Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : ARVERNE BRANCH LIBRARY

Address : 312 BEACH 54 STREET

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 5,000 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 03-May-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 15890 Lot : 18 BIN : 4301922

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Electrical	\$51,800	
Total	\$51,800	
Importance Code B	\$51,800	
Total	\$51,800	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture			\$6,100	\$900
Interior Architecture	\$3,000	\$400		\$2,700
Electrical	\$600	\$500	\$10,500	\$600
Mechanical	\$300	\$300	\$2,700	\$300
Total	\$3,900	\$1,300	\$19,300	\$4,500
Importance Code A	\$200	\$200	\$6,400	\$1,200
Importance Code B	\$3,300	\$1,000	\$12,900	\$3,400
Importance Code C	\$300			
Total	\$3,900	\$1,300	\$19,300	\$4,500



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

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

QUEENS PUBLIC LIBRARY - 039 ARVERNE BRANCH LIBRARY

Asset #: 14216

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Masonry: Brick	100%		LIFE	* *	5	\$17,500	
Windows							
Aluminum	100%		2043	* *	5	\$1,900	
Parapets							
Masonry: Brick	80%		LIFE	* *	5	\$1,400	
Metal Panel	20%		2047	* *	5	\$1,300	
Roof							
Single Ply Membrane	100%		2032	* *	10	\$5,400	
Interior							
Floors							
Carpet	60%		2026	\$64,500	3	\$9,800	
Cast in Place Concrete	5%		LIFE	* *	5	\$900	
Ceramic Tile	10%		2036	* *	5	\$800	
Vinyl Tile	25%		2032	* *	3	\$1,000	
Interior Walls							
Ceramic Tile	5%		2040	* *	5	\$700	
Glass: Single Pane	10%		LIFE	* *	5	\$1,000	
Gypsum Board	85%		LIFE	* *	5	\$6,900	
Ceilings							
AcousTileConcealSpLn	100%		2044	* *	5	\$10,200	
Site Enclosure							
Fence/Gates							
Iron Picket	100%		2062	* *			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2040	* *			

ectrical	Current Repair	Future Re	placement	М	aintenance	
stem Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2027	\$1,500	5		
	Other Observation, Extent : Mo	derate, Area Affected	: 100%			
	Location: Work Room					
	Explanation: One 400 Amper	e Main Disconnect Sw	vitch			
Raceway						
Conduit	100%	2027	\$32,500	1		
Panelboards						
Molded Case Bkrs	100%	2026	\$15,500	5	\$100	
Wiring						
Thermoplastic	100%	2027	\$28,700	1		
Motor Controllers						
Locally Mounted	100%	2025	\$15,600	5		

Ground

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

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

QUEENS PUBLIC LIBRARY - 039 ARVERNE BRANCH LIBRARY

Asset # : 14216

	Α	SSet # : 14216				
Electrical	Current Rep	oair Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	100%	2022	\$51,800	10	\$4,600	
	Compact Fluorescent Li Location : Throughout		Affected : 100%			
Egress Lighting						
Emergency, Battery	50%	2022	\$3,500	10	\$600	
Exit, Battery	50%	2022	\$1,200	10	\$200	
Exterior Lighting						
HID	100%	2027	\$19,600	10		
Alarm						
Security System						
Generic	100%	2032	* *	1	\$1,900	
Fire/Smoke Detection						
Generic, Digital	100%	2032	* *	1-3	\$3,200	
Mechanical	Current Rep	pair Futur	e Replacement	М	aintenance	
System Component	% of Fail Date E. Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Mechanical	Current Repair	Future Replacemen	: N	laintenance	
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Estimated Co FY	st Cycle (Yrs)	Estimated Cost	Priority
Heating					
Energy Source					
Natural Gas	100%	2053 *	* 1		
	Recent Installation, Extent: Liga	ht, Area Affected : 100%			
	Location : 1st Floor				
Conversion Equipment					
Furnace	100%	2035 *	* 1	\$2,500	
	Recent Replace Evident, Extent .	: Light, Area Affected : 100%			
	Location : Rooftop				
	Other Observation, Extent: Light	ht, Area Affected : 100%			
	Location : Throughout				
	Explanation : Entire Facility V	Vas Recently Renovated			
Distribution	-	·			
Ductwork/Diffusers	100%	LIFE *	* 2-5	\$2,800	
	Recent Replace Evident, Extent	: Light, Area Affected : 100%			
	Location : Throughout				
Air Conditioning					
Energy Source					
Electricity	100%	2049 *	* 1		
-	Recent Replace Evident, Extent	: Light, Area Affected : 100%			
	Location : Throughout				

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

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

QUEENS PUBLIC LIBRARY - 039 ARVERNE BRANCH LIBRARY

Asset #: 14216

Mechanical	Current Repair	Future Replacement	N	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	100% Recent Replace Evident, Extent : Ligh Location : Rooftop	2035 ** ht, Area Affected : 100%	2	\$300	
Distribution Ductwork/Diffusers	100% Recent Replace Evident, Extent : Ligh Location : Throughout	LIFE ** ht, Area Affected : 100%	2	\$6,500	
Ventilation Distribution Ductwork/Diffusers	100% Recent Replace Evident, Extent : Ligh Location : Throughout	LIFE ** ht, Area Affected : 100%	2-5	\$2,800	
Exhaust Fans Roof	100% Recent Replace Evident, Extent : Ligh Location : Rooftop	2035 ** ht, Area Affected : 100%	2	\$200	
Plumbing H/C Water Piping Brass/Copper	100% Recent Replace Evident, Extent : Ligh Location : Throughout	2053 ** ht, Area Affected : 100%	1		
Water Heater Gas Fired	100% Other Observation, Extent : Light, Ar Location : Mechanical Room Explanation : 1-40 Gallon Water Ho	-	2	\$100	
Sanitary Piping Cast Iron	100%	LIFE **	1		
Storm Drain Piping Cast Iron Fixtures	100%	LIFE **	1		
Generic Fire Suppression Sprinkler No Component Generic	95% 5% Recent Installation, Extent: Light, Ar Location: Over Book Return	2053 * * rea Affected : 100%	1-2	\$100	

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : ASTORIA BRANCH LIBRARY

Address : 14-01 ASTORIA BLVD.

Borough : QUEENS Agency's Number : A

Area Sq Ft : 7,107 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 22-Jul-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 540 Lot : 30 BIN : 4006113

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$139,100	
Electrical	\$11,100	\$62,600
Mechanical	\$146,600	\$77,500
Total	\$296,800	\$140,200
Importance Code A	\$139,100	
Importance Code B	\$157,700	\$140,200
Total	\$296,800	\$140,200

Total	\$85,800	\$1,400	\$15,200	\$101,900
Importance Code C	\$2,300			\$200
Importance Code B	\$75,500	\$1,100	\$14,800	\$101,300
Importance Code A	\$8,000	\$400	\$400	\$400
Total	\$85,800	\$1,400	\$15,200	\$101,900
Mechanical	\$29,100	\$700	\$6,600	\$700
Electrical	\$19,200	\$700	\$8,500	\$5,500
Interior Architecture	\$29,800			\$95,700
Exterior Architecture	\$7,700			
EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023



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

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

Asset #: 13274

Architecture	Current Repa	ir	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	 0/ 3-	404 400		4.4	_	442.200	
Masonry: Brick	75% Now Jnt Mortar Miss/Erod, Ex Location: East Facade Vertical Cracks, Extent: Location: West Facade				5	\$13,200	
	Water Penetration, Exten	t : Severe, Area	Affecte	d : 25%			
	Location: Foundation A	t East Facade					
Masonry: Limestone	5%		LIFE	* *	5	\$700	
Metal Panel	15% Now	\$3,900	2034	* *	5	\$4,900	
	Broken/Missing Elements Location : At Eaves	Extent: Mode	rate, Ar	ea Affected : 20%			
	Deformed/Dented, Extent Location : At Eaves	: Moderate, Ar	ea Affec	ted : 25%			
Stucco Cement	5% Now Cracking/Crumbling, Extended to Location: At Foundation			\$26,400 fected : 25%	5	\$1,100	
Windows							
Aluminum	100%		2040	* *	5	\$2,300	
Roof						 	
Slate	100% Now Gut/DS Non Func/Miss, E Location: East Side Water Penetration, Exten Location: Basement Sto	Extent : Severe, . t : Severe, Area					1
Interior							
Floors							
Carpet	65%		2023	\$91,400	3	\$13,800	
Ceramic Tile	5%		2033	* *	5	\$500	
Panel/Paver: Cer/Brk	5%		2040	* *	5	\$1,200	
Vinyl Tile	25% Now Poor Subfloor Evident, E. Location: Basement	\$23,400 ctent : Moderate	2034 e, Area A	* * Affected : 25%	3	\$1,000	
	Worn/Eroded, Extent : Mo Location : Basement	oderate, Area Ą	ffected :	25%			

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

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

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

Asset #: 13274

Architecture	Current Rep	air	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Interior Walls							
Ceramic Tile	3%		2033	* *	5	\$400	
Gypsum Board	10% Now	\$1,200	LIFE	* *	5	\$800	
	Cracking/Crumbling, Ex Location : Air Condition Water Penetration, Exten Location : Air Condition	oner Room 1t : Severe, Ared	ı Affecte				
Plaster	10% Now Cracking/Crumbling, Ex Location: Basement St Water Penetration, Exter Location: Basement St	orage Room nt : Severe, Ared	33		5	\$400	
Plaster	77%		LIFE	* *	5	\$3,200	
Ceilings							
Plaster	100%		LIFE	* *	5	\$6,600	

ectrical		Current Repai	r	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$1,500	5	\$200	
	Other Obse	rvation, Extent	: Moderate, 1	Area Affe	ected : 100%			
	Location	: Electrical Roc	om					
	Explanati	on : No Availal	ble Nameplate	e Ratings				
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$33,500	5	\$200	
Raceway								
Conduit	80%			2024	\$26,000	1		
Conduit	20%			2034	* *	1		
Panelboards								
Fused Toggle Switch	20%	2-4	\$3,100	2049	* *	5		
		quipment, Exter		, Area Af	fected : 100%			
	Location	: Basement And	l First Floor					
Molded Case Bkrs	30%			2023	\$4,600	5	\$100	
Molded Case Bkrs	50%			2032	* *	5	\$100	
Wiring								
Braided Cloth	50%	2-4	\$14,400	2049	* *	1		
	Insulation 1	Aged, Extent : M	Aoderate, Are	a Affecte	ed : 100%			
	Location	: Throughout						
Thermoplastic	50%			2034	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	\$7,800	5		
Locally Mounted	50%			2022	\$7,800	5		

Ground

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

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

Asset #: 13274

Electrical	Current Repair	Future R	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Not Accessible	100%					
ighting						
Interior Lighting						
Fluorescent	80%	2024	\$59,000	10	\$5,200	
	T-8 Lamps And Fixtures, Extent:	-	ffected : 100%			
	Location: Throughout The Buil					
Fluorescent	15%	2020	\$11,100	10	\$1,000	
	T-12 Lamps And Fixtures, Extent Location: Basement	: Moderate, Area A	Affected : 100%	ó		
Fluorescent	5%	2024	\$3,700	10	\$300	
	Other Observation, Extent: Mod Location: Reading Areas Explanation: Compact Fluores					
Egress Lighting						
Emergency, Battery	50%	2024	\$5,000	10	\$900	
Exit, Service	50%	2024	\$500	1		
Exterior Lighting						
HID	100%	2024	\$27,800	10		
.larm						
Security System						
Generic	100%	2024	\$22,300	1	\$2,700	
	Other Observation, Extent : Mod Location : Throughout The Bui		d : 100%			
	Explanation: Intrusion Alarm	Only				
Fire/Smoke Detection						
Generic	100%	2032	* *	1-3	\$4,500	
	Other Observation, Extent : Mod		d: 100%			
	Location : Throughout The Bui					
	Explanation: Strobe Lights, Mo	anual Pull Station, s	Smoke Detector	rs		

/lechanical	Current Repair	Future Repl	Future Replacement		Maintenance		
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority	
eating							
Energy Source							
Natural Gas	100%	2044	* *	1			
Conversion Equipment							
Hot Water Boiler	100%	2037	* *	1	\$3,500		
	Other Observation, Extent: Light	Area Affected : 100%	6				
	Location : Basement Boiler Roo	m					
	Explanation: 1 Unit						
Distribution							
Hot Wtr Piping/Pump	100%	2032	* *	4	\$500		

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

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

Asset #: 13274

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	80%			2024	\$77,500	1	\$3,500	
Convector/Radiator	20%			2029	\$7,400	1	\$500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Int Pkg Unit -	100%			2020	\$146,600	2	\$400	
Heating/Cooling								
	R-22 Refri	gerant, Ext	ent : Light, Area A	ffected :	100%			
	Location	: Basemen	t Fan Room					
Heat Rejection								
Air Cooled Condenser	100%			2024	\$13,900	2	\$5,000	
Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,000	
Exhaust Fans								
Interior	100%			2020	\$24,500	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	\$4,200	2	\$100	
Sanitary Piping								
Cast Iron	100%	Now	\$2,500	LIFE	* *	1		
	_		Extent : Severe, Are		ed : 5%			
	Location	: Front An	d Rear Exits Of Bo	isement				
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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : AUBURNDALE BRANCH LIBRARY

Address : 25-55 FRANCIS LEWIS BLVD.

Borough : QUEENS Agency's Number : AU

Area Sq Ft : 7,332 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 19-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 5769 Lot : 10 BIN : 4129461

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Interior Architecture		\$82,700
Electrical		\$154,700
Mechanical	\$304,600	
Total	\$304,600	\$237,400
Importance Code B	\$304,600	\$237,400
Total	\$304,600	\$237,400

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture			\$2,400	
Interior Architecture	\$700		\$1,900	\$1,200
Electrical	\$26,700	\$700	\$700	\$15,600
Mechanical	\$9,100	\$400	\$6,400	\$400
Total	\$36,500	\$1,000	\$11,400	\$17,200
Importance Code A	\$400	\$400	\$2,800	\$400
Importance Code B	\$36,100	\$700	\$8,700	\$16,600
Importance Code C				\$200
Total	\$36,500	\$1,000	\$11,400	\$17,200



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

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

QUEENS PUBLIC LIBRARY - 039 AUBURNDALE BRANCH LIBRARY

Asset #: 13275

Architecture	Current Repair	Futur	e Replacement	M		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior						
Exterior Walls						
Cast in Place Concrete	50%	LIFE	* *	5	\$29,100	
	Repairs in Progress, Extent: Light, Area	a Affecte	d : 25%			
	Location: Throughout					
	Other Observation, Extent: Moderate, A	Area Affe	ected : 100%			
	Location: Throughout					
	Explanation: Sidwalk Shed In Place					
Masonry: Brick	30%	LIFE	* *	5	\$3,500	
Pre-Cast Concrete	2%	LIFE	* *	5	\$800	
Window Wall	18%	2044	* *	5	\$7,900	
Windows						
Aluminum	100%	2032	* *	5	\$4,800	
Parapets						
Cast in Place Concrete	100%	LIFE	* *	5	\$8,500	
	Repairs in Progress, Extent: Light, Area	a Affecte	d : 25%			
	Location : Throughout					
	Other Observation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location: Throughout					
-	Explanation: Sidewalk Shed In Place					
Roof	1000/					
Under Construction	100%					
terior						
Floors	250/	2025	¢50,000	2	¢£ 000	
Carpet	35% Pagent Poplage Evident Extent : Light	2025	\$50,800	3	\$5,800	
	Recent Replace Evident, Extent: Light,	Area Ajj	eciea : 100%			
	Location : Throughout		di di			
Cast in Place Concrete	10%	LIFE	* *	5	\$2,400	
Ceramic Tile	5%	2033	* *	5	\$500	
Vinyl Tile	50%	2032	* *	3	\$2,700	
J					Φ=,,,σο	
,	Recent Replace Evident, Extent : Light,		ected : 100%		<i>\$</i> = ,700	
	Recent Replace Evident, Extent : Light, Location : Throughout		ected : 100%		Ψ=,,,,,	
Interior Walls	Location : Throughout	Area Aff				
Interior Walls Ceramic Tile	Location : Throughout 5%	Area Aff	* *	5	\$500	
Interior Walls Ceramic Tile Concrete Masonry Unit	Location : Throughout 5% 90%	Area Aff 2033 LIFE	**	5	\$500 \$3,300	
Interior Walls Ceramic Tile Concrete Masonry Unit Glass: Single Pane	Location : Throughout 5%	Area Aff	* *		\$500	
Interior Walls Ceramic Tile Concrete Masonry Unit Glass: Single Pane Ceilings	Location: Throughout 5% 90% 5%	2033 LIFE LIFE	* * * * * *	5 5	\$500 \$3,300 \$300	
Interior Walls Ceramic Tile Concrete Masonry Unit Glass: Single Pane	Location : Throughout 5% 90% 5% 90%	2033 LIFE LIFE 2029	** ** ** \$82,700	5	\$500 \$3,300	
Interior Walls Ceramic Tile Concrete Masonry Unit Glass: Single Pane Ceilings	Location: Throughout 5% 90% 5% 90% Staining/Discoloring, Extent: Moderate	2033 LIFE LIFE 2029	** ** ** \$82,700	5 5	\$500 \$3,300 \$300	
Interior Walls Ceramic Tile Concrete Masonry Unit Glass: Single Pane Ceilings	Location: Throughout 5% 90% 5% 90% Staining/Discoloring, Extent: Moderate Location: Throughout	2033 LIFE LIFE 2029 c, Area A	** ** ** \$82,700 ffected: 25%	5 5	\$500 \$3,300 \$300	
Interior Walls Ceramic Tile Concrete Masonry Unit Glass: Single Pane Ceilings	Location: Throughout 5% 90% 5% 90% Staining/Discoloring, Extent: Moderate Location: Throughout Worn/Eroded, Extent: Light, Area Affect	2033 LIFE LIFE 2029 c, Area A	** ** ** \$82,700 ffected: 25%	5 5	\$500 \$3,300 \$300	
Interior Walls Ceramic Tile Concrete Masonry Unit Glass: Single Pane Ceilings	Location: Throughout 5% 90% 5% 90% Staining/Discoloring, Extent: Moderate Location: Throughout	2033 LIFE LIFE 2029 c, Area A	** ** ** \$82,700 ffected: 25%	5 5	\$500 \$3,300 \$300	

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

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

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

QUEENS PUBLIC LIBRARY - 039 AUBURNDALE BRANCH LIBRARY

Asset #: 13275

Electrical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Molded Case Bkrs	100% Other Observation, Extent : Location : Electrical Root Explanation : No Availab	n	\$1,500 cted : 100%	5	\$200	
Switchgear / Switchboard	1000/	2024	Ф22.500	_	Ф200	
Molded Case Bkrs	100%	2024	\$33,500	5	\$200	
Raceway Conduit	90%	2024	\$29,200	1		
Conduit	10%	2044	\$29,200 * *	1		
Panelboards	1070	2044		1		
Fused Disc Sw	5%	2040	* *	5		
Molded Case Bkrs	95%	2023	\$14,700	5	\$200	
Wiring Braided Cloth	90% 2-4 Insulation Aged, Extent : M Location : Throughout Th		* * d : 100%	1		
Thermoplastic	10%	2044	* *	1		
Motor Controllers Locally Mounted	100%	2029	\$15,600	5	\$100	
Ground Grounding Devices Generic Lighting	100%	LIFE	* *	5	\$100	
Interior Lighting Fluorescent	98% Other Observation, Extent: Location: Throughout Th Explanation: T12 Lamps		\$74,500 cted : 100%	10	\$6,600	
Fluorescent	2% Other Observation, Extent: Location: Boiler Room Explanation: Compact Fi			10	\$100	
Egress Lighting	· I · · · · · · · · · · · · · · · · · ·					
Emergency, Battery	50%	2029	\$5,100	10	\$900	
Exit, Service	50%	2029	\$500	1		
Exterior Lighting Fluorescent	100% Other Observation, Extent : Location : Outside Explanation : Compact Fi			10	\$700	
Alarm Security System Generic	100%	2029	\$23,000	1	\$2,700	
Generic	Other Observation, Extent: Location: Throughout Th Explanation: Intrusion A	Moderate, Area Affe e Building		1	Ψ2,700	

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

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

QUEENS PUBLIC LIBRARY - 039 AUBURNDALE BRANCH LIBRARY

Asset #: 13275

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Alarm				
Fire/Smoke Detection				
Generic	100%	2029 \$78,600	1-3 \$4,700	
	Other Observation, Extent: Moderate,	Area Affected : 100%		
	Location: Throughout The Building			
	Explanation: Strobe Lights, Manual	Pull Station And Smoke Det	tector	

Mechanical		Current Repair		Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment Furnace	Location			2029 Affected	\$16,700 !: 100%	1	\$3,600	
Air Conditioning	Вхрити	non . One (<i></i>					
Energy Source Electricity	100%			2040	* *	1		
Conversion Equipment	10070			2040		- 1		
Interior Pkg Unit - Cooling	100%	Now	\$5,300	2022	\$265,900	2	\$400	
coomig	Malfunctio	oning, Exte	nt : Moderate, Are	a Affecte	d : 5%			
	-	-	Control Damper #2					
	R-22 Refr	igerant, Ext	tent : Light, Area A	ffected :	100%			
	Location	: One Uni	t In AC Room					
Heat Rejection								
Dry Cooler	100%			2020	\$38,700	2	\$5,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,100	
Exhaust Fans								
Roof	20%			2020	\$2,400	2		
No Component	80%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2022	\$4,300	2	\$100	
Sanitary Piping						_		
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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

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

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QUEENS PUBLIC LIBRARY - 039 AUBURNDALE BRANCH LIBRARY

Asset #: 13275

Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : BAISLEY PARK BRANCH LIBRARY

Address : 117-11 SUTPHIN BLVD.

Borough : QUEENS Agency's Number : BP

Area Sq Ft : 6,808 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 10-May-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 12204 Lot : 103 BIN : 4264849

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$305,300	
Interior Architecture	\$76,300	
Electrical	\$63,500	\$73,000
Mechanical		\$141,600
Total	\$445,100	\$214,600
Importance Code A	\$305,300	
Importance Code B	\$139,800	\$214,600
Total	\$445,100	\$214,600

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$2,100		\$200	
Interior Architecture	\$13,700			\$1,300
Electrical	\$25,300	\$900	\$13,500	\$600
Mechanical	\$1,200	\$2,200	\$4,000	\$2,300
Site Pavements	\$16,200			
Total	\$58,500	\$3,100	\$17,700	\$4,300
Importance Code A	\$2,400	\$300	\$600	\$300
Importance Code B	\$55,500	\$2,700	\$17,000	\$4,000
Importance Code C	\$600			
Total	\$58,500	\$3,100	\$17,700	\$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.

Asset #: 13276

Architecture		Current I	Repair	Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	-	2-4 Dented, Ex : Copper (\$189,600 ktent : Moderate, A Cladding	2062 rea Affed	* * cted : 100%			
Masonry: Brick	Diagonal Location	: Exit At N	\$45,300 tent : Moderate, A Jortheast Corner, I	Penthous	e	5	\$14,500	
	Location Spalling, I	: Penthou.	ht, Area Affected :		cted : 5%			
Windows								
Aluminum	Air Infiltra Location Caulking I	: Through	d, Extent : Severe,			5	\$800	
Metal Louvers	Bent/Warp Location Deformed Location Deterioran	: Penthou. Dented, Ex : Penthou.	xtent : Moderate, A se Extent : Moderate,	rea Affe	cted : 10%			
Parapets								
Masonry: Brick	Cracking/e Location Jnt Mortal	: Penthou.	d, Extent : Modera		-	5	\$100	
Metal Panel	60%			2037	* *	5	\$400	
Pre-Cast Concrete	7%			LIFE	* *	5	\$100	
Roof Modified Bitumen	100%			2035	* *	10	\$17,100	
nterior								
Floors	50 /			2026	# 6.700	2	Ф1 000	
Carpet	5%			2026	\$6,700 * *	3	\$1,000	
Cast in Place Concrete Ceramic Tile	5% 5%			LIFE 2030	* *	5 5	\$1,100 \$500	
Vinyl Tile	85% Adhesion		\$76,300 tent : Moderate, A	2037	* *	3	\$3,200	
	Loose/Del	: Through am Surface : Through	e, Extent : Moderat	e, Area A	Affected : 50%			

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

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

Asset #: 13276

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								
Concrete Masonry Unit				LIFE	* *	5	\$3,400	
Plaster	30%	Now	\$600	LIFE	* *	5	\$1,100	
			Extent : Moderate, 1	Area Affe	ected : 10%			
	Location	: Penthou.	se Stair					
Ceilings								
AcousTileSusp.Lay-In	10%	2-4	\$800	2032	* *	5	\$500	
	Staining/L	iscoloring,	, Extent : Moderate	e, Area A	ffected : 10%			
	Location	: Stained '	Tiles Due To Roof	Leaks				
Plaster	90%	Now	\$11,700	LIFE	* *	5	\$5,400	
	Cracking/	Crumbling,	, Extent : Severe, A	rea Affe	cted : 10%			
	Location	: Penthou.	se Stair, Male And	Female .	Staff Restroom			
	Water Pen	etration, E	Extent : Severe, Are	a Affecte	d: 20%			
	Location	: Penthou.	se Stair, Reading A	rea, Mai	le Staff Restroom			
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2062	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			
Activity Yard								
Pavers/Stone	100%	2-4	\$16,200	2042	* *			
	Misaligne	d/Bulging,	Extent : Moderate,	Area Af	fected : 100%			
	Location	: Interior	Courtyard					

ectrical	Current Repair	Futu	e Replacement	М	aintenance	
stem Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2027	\$1,500	5	\$200	
	Other Observation, Extent :	Moderate, Area Affe	ected : 100%			
	Location : Electrical Room	n				
	Explanation: No Availab	le Ratings				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2027	\$33,500	5	\$200	
Raceway						
Conduit	100% 4+	\$1,600 2027	\$32,500	1		
	Corroded, Extent : Modera	te, Area Affected : 10	0%			
	Location: Throughout	•				
Panelboards						
Molded Case Bkrs	100%	2026	\$15,500	5	\$200	

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

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

Asset #: 13276

Electrical	Current Repa	ir Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring						
Braided Cloth	80% 4+	\$23,000 2052	* *	1		
	Insulation Aged, Extent:		d : 100%			
	Location: Throughout T					
Thermoplastic	20%	2027	\$5,700	1		
Motor Controllers						
Locally Mounted	100%	2025	\$15,600	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Exten	0 00	: 100%			
	Location : Water Meter					
* * * *	Explanation: Connected	d To Main Water Pipe				
Lighting						
Interior Lighting	90%	2022	¢62.500	10	¢5 (00	
Fluorescent	90% T-12 Lamps And Fixtures	2022	\$63,500	10	\$5,600	
	Location: Throughout	, Extent . Light, Area A	<i>Heciea</i> . 10070			
T 1		2022	Φ7.100	2		
Incandescent	10%	2022	\$7,100	2		
Egress Lighting	500/	2027	¢4.000	10	0000	
Emergency, Battery Exit, Service	50% 50%	2027 2027	\$4,800 \$500	10	\$800	
	30%	2027	\$300	1		
Exterior Lighting HID	100%	2027	\$26,600	10		
	100%	2027	\$20,000	10		
Alarm Security System						
Generic	100%	2027	\$21,300	1	\$2,500	
Fire/Smoke Detection	10070	2021	Ψ21,300	1	Ψ2,500	
Generic, Analog	100%	2027	\$73,000	1-3	\$4,200	
Generic, 7 maiog	10070	2021	Ψ13,000	1 3	Ψ-1,200	

Mechanical		Current Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Natural Gas	100%		2047	* *	1			
Conversion Equipment								
Furnace	20%		2032	* *	1	\$700		
Hot Water Boiler	80%		2032	* *	1	\$2,700		
Distribution								
Hot Wtr Piping/Pump	80%		2043	* *	4	\$300		
No Component	20%							
Terminal Devices								
Air Handler	50%		2027	\$46,400	1	\$2,100		
Convector/Radiator	30%		2040	* *	1	\$700		
No Component	20%							

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

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

Asset #: 13276

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment							
Reciprocating	80%		2032	* *	1	\$2,500	
Compr/Chiller					_	****	
Ext Pkg Unit -	20%		2032	* *	2	\$100	
Heating/Cooling							
Distribution	1000/		LIEE	* *	2	60,000	
Ductwork/Diffusers	100%		LIFE	~ ~	2	\$8,900	
Terminal Devices	900/		2027	\$50,200	1	\$2.400	
Air Handler/Cool/Ht	80% 20%		2027	\$59,200	1	\$3,400	
No Component Heat Rejection	20%						
Dry Cooler	100%		2027	\$35,900	2	\$4,700	
Ventilation	10070		2027	\$33,900		\$4,700	
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,800	
Exhaust Fans	10070					ψ2,000	
Interior	25%		2027	\$5,900	2	\$100	
Roof	75%		2027	\$8,200	2	\$200	
Plumbing						· · · · · · · · · · · · · · · · · · ·	
H/C Water Piping							
Galvanized Steel	100%		2040	* *	1		
Water Heater							
Gas Fired	100%		2025	\$4,000	2	\$100	
		ervation, Extent : Light, Area	Affected	!: 100%			
		: 2nd Floor Break Room					
	Explana	tion : 1-50 Gallon					
Sanitary Piping	40001						
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10001		TIPE	* *			
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer	000/						
No Component	90%		2022	* *	1		
Generic	10%		2032		1		
		ervation, Extent : Light, Area a : 2nd Floor Mechanical Roon		. 10070			
		i . 2na Fioor Mechanicai Roor tion : Boiler	11				
Fixtures	Елріина	non . Doner					
Generic	100%						
Generic	100/0						

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : BAY TERRACE BRANCH LIBRARY

Address : 18-36 BELL BLVD.

Borough : QUEENS Agency's Number : BT
Program / Asset # : QPL0B07.000 / 13279 Yr Built/Renovated : 1981 /

Area Sq Ft : 7,444 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 12-Aug-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 5865 Lot : 82 BIN : 4131148

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$457,000	
Interior Architecture		\$177,000
Electrical	\$61,800	\$95,300
Mechanical	\$141,900	\$61,300
Total	\$660,600	\$333,500
Importance Code A	\$457,000	
Importance Code B	\$203,700	\$333,500
Total	\$660,600	\$333,500

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$1,000			
Interior Architecture		\$1,300	\$300	
Electrical	\$6,300	\$700	\$16,400	\$14,900
Mechanical	\$23,500	\$1,500	\$7,600	\$1,500
Total	\$30,700	\$3,500	\$24,300	\$16,400
Importance Code A	\$1,300	\$400	\$400	\$400
Importance Code B	\$29,400	\$3,100	\$23,900	\$16,000
Importance Code C				
Total	\$30,700	\$3,500	\$24,300	\$16,400



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

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

Asset #: 13279

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Concrete Masonry Unit	100% Now	\$150,600	LIFE	* *	5	\$11,000	
	Cracking/Crumbling,		, Area A <u>f</u>	fected : 15%			
	Location : Through						
	Jnt Mortar Miss/Erod		e, Area A	Affected : 25%			
	Location: Through						
	Other Observation, E		Affected	: 100%			
	Location: Through						
	Explanation: Ribbe	ed Face Masonry U	nits				
Windows	1000/		20.40	* *	-	#2 000	
Aluminum	100%		2040	* *	5	\$2,000	
Parapets Managed II. 'A	100/		TIPP	ቋ 	-	#200	
Concrete Masonry Unit	10%		LIFE	* *	5	\$200	
Concrete Masonry Unit	10%	Cutant Madanata	LIFE		5	\$200	
	Other Observation, E Location : Exterior		00				
	Explanation: Ribbe	=	esi Corn	er			
No Component	80%	ea race Omis					
Roof	8070						
Built-Up (BUR)	100% 2-4	\$306,400	2034	* *			
Bunt-Op (BOK)	Patching Evident, Ex			red · 40%			
	Location: Through		ca rijjee.	ca . 1070			
	Vegetation Growth, E		Area Affe	cted : 20%			
	Location : Lower R						
	Worn/Eroded, Extent	-		20%			
	Location : Through		33				
nterior							
Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$1,200	
Ceramic Tile	5%		2027	\$11,200	5	\$600	
Vinyl Tile	90%		2024	\$88,300	3	\$3,800	
Interior Walls							
Concrete Masonry Unit	95%		LIFE	* *	5	\$4,100	
Glass: Single Pane	5%		LIFE	* *	5	\$400	
Ceilings							
AcousTileSusp.Lay-In	95%		2029	\$88,700	5	\$10,600	
Exposed Struc: Steel	5%		LIFE	* *			

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

Under 600 Volts

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

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

Asset #: 13279

Electrical	Current Repa	air Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Service Equipment			4				
Molded Case Bkrs	100%	2024	\$1,500	5	\$200		
	Other Observation, Exter Location : Electrical Ro		ected : 100%				
	Explanation : Main Ser		O Amnaras				
Switchgear / Switchboard	Explanation . Main Ser	vice Swiich Raiea Ai 40	o Amperes				
Molded Case Bkrs	100%	2024	\$33,500	5	\$200		
Raceway	10070		\$22,233		\$200		
Conduit	90%	2024	\$29,200	1			
Conduit	10%	2044	* *	1			
Panelboards							
Molded Case Bkrs	90%	2023	\$13,900	5	\$200		
Molded Case Bkrs	10%	2040	* *	5			
Wiring							
Thermoplastic	90%	2024	\$25,900 * *	1			
Thermoplastic	10%	2044	* *	1			
Motor Controllers	1000/	2022	¢15 (00	_	¢100		
Locally Mounted Ground	100%	2022	\$15,600	5	\$100		
Grounding Devices							
Generic Generic	100%	LIFE	* *	5	\$100		
Lighting	10070	En E			Ψ100		
Interior Lighting							
Fluorescent	80%	2020	\$61,800	10	\$5,500		
	T-12 Lamps And Fixtures		ea Affected : 100%	ó			
	Location: Throughout	The Building					
Fluorescent	20%	2024	\$15,400	10	\$1,400		
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location: Throughout						
	Explanation : Compact	Fluorescent Light Fixt	ures				
Egress Lighting	500/	2020	Ø5 3 00	10	0000		
Emergency, Battery	50% 50%	2029 2029	\$5,200 \$600	10 1	\$900		
Exit, Service Exterior Lighting	JU70	2029	\$000	1			
HID	100%	2024	\$29,100	10			
Alarm	10070	2024	Ψ27,100	10			
Security System							
Generic	100%	2024	\$23,300	1	\$2,800		
	Other Observation, Exter						
	Location: Throughout The Building						
	Explanation: Intrusion	Alarm System, Motion	Sensors				
Fire/Smoke Detection	1000/	***	4- 0 000		4. - - - -		
Generic	100%	2029	\$79,800	1-3	\$4,700		
	Other Observation, Exter		eciea : 100%				
	Location: Throughout		on Horns And Sm	oka Data	etors		
	Explanation: Strobe Li	gnis, manuai Puii Stati	on, norns Ana Smo	ке ретес	ciors		

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

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

Asset #: 13279

Mechanical		Current Repair Futur		uture Replacement		aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source	1000/		2024	* *			
Natural Gas	100%		2034	* *	1		
Conversion Equipment Hot Water Boiler	1000/		2041	* *	1	\$2.700	
Hot water Botter	100%	ervation, Extent : Light, Area			1	\$3,700	
		: Basement Boiler Room	Ајјестеи	. 10070			
		tion: 1 Unit					
Distribution	<i>T</i>						
Hot Wtr Piping/Pump	100%		2032	* *	4	\$500	
Terminal Devices							
Air Handler	60%		2020	\$60,900	1	\$2,800	
Convector/Radiator	40%		2029	\$15,500	1	\$1,000	
Air Conditioning							
Energy Source							
Electricity	100%		2032	* *	1		
Conversion Equipment							
Reciprocating	100%		2029	\$61,300	1	\$3,500	
Compr/Chiller	D 22 D C	T	CC , 1	1000/			
	K-22 Kejri Location	gerant, Extent : Light, Area A	<i>:</i>	100%			
Terminal Devices	Locuiton	. <i>Rooj</i>					
Air Handler/Cool/Ht	100%		2020	\$81,000	1	\$4,600	
Heat Rejection	10070		2020	\$61,000	1	\$7,000	
Dry Cooler	100%		2032	* *	2	\$5,200	
Ventilation	10070		2032			ψ3,200	
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,200	
Exhaust Fans						•	
Interior	80%		2020	\$20,600	2	\$200	
Roof	20%		2024	\$2,400	2		
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater	1000/		2022	Φ4.400	•	#100	
Gas Fired	100%		2022	\$4,400	2	\$100	
Sanitary Piping	1000/		TIPE	* *	1		
Cast Iron	100%		LIFE	T T	1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	100%		LIFE		1		
Sump Pump(s) Non-Submersible	100%		2024	\$1,100	4	\$200	
Fixtures	100/0		2027	φ1,100		\$200	
Generic	100%						
Generic	10070						

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : BAYSIDE BRANCH LIBRARY Address : 214-20 NORTHERN BLVD.

Borough : QUEENS Agency's Number : B

Area Sq Ft : 9,932 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 12-Aug-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 7333 Lot : 215 BIN : 4157389

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$149,300	
Mechanical		\$189,500
Total	\$149,300	\$189,500
Importance Code A	\$149,300	
Importance Code B		\$189,500
Total	\$149,300	\$189,500

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$3,000		\$22,700	
Interior Architecture	\$17,300		\$500	\$5,500
Electrical	\$24,100	\$1,000	\$10,400	\$13,600
Mechanical	\$2,500	\$1,000	\$11,700	\$1,000
Total	\$46,900	\$1,900	\$45,300	\$20,100
Importance Code A	\$3,500	\$500	\$23,200	\$500
Importance Code B	\$43,400	\$1,500	\$22,100	\$19,300
Importance Code C				\$300
Total	\$46,900	\$1,900	\$45,300	\$20,100



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

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

Asset #: 13278

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Exterior Walls	50/	1100 **	-	¢1 000	
Cast in Place Concrete	5%	LIFE	5	\$1,800	
Masonry: Brick	85% 5% Now \$1,2	LIFE	5 5	\$6,300 \$400	
Masonry: Brick	5% Now \$1,2 Int Mortar Miss/Erod, Extent : Mo Location : At Chimney Cap		3	\$400	
Window Wall	5% Now \$1,8 Caulking Deteriorated, Extent: M Location: North Facade Water Penetration, Extent: Model Location: North Facade	oderate, Area Affected : 10%	5	\$700	
Windows					
Aluminum	100% 2-4 \$149,3 Worn/Eroded, Extent : Moderate, Location : Throughout		5	\$1,700	
Roof	1000/	2022	10	#22.7 00	
Modified Bitumen	100% Recent Replace Evident, Extent: L Location: Throughout	2032 ** ight, Area Affected : 100%	10	\$22,700	
Interior					
Floors					
Carpet	65% Recent Replace Evident, Extent : L Location : Throughout	2026 \$127,700 ight, Area Affected : 100%	3	\$19,300	
Cast in Place Concrete	5%	LIFE **	5	\$1,600	
Ceramic Tile	5%	2033 **	5	\$700	
Vinyl Tile	25%	2034 **	3	\$1,400	
	Recent Replace Evident, Extent : L Location : Throughout	ight, Area Affected : 100%			
Interior Walls		and the state of t	_		
Ceramic Tile	5%	2033 **	5	\$700	
Concrete Masonry Unit	25%	LIFE	5	\$1,400	
Gypsum Board	70% Recent Replace Evident, Extent: L Location: Throughout	LIFE	5	\$5,800	
Ceilings					
AcousTileConcealSpLn	10% Now \$12,5 Staining/Discoloring, Extent: Moderate, Location: Basement Worn/Eroded, Extent: Moderate, Location: Basement	derate, Area Affected : 25%	5	\$900	
AcousTileSusp.Lay-In	80%	2044 **	5	\$11,900	
	Recent Replace Evident, Extent: Location: Throughout	лgnt, Area Affected : 100%			
F 10	5%	LIFE **	5	\$100	
Exposed Concrete			J	(D I ()()	

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

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

Asset #: 13278

Electrical	Current Repair	Current Repair Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Molded Case Bkrs	100% Other Observation, Extent : M Location : Electrical Room Explanation : No Available 1		\$1,500 : 100%	5	\$300	
Switchgear / Switchboard Molded Case Bkrs	100%	2024	\$33,500	5	\$300	
Raceway Conduit Conduit	80% 20%	2024 2050	\$26,000 * *	1 1		
Panelboards Molded Case Bkrs Molded Case Bkrs	80% 20%	2023 2046	\$12,400 * *	5 5	\$200 \$100	
Wiring Braided Cloth	80% 2-4 \$ Insulation Aged, Extent : Mode Location : Throughout	23,000 2049 erate, Area Affected : 1	**	1		
Thermoplastic	20%	2050	* *	1		
Motor Controllers Locally Mounted	100%	2041	* *	5	\$100	
Ground Grounding Devices Generic	100%	LIFE	* *	5	\$100	
Lighting Interior Lighting Fluorescent	80% T-5 Lamps And Fixtures, Exter Location : Throughout The E		* * Fected : 100%	10	\$7,300	
Fluorescent	10% T-8 Lamps And Fixtures, Exter Location: Throughout The E	2032 nt : Moderate, Area Aff	* * Tected : 100%	10	\$900	
Fluorescent	10% Other Observation, Extent: M Location: Throughout The E Explanation: Compact Fluo	2032 oderate, Area Affected building	**	10	\$900	
Egress Lighting Exit, LED Exit, Battery	50% 50%	2059 2032	* *	1 10	\$300	
Exterior Lighting HID	100%	2032	* *	10		
Alarm Security System Generic	100% Other Observation, Extent : M Location : Inside And Outsia Explanation : CCTV Surveill	e	**: 100%	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.

Asset #: 13278

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Alarm				
Fire/Smoke Detection				
Generic	100%	2032 **	1-3 \$6,300	
	Other Observation, Extent: Moderate,	Area Affected : 100%		
	Location : Throughout The Building			
	Explanation: Strobe Lights, Manual	Pull Station, Horns And Sm	oke Detectors	

Mechanical		Current Repair	Futur	ture Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source	1000/		2011	* *			
Natural Gas	100%		2044	* *	1		
Conversion Equipment	1000/		2024	¢22.700	1	¢4.000	
Furnace	100%	servation, Extent : Light, Area	2024	\$22,700	1	\$4,900	
		ervation, Extent : Light, Arec t : Basement Mechanical Roo		: 100%			
		tion : 1 Unit	m				
Air Conditioning	Ехріана	uon . 1 Onu					
Energy Source							
Electricity	100%		2032	* *	1		
Conversion Equipment							
Reciprocating	100%		2024	\$81,800	1	\$4,600	
Compr/Chiller				. ,		. ,	
•	R-22 Refr	igerant, Extent : Light, Area	Affected :	100%			
	Location	: Basement Mechanical Roo	m				
Terminal Devices							
Air Handler/Dir	100%		2024	\$107,700	1		
Expansion							
Heat Rejection							
Air Cooled Condenser	100%		2024	\$19,400	2	\$6,900	
Unit							
Ventilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2.5	¢5 500	
Exhaust Fans	100%		LIFE		2-5	\$5,500	
Interior	80%		2024	\$27,400	2	\$200	
Roof	20%		2024	\$3,200	2	\$200 \$100	
Plumbing	2070		2024	\$3,200		\$100	
H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater	-0070						
Electric	100%		2022	\$8,500	4	\$100	
Sanitary Piping						<u> </u>	
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		

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

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

Asset #: 13278

Mechanical	C	urrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Sump Pump(s)							
Non-Submersible	100%		2032	* *	4	\$300	
Sewage Ejector(s)							
Compressed Air	100%		2034	* *	4	\$100	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
No Component	95%						
Generic	5%		2050	* *	1-2	\$100	

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : BELLEROSE BRANCH LIBRARY

Address : 250-06 HILLSIDE AVE.

Borough : QUEENS Agency's Number : BL
Program / Asset # : QPL0B09.000 / 13280 Yr Built/Renovated : 1978 /

Area Sq Ft : 6,908 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 06-May-2016 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 8604 Lot : 85 BIN : 4175514

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$9,000			\$600
Interior Architecture	\$1,000		\$3,900	\$300
Electrical	\$800	\$600	\$7,900	\$900
Mechanical	\$400	\$200	\$3,100	\$200
Total	\$11,200	\$900	\$14,900	\$1,900
Importance Code A	\$9,000		\$100	\$600
Importance Code B	\$1,700	\$900	\$14,800	\$1,300
Importance Code C	\$500			
Total	\$11,200	\$900	\$14,900	\$1,900



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.

QUEENS PUBLIC LIBRARY - 039 BELLEROSE BRANCH LIBRARY

Asset #: 13280

Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated C (Yrs)	ost Priority
xterior Exterior Walls				
Masonry: Brick	100% 4+ \$9,000 Diagonal Cracks, Extent: Light, Area Location: Chimney And At Street Sid	==	5 \$14,4	00
Windows				
Aluminum	100% Other Observation, Extent: Light, Area Location: Throughout Explanation: Thermally Inefficient	2043 ** a Affected : 100%	5 \$1,2	00
Parapets	Experiment. Thermatry megatern			
Masonry: Brick	95%	LIFE **	5 \$4	00
Pre-Cast Concrete	5% Now Jnt Mortar Miss/Erod, Extent: Modera Location: Coping Open Joints, Extent: Moderate, Area A		5 \$1	00
	Location: Coping			
Roof Not Accessible	100%			
terior				
Floors	750/	2020 #102.500	2 011.6	0.0
Carpet	75% Recent Installation, Extent: Light, Are Location: Main Reading Areas	2028 \$102,500 a Affected : 100%	3 \$11,6	00
Ceramic Tile	5%	2040 **	5 \$5	00
	Recent Replace Evident, Extent : Light Location : Bathrooms		,	
Vinyl Tile	20% Recent Replace Evident, Extent: Light, Location: Community Room, Staff A		3 \$1,0	00
Interior Walls	Location . Community Room, Stajj Al	reus		
Ceramic Tile	10% Recent Replace Evident, Extent : Light, Location : Bathrooms	2040 ** , Area Affected : 100%	5 \$1,0	00
Concrete Masonry Unit	60%	LIFE **	5 \$2,4	00
Gypsum Board	30% Recent Installation, Extent : Light, Are	LIFE ** a Affected : 100%	5 \$1,8	00
	Location : Main Reading Area			
Ceilings AcousTileSusp.Lay-In	100% Recent Replace Evident, Extent: Light, Location: Throughout	2044 ** , Area Affected : 100%	5 \$10,9	00
ite Pavements				
Public Sidewalk Cast in Place Concrete	100%	2032 **		

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

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

QUEENS PUBLIC LIBRARY - 039 BELLEROSE BRANCH LIBRARY

Asset #: 13280

Electrical	Current Repair	Future Re	Future Replacement		uture Replacement Maintenance		aintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Under 600 Volts									
Service Equipment									
Molded Case Bkrs	100%	2047	* *	5	\$200				
	Other Observation, Extent:		0%						
	Location : Electrical Roon								
	Explanation : 1- Electrica	l Service Rated At 400 Am	peres						
Raceway									
Conduit	100%	2047	* *	1					
Panelboards									
Fused Disc Sw	5%	2043	* *	5					
Molded Case Bkrs	95%	2043	* *	5	\$200				
Wiring									
Thermoplastic	100%	2047	* *	1					
Motor Controllers									
Locally Mounted	100%	2040	* *	5					
Ground									
Grounding Devices									
Generic	100%	LIFE	* *	5	\$100				
Lighting									
Interior Lighting									
Fluorescent	90%	2032	**	10	\$5,700				
	T-5 Lamps And Fixtures, Ex		! : 100%						
	Location : Throughout Bu	ilding							
Fluorescent	10%	2032	* *	10	\$600				
	Compact Fluorescent Light,	, Extent : Light, Area Affec	ted : 100%						
	Location : First Floor								
Egress Lighting									
Emergency, Battery	50%	2032	* *	10	\$800				
Exit, Service	50%	2032	* *	1					
Alarm		<u> </u>							
Security System									
Generic	100%	2032	* *	1	\$2,600				
Fire/Smoke Detection		<u> </u>							
Generic, Digital	100%	2032	* *	1-3	\$4,400				

Mechanical	Curre	urrent Repair		Future Replacement		aintenance		
System Component Type	% of Fail Da Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
eating								
Energy Source								
Natural Gas	100%		2047	* *	1			
Conversion Equipment								
Not Accessible	100%							
Distribution								
Not Accessible	100%							
Terminal Devices								
Convector/Radiator	100%		2040	* *	1	\$2,200		

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

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

QUEENS PUBLIC LIBRARY - 039 BELLEROSE BRANCH LIBRARY

Asset #: 13280

Mechanical		Current Repair	Futui	re Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment							
Ext Pkg Unit -	100%		2032	* *	2	\$400	
Heating/Cooling							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2	\$9,000	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,900	
Exhaust Fans							
Roof	100%		2032	* *	2	\$200	
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		
Sump Pump(s)							
Not Accessible	100%						
Backflow Preventer							
Not Accessible	100%						
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : BRIARWOOD BRANCH LIBRARY
Address : 85-12 MAIN STREET @QUEENS BLVD.

Borough : QUEENS Agency's Number : BW

Area Sq Ft : 8,065 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 05-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 9651 Lot : 25 BIN : 4206518

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$277,300	
Electrical		\$79,400
Mechanical		\$87,500
Total	\$277,300	\$166,900
Importance Code A	\$277,300	
Importance Code B		\$166,900
Total	\$277.300	\$166 900

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$24,400		\$1,200	
Interior Architecture	\$28,600	\$700	\$5,400	\$2,400
Electrical	\$1,000	\$800	\$11,900	\$900
Mechanical	\$2,600	\$1,900	\$4,100	\$2,200
Total	\$56,500	\$3,400	\$22,600	\$5,500
Importance Code A	\$24,800	\$400	\$1,700	\$400
Importance Code B	\$31,700	\$2,600	\$20,900	\$5,100
Importance Code C		\$400		
Total	\$56,500	\$3,400	\$22,600	\$5,500



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

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

Asset #: 13281

rchitecture		Current F	Repair	Futur	e Replacement	: N		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Co	st Cycle (Yrs)	Estimated Cost	Priorit
erior	<u>'</u>			•		•		•
Exterior Walls								
Masonry: Brick	94%			LIFE	*	* 5	\$19,700	
			xtent : Light, Area de Of Building	Affected	: 20%			
Granite Panels	3%			LIFE	*	* 5	\$500	
Window Wall	3%			2047	*	* 5	\$2,400	
Windows								
Aluminum	Air Infiltre Location Weather S Location Other Obs Location	: Through trip Missin t: Through tervation, E t: Perimete	g, Extent : Modera	ate, Area Area Affe Frames	l : 100% Affected : 100% ected : 100%	* 5	\$900	
D	Ехріана	non . Frevi	оиз керин Анетр	Unsairs	јастогу			
Parapets Masonry: Brick	059/	Now	\$70,800	LIFE	*	* 5	\$3,900	
	Location Jnt Morta Location Misaligne	: Through r Miss/Eroc : Through	xtent : Light, Area out l, Extent : Modera out Extent : Light, Are	Affected te, Area A	Affected : 5%		,,,,,,,	
Pre-Cast Concrete	5%	Now	\$1,500	LIFE	*	* 5	\$1,300	
	Location Jnt Morta Location Worn/Ero	: Coping A r Miss/Eroc : Through	: Light, Area Affec	rea Affec	ted : 100%			
Roof								
Modified Bitumen	Location	ng, Extent : : Through	\$206,600 Severe, Area Affeo out lerate, Area Affect			*		
	Location	: Through	out					
	Location	: South An	ings, Extent : Ligh ad West Parapets		-			
			tent : Moderate, A	rea Affec	ted: 20%			
	Ponding,		derate, Area Affec	ted : 10%	6			
	Seams Op	en/Split, Ex	Roof Drains tent : Light, Area A	Affected .	: 10%			
	Location	: Through	out					

Interior

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

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

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

Asset #: 13281

Architecture		Current F	Repair	Future Replacement		M	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Carpet	25%			2026	\$39,900	3	\$6,000	
Cast in Place Concrete	10%			LIFE	* *	5	\$2,600	
Ceramic Tile	5%			2036	* *	5	\$600	
Vinyl Tile	40%			2032	* *	3	\$2,400	
Vinyl Tile	20%	4+	\$400	2032	* *	3	\$900	
		issing Elem : Corridor	ents, Extent : Ligh	t, Area A	ffected : 1%			
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2036	* *	5	\$700	
Concrete Masonry Unit	60%			LIFE	* *	5	\$3,500	
Glass: Single Pane	2%			LIFE	* *	5	\$200	
Gypsum Board	28%			LIFE	* *	5	\$2,500	
Ceilings								
AcousTileSusp.Lay-In	70%			2032	* *	5	\$10,900	
AcousTileSusp.Lay-In	20%	2-4	\$26,000	2047	* *	5	\$1,600	
	Staining/L	Discoloring,	Extent: Moderate	, Area A	ffected : 25%			
	Location	: Commun	ity Room, Storage	Space				
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	ected : 15%			
	Location	: Commun	ity Room, Storage	Space, F	Public Restroom			
	Worn/Eroc	ded, Extent	: Moderate, Area	Affected	: 25%			
	Location	: Commun	ity Room, Storage	Space				
Exposed Concrete	5%			LIFE	* *	5	\$100	
Gypsum Board	5%			LIFE	* *	5	\$1,000	

lectrical	Current Repai	r Future	Replacement	Maintenance		
vstem Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2027	\$1,500	5	\$200	
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location : Electrical Roc	om				
	Explanation: One 600 A	mperes Main Disconne	ect Switch			
Raceway						
Conduit	50%	2037	* *	1		
Conduit	50%	2027	\$16,200	1		
Panelboards						
Molded Case Bkrs	50%	2026	\$7,700	5	\$100	
Molded Case Bkrs	50%	2035	* *	5	\$100	
Wiring						
Thermoplastic	50%	2037	* *	1		
Thermoplastic	50%	2047	* *	1		
Motor Controllers						
Locally Mounted	100%	2032	* *	5	\$100	

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

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

Asset #: 13281

Electrical	Current Repair	Future R	eplacement	Maintenance				
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$100			
	Other Observation, Extent : Severe	, Area Affected :	50%					
	Location: Crawl Space							
	Explanation : There Is No Groun	d Wire Jumping T	The Water Mete	r.				
Lighting								
Interior Lighting	000/	2025	4		4.5 - 0.0			
Fluorescent	90%	2027	\$75,300	10	\$6,700			
	Other Observation, Extent : Light,		00%					
	Location: Throughout The Build	ing						
	Explanation: Using T-12 Lamps							
Fluorescent	5%	2027	\$4,200	10	\$400			
		Compact Fluorescent Light, Extent : Light, Area Affected : 100%						
	Location : First Floor							
Incandescent	5%	2027	\$4,200	2				
Egress Lighting								
Emergency, Battery	50%	2027	\$5,600	10	\$1,000			
Exit, Service	50% 4+	2027	\$600	1				
	Damaged Fixtures, Extent: Light,	Area Affected : 5	%					
	Location: Basement Mechanical	Room						
Exterior Lighting								
Fluorescent	40%	2022	\$10,700	10	\$300			
HID	60%	2027	\$18,900	10				
Alarm								
Security System								
Generic	100%	2032	* *	1	\$3,000			
Fire/Smoke Detection								
Generic, Digital	100%	2032	* *	1-3	\$5,100			

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2032	* *	1	\$4,000	
Distribution							
Hot Wtr Piping/Pump	100%		2035	* *	4	\$400	
Terminal Devices							
Air Handler	40%		2032	* *	1	\$2,000	
Convector/Radiator	55%		2040	* *	1	\$1,400	
Unit Heater - Steam	5%		2027	\$1,400	4		
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		

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

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

Asset #: 13281

lechanical	Current Rep	air Futur	uture Replacement		Maintenance	
ystem Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
r Conditioning						
Conversion Equipment	• • • •	•			4.00	
Exterior Pkg Unit -	30%	2032	* *	2	\$200	
Cooling Split Unit	70%	2032	* *			
Distribution	/070	2032				
Ductwork/Diffusers	100%	LIFE	* *	2	\$10,500	
Terminal Devices					4-0,000	
Air Handler/Dir	100%	2027	\$87,500	1		
Expansion						
Heat Rejection						
Air Cooled Condenser	100%	2027	\$15,800	2	\$5,600	
Unit						
entilation						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,500	
Exhaust Fans	10070	LIFE		2-3	\$4,500	
Interior	20%	2032	* *	2	\$100	
Roof	80%	2032	* *	2	\$200	
umbing						
H/C Water Piping						
Brass/Copper	100%	2047	* *	1		
Water Heater						
Gas Fired	100%	2025	\$4,800	2	\$100	
	Other Observation, External Location: Basement	nt : Light, Area Affected	: 100%			
Sanitary Piping	Explanation : 36 Gallo	n				
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	10070	EH E				
Cast Iron	80%	LIFE	* *	1		
Cast Iron	20% 4+	\$1,600 LIFE	* *	1		
	Corroded, Extent: Mode	erate, Area Affected : 80	%			
	Location: Basement C	rawlspace				
Sump Pump(s)						
Non-Submersible	100%	2032	* *	4	\$300	
Backflow Preventer	1000/	***	مان مان			
Generic	100%	2032	**	1	\$500	
	Other Observation, Exter Location: Water Main		: 100%			
	Explanation: Two Uni					
Fixtures	ълрининоп . 1 wo Uni	ıs				
Generic	100%					

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : BROAD CHANNEL BRANCH LIBRARY

Address : 16-26 CROSS BAY BLVD.

Borough : QUEENS Agency's Number : BC

Area Sq Ft : 1,940 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 03-May-2016 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 15481 Lot : 530 BIN : 4297581

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$32,200			\$2,000
Interior Architecture	\$200		\$1,100	\$100
Electrical	\$200	\$200	\$9,600	\$200
Mechanical	\$100	\$200	\$300	\$200
Total	\$32,700	\$400	\$10,900	\$2,400
Importance Code A	\$32,200			\$2,000
Importance Code B	\$500	\$400	\$10,900	\$500
Importance Code C			•	
Total	\$32,700	\$400	\$10,900	\$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.

Asset #: 13282

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls	1000/	3.7	ФО 200	20.47	* *	-	#2.700	
Metal Panel		Now	\$8,300	2047		5	\$2,500	
		_	xtent : Moderate, A Of Building All Ard		ectea : 20%			
Windows								
Aluminum	100%			2043	* *	5	\$3,900	
Roof	40001		***	• • • •				
Metal Panel	100%		\$23,900	2040	**			
		_	ents, Extent : Seve		Affected: 10%			
			Misaligned/ Leakin	_				
			xtent : Moderate, A		ected : 10%			
	Location	: Roof Lea	ıks Evident In Staff	Room				
terior								
Floors	750/			2020	#20.000	2	#2.200	
Carpet	75%			2028	\$28,800	3	\$3,300	
Vinyl Tile	25%			2035		3	\$400	
Interior Walls	1000/			LIDE	* *	-	ф 7 00	
Gypsum Board	100%			LIFE	T T	5	\$700	
Ceilings	200/	4.1	¢100	2044	* *	-	£200	
AcousTileSusp.Lay-In	20%		\$100	2044		5	\$300	
	_	_	Extent : Moderate		<i>пестеа : 2%</i>			
			rom Roof In Staff R					
Exposed Struc: Steel	80%			LIFE	* *			
ite Pavements								
On-Site Walkways	40001			• • • •				
Cast in Place Concrete	100%			2040	* *			
Parking/Driveway								
Asphalt	100%			2036	* *			

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Not Accessible	100%						
Raceway							
Conduit	100%		2047	* *	1		
Panelboards							
Molded Case Bkrs	100%		2043	* *	5	\$100	
Wiring							
Thermoplastic	100%		2047	* *	1		
Motor Controllers							
Locally Mounted	100%		2040	* *	5		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5		

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

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

Asset #: 13282

Electrical	Current Repa	ir Futu	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	100%	2032	* *	10	\$1,800	
	Motion Sensors in Use, Ex	ctent : Light, Area Affe	cted : 100%			
	Location: Throughout					
	T-5 Lamps And Fixtures, I	Extent : Light, Area A <u>f</u>	fected : 100%			
	Location: Throughout					
Egress Lighting						
Emergency, Service	50%	2032	* *	1		
Exit, Service	50%	2032	* *	1		
Exterior Lighting						
HID	100%	2022	\$7,600	10		
Alarm						
Security System						
Generic	100%	2027	\$6,100	1	\$700	
Fire/Smoke Detection						
Generic, Digital	100%	2027	\$20,800	1-3	\$1,200	

Mechanical	Current Repair	Future Repla	cement	М	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Electricity	100%	2053	* *	1		
	Recent Replace Evident, Extent: I	Light, Area Affected : I	100%			
	Location: Throughout					
Terminal Devices						
Convector/Radiator	5%	2044	* *	1		
	Recent Replace Evident, Extent : I	Light, Area Affected : I	100%			
	Location: 1st Floor					
Fan Coil Unit/Heat	95%	2035	* *	1	\$600	
	Recent Replace Evident, Extent : I	Light, Area Affected : I	100%		·	
	Location : 1st Floor					
Air Conditioning						
Energy Source						
Electricity	100%	2049	* *	1		
•	Recent Replace Evident, Extent : I	Light, Area Affected : I	100%			
	Location: Throughout					
Conversion Equipment						
Heat Pump Air Sourced	60%	2031	* *	2	\$100	
•	Recent Replace Evident, Extent : I	Light, Area Affected : 1	100%			
	Location : 1st Floor					
Split Unit	40%	2035	* *			
1	Recent Replace Evident, Extent : I	Light, Area Affected : 1	100%			
	Location : 1st Floor	2 00				

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

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

Asset #: 13282

Mechanical	Current Repair	Futur	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Air Conditioning								
Terminal Devices								
Fan Coil - 4 Pipe	100%	2035	* *	1	\$600			
	Recent Replace Evident, Extent : Li	ght, Area Aff	ected : 100%					
	Location : 1st Floor							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$1,100			
	Recent Replace Evident, Extent : Li	ght, Area Aff	ected : 100%					
	Location : 1st Floor							
Exhaust Fans								
Interior	100%	2035	* *	2	\$100			
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : 1st Floor							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2053	* *	1				
Water Heater								
Electric	100%	2026	\$1,700	4				
	Other Observation, Extent: Light, A	Area Affected	! : 100%					
	Location: 1st Floor							
	Explanation: 1-10 Gallon							
Sanitary Piping								
Cast Iron	100%	LIFE	* *	1				
Storm Drain Piping								
Cast Iron	100%	LIFE	* *	1				
Fixtures								
Generic	100%							

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : BROADWAY BRANCH LIBRARY
Address : 40-20 BROADWAY @STEINWAY ST.

Borough : QUEENS Agency's Number : BR

Area Sq Ft : 17,814 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 07-Jun-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 676 Lot : 50 BIN : 4011018

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Interior Architecture	\$23,500	
Electrical		\$69,700
Total	\$23,500	\$69,700
Importance Code B	\$23,500	\$69,700
Total	\$23,500	\$69,700

\$4,300 \$12,90	\$16,800	\$69,400	Total
	\$500	\$2,600	Importance Code C
\$3,500 \$9,50	\$15,400	\$38,900	Importance Code B
\$900 \$3,40	\$900	\$28,000	Importance Code A
\$4,300 \$12,90	\$16,800	\$69,400	Total
		\$15,200	Site Pavements
		\$800	Site Enclosure
\$3,000 \$2,70	\$2,700	\$2,100	Mechanical
\$1,300 \$4,90	\$1,500	\$21,300	Electrical
\$3,00	\$12,600	\$3,000	Interior Architecture
\$2,30		\$27,100	Exterior Architecture
FY 2022 FY 202	FY 2021	FY 2020	EXPENSE
	FY 2021	FY 2020	EXPENSE



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

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

Asset #: 13283

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
kterior							
Exterior Walls							
Masonry: Brick	92%		LIFE	* *	5	\$22,300	
Granite Panels	3%		LIFE	* *	5	\$500	
Window Wall	5%		2048	* *	5	\$4,500	
Windows							
Aluminum	100%		2044	* *	5	\$7,200	
Parapets							
Masonry: Brick	95%		LIFE	* *	5	\$2,800	
Metal Panel	5%	Now \$600	2048	* *	5	\$300	
	Loose/Mis	s Fasteners, Extent : Modera	te, Area A	Affected : 10%			
	Location	: Coping At Upper Parapet					
Roof							
Modified Bitumen	100%	Now \$26,500	2036	* *			
	-	en/Split, Extent : Moderate, A	rea Affec	cted : 10%			
	Location	: Over Second Floor					
	Water Per	netration, Extent : Moderate, A	Area Affe	ected : 10%			
	Location	: Over Second Floor					
Soffits							
Cast in Place Concrete	100%		LIFE	* *	5		
terior							
Floors							
Carpet	20%		2029	\$70,500	3	\$10,700	
Carpet	30%		2027	\$105,700	3	\$12,000	
Cast in Place Concrete	5%		LIFE	* *	5	\$2,900	
Ceramic Tile	5%		2041	* *	5	\$1,300	
Terrazzo	5%		LIFE	* *	5	\$1,000	
Vinyl Tile	10%		2023	\$23,500	3	\$1,300	
	Other Ob:	ervation, Extent : Moderate,	Area Affe	ected : 10%			
	Location	: Auditorium Basement					
	Explana	tion : 9 X 9 Tiles					
Vinyl Tile	25%		2036	* *	3	\$2,500	
Interior Walls							
Ceramic Tile	5%		2041	* *	5	\$900	
Concrete Masonry Unit	10%		LIFE	* *	5	\$700	
Glass: Single Pane	5%		LIFE	* *	5	\$700	
Glazed Ceramic Panel	10%		LIFE	* *		****	
Gypsum Board	25%		LIFE	* *	5	\$2,800	
Plaster	45%		LIFE	* *	5	\$2,500	
Ceilings						,	
AcousTileSusp.Lay-In	50%		2041	* *	5	\$13,300	
Exposed Concrete	5%		LIFE	* *	5	\$200	
Gypsum Board	5%		LIFE	* *	5	\$1,700	
Plaster	40%		LIFE	* *	5	\$6,700	
1145101		netration, Extent : Moderate, A		ected : 10%	3	ψ0,700	
		: Second Floor					

Site Enclosure

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

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

Asset #: 13283

Architecture		Current Re	epair	Futur	e Replaceme	nt	M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated (Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure									
Fence/Gates									
Chain Link	100%			2048		* *			
	Corrosion	Rusting, Ext	ent : Light, Area	Affected	: 20%				
	Location	: Rear Of B	uilding						
Retaining Walls									
Cast in Place Concrete	100%	4+	\$800	2048		* *			
	Cracking/0	Crumbling, E	Extent : Light, Are	ea Affect	ed : 20%				
	Location	: Rear Of B	uilding						
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100%	4+	\$4,300	2041		* *			
	Cracking/0	Crumbling, E	Extent : Light, Are	ea Affect	ed : 5%				
	Location	: Broadway							
On-Site Walkways									
Cast in Place Concrete	100%	4+	\$2,600	2033		* *			
	Cracking/0	Crumbling, E	Extent : Moderate	, Area A	ffected : 30%				
	Location	: Rear Of B	uilding		-				
Activity Yard									
Cast in Place Concrete	100%	4+	\$8,400	2033		* *			
	Cracking/0	Crumbling, E	Extent : Moderate	, Area A	ffected : 30%				
	_	: Rear Of B							

ectrical		Current Rep	air	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2028	\$1,500	5	\$500	
	Other Obse	ervation, Exter	it : Moderate, A	Area Affe	cted : 100%			
	Location	: Electrical Re	oom					
	Explanati	ion : Two 400	Amperes					
Switchgear / Switchboard								
Molded Case Bkrs	100%			2028	\$33,500	5	\$500	
Raceway								
Conduit	70%			2028	\$22,700	1		
Conduit	30%			2048	* *	1		
Panelboards								
Fused Disc Sw	5%			2027	\$800	5		
Molded Case Bkrs	65%			2027	\$10,100	5	\$300	
Molded Case Bkrs	30%			2044	* *	5	\$100	
Wiring								
Braided Cloth	70%	2-4	\$20,100	2053	* *	1		
	Insulation 1	Aged, Extent :	Severe, Area A	ffected :	100%			
		: Throughout						
Thermoplastic	30%			2048	* *	1		

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

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

Asset #: 13283

Electrical	Current Repair	Future Re	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Motor Controllers							
Locally Mounted	100%	2041	* *	5	\$100		
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$300		
Lighting							
Interior Lighting							
Fluorescent	10%	2033	* *	10	\$1,600		
	T-8 Lamps And Fixtures, Exte	nt : Moderate, Area A <u>f</u>	fected : 100%				
	Location: Basement						
Fluorescent	80%	2038	* *	10	\$13,100		
	T-8 Lamps And Fixtures, Exte	nt : Moderate, Area A <u>f</u>	fected : 100%				
	Location : Throughout The I	Building					
Fluorescent	10%	2033	* *	10	\$1,600		
	Other Observation, Extent : M	loderate, Area Affectea	l : 100%		·		
	Location : Throughout The I	Building					
	Explanation: Compact Fluc	rescent Fixtures					
Egress Lighting							
Emergency, Battery	30%	2028	\$7,500	10	\$1,300		
Emergency, Battery	20%	2038	* *	10	\$900		
Exit, Service	45%	2028	\$1,200	1			
Exit, Service	5%	2038	* *	1			
Exterior Lighting							
HID	100%	2028	\$69,700	10	\$100		
Alarm							
Security System							
No Component	30%						
Generic	70%	2033	* *	1	\$4,700		
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location : Throughout The I	Building					
	Explanation : CCTV Surveil	lance Cameras					
Fire/Smoke Detection							
No Component	30%						
Generic, Digital	70%	2033	* *	1-3	\$7,700		

Mechanical	Current Repair	Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source							
Natural Gas	100%	2048	* *	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						

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

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

Asset #: 13283

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cor Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
leating		•	•			•
Distribution						
Hot Wtr Piping/Pump	100%	2036	* *	4	\$1,300	
Terminal Devices						
Convector/Radiator