2,200	\$3,900	\$1,900
Site Enclosure	\$5,000			
Site Pavements	\$3,300			
Total	\$112,500	\$2,400	\$18,000	\$3,000
Importance Code A	\$12,700	\$600	\$10,200	\$600
Importance Code B	\$76,800	\$1,800	\$7,800	\$2,400
Importance Code C	\$23,000			
Total	\$112,500	\$2,400	\$18,000	\$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.

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

NEW YORK PUBLIC LIBRARY - 035
YORKVILLE BRANCH LIBRARY
Asset # : 13382

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	68%	Now	\$179,100	LIFE	* *	5	\$26,800	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : West And South Facades							
		Spalling, Extent : Moderate, Area Affected : 15%							
		Location : 3rd And 4th Stories							
		Vegetation Growth, Extent : Moderate, Area Affected : 20%							
		Location : South (Rear) Façade							
	Masonry: Limestone	25%	0-2	\$132,300	LIFE	* *	5	\$7,400	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Street Façade							
	Slate Panels	2%			LIFE	* *	5	\$1,200	
	Stucco Cement	5%			2033	* *	5	\$4,900	
Windows									
	Metal Louvers	3%			2031	* *	10	\$900	
	Steel	20%	0-2	\$54,100	2053	* *	5	\$5,900	
		Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
		Location : East And West Lot Line Facades							
		Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
		Location : East And West Lot Line Facades							
	Wood	40%	0-2	\$77,900	2053	* *	5	\$9,400	
		Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
		Location : Throughout 3rd And 4th Floors							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Throughout 3rd And 4th Floors							
		Worn/Eroded, Extent : Moderate, Area Affected : 25%							
		Location : Throughout 3rd And 4th Floors							
	Wood	37%			2036	* *	5	\$17,300	
Parapets									
	Masonry: Brick	85%	0-2	\$9,100	LIFE	* *	5	\$1,400	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Lower Roof At 2nd Floor							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
		Location : Lower Roof At 2nd Floor							
		Spalling, Extent : Moderate, Area Affected : 10%							
		Location : Lower Roof							
	Masonry: Limestone	10%			LIFE	* *	5-10	\$2,000	
	Pre-Cast Concrete	5%			LIFE	* *	5	\$1,100	
Roof									
	Modified Bitumen	100%			2033	* *	10	\$9,100	

Interior

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NEW YORK PUBLIC LIBRARY - 035
YORKVILLE BRANCH LIBRARY
Asset # : 13382

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									
Floors									
Carpet	40%			2027	\$110,800	3	\$11,800		
Cast in Place Concrete	5%	0-2	\$600	LIFE	**	5	\$2,100		
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Ceramic Tile	5%			2031	**	5	\$1,000		
Vinyl Tile	15%			2028	\$27,700	3	\$1,500		
Vinyl Tile	10%	Now	\$18,400	2038	**	3	\$700		
Cracking/Crumbling, Extent : Severe, Area Affected : 50%									
Location : 3rd Floor									
Loose Units, Extent : Severe, Area Affected : 50%									
Location : Third Floor									
Vinyl Tile 9" X 9"	10%			2023	\$23,900	3	\$1,000		
Wood	15%	Now	\$107,300	2068	**	5	\$2,800		
Dry Rot/Decay, Extent : Moderate, Area Affected : 50%									
Location : 3rd Floor									
Interior Walls									
Glass: Single Pane	3%			LIFE	**	5	\$1,700		
Gypsum Board	20%			LIFE	**	5-10	\$12,600		
Plaster	55%			LIFE	**	5-10	\$17,300		
Plaster	22%	Now	\$72,200	LIFE	**	5	\$2,400		
Broken/Missing Elements, Extent : Severe, Area Affected : 60%									
Location : 3rd And 4th Floors									
Cracking/Crumbling, Extent : Moderate, Area Affected : 60%									
Location : 3rd And 4th Floors									
Water Penetration, Extent : Severe, Area Affected : 25%									
Location : 3rd and 4th Floors									
Ceilings									
AcousTileConcealSpLn	10%			2033	**	5	\$2,500		
Exposed Concrete	5%			LIFE	**	5-10	\$1,200		
Plaster	60%			LIFE	**	5-10	\$20,200		
Plaster	25%	Now	\$71,200	LIFE	**	5	\$3,100		
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									
Water Penetration, Extent : Moderate, Area Affected : 30%									
Location : 3rd And 4th Floors									
Site Enclosure									
Fence/Gates									
Iron Picket	100%	Now	\$1,000	2048	**				
Corrosion/Rusting, Extent : Severe, Area Affected : 25%									
Location : Base Of Fence At Front Areaway Stairs Leading To Basement									
Impact Damage, Extent : Moderate, Area Affected : 20%									
Location : At Front Areaway									
Free Standing Walls									
Masonry: Brick	100%			2038	**				

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NEW YORK PUBLIC LIBRARY - 035
YORKVILLE BRANCH LIBRARY
Asset # : 13382

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

Site Enclosure

Retaining Walls

Masonry: Brick

100% Now \$3,900 2038 * *

*Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%**Location : Front Areaway**Spalling, Extent : Moderate, Area Affected : 20%**Location : Front Areaway**Water Penetration, Extent : Severe, Area Affected : 15%**Location : Vaulted Archway Supporting Main Entry Landing*

Site Pavements

Public Sidewalk

Cast in Place Concrete

100% 0-2 \$1,500 2041 * *

*Cracking/Crumbling, Extent : Moderate, Area Affected : 15%**Location : Sidewalk Flags At Main Entrance*

On-Site Walkways

Masonry: Granite

100% Now \$1,800 LIFE * *

*Cracking/Crumbling, Extent : Severe, Area Affected : 20%**Location : Main Entry Landing*

Activity Yard

Cast in Place Concrete

100% 2033 * *

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100% 2028 \$1,600 5 \$100

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : No Available Nameplate Rating Capacity*

Switchgear / Switchboard

Molded Case Bkrs

100% 2028 \$35,700 5 \$300

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : 1- Vertical Section*

Raceway

Conduit

70% 2028 \$24,300 1

Conduit

30% 2038 * * 1

Panelboards

Fused Disc Sw

5% 2027 \$800 5

Molded Case Bkrs

65% 2027 \$10,700 5 \$200

Molded Case Bkrs

30% 2036 * * 5 \$100

Wiring

Braided Cloth

70% 2-4 \$21,500 2053 * * 1

*Insulation Aged, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building*

Thermoplastic

30% 2038 * * 1

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YORKVILLE BRANCH LIBRARY
Asset # : 13382

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Motor Controllers								
	Locally Mounted	100%			2045	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%	2-4	\$10,500	LIFE	* *	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Water Main							
		Explanation : Corroded							
Lighting									
	Interior Lighting								
	Fluorescent	75%			2028	\$108,800	10	\$9,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : 1st, 2nd Floors Reading Area							
		Explanation : T-5 Lamps							
	Fluorescent	5%			2023	\$7,300	10	\$600	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Fluorescent	5%			2036	* *	10	\$600	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
	Fluorescent	10%			2028	\$14,500	10	\$1,200	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Incandescent	5%			2023	\$7,300	2		
Egress Lighting									
	Emergency, Battery	50%			2028	\$9,800	10	\$1,600	
	Exit, Service	50%			2028	\$1,000	1		
Exterior Lighting									
	Fluorescent	5%			2023	\$2,300	10	\$100	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Front Of The Building							
	Incandescent	5%			2023	\$2,300	2		
	No Component	90%							
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2028	\$13,200	1	\$1,500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Hallways							
		Explanation : Intrusion Alarm Only; Motion Sensors							

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

Heating

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YORKVILLE BRANCH LIBRARY
Asset # : 13382

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2038	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2045	* *	1	\$6,500	
Distribution								
Hot Wtr Piping/Pump	100%			2036	* *	4	\$1,000	
Terminal Devices								
Air Handler	30%			2023	\$57,300	1	\$2,400	
Convactor/Radiator	70%			2033	* *	1	\$3,000	
Air Conditioning								
Energy Source								
Electricity	100%			2036	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	15%			2022	\$43,300	2	\$100	
			R-22 Refrigerant, Extent : Light, Area Affected : 15% Location : 1 Unit, Basement					
Reciprocating Compr/Chiller	50%	0-2	\$57,600	2038	* *	1	\$2,700	
			Not Energy Efficient, Extent : Moderate, Area Affected : 50% Location : 1st And 2nd Floor Obsolete Equipment, Extent : Severe, Area Affected : 50% Location : 3rd Floor R-22 Refrigerant, Extent : Light, Area Affected : 50% Location : 2 Units, 3rd Floor					
No Component	35%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2023	\$49,500	1	\$4,100	
No Component	50%							
Heat Rejection								
Air Cooled Condenser Unit	65%			2023	\$11,600	2	\$5,900	
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	65%			LIFE	* *	2-5	\$7,500	
No Component	35%							
Exhaust Fans								
Interior	15%			2023	\$7,200	2	\$100	
Roof	50%			2023	\$11,300	2	\$200	
No Component	35%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2028	\$101,200	1		
Water Heater								
Gas Fired	100%			2027	\$8,300	2	\$200	

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Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	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		
	Fixtures								
	Generic	100%							

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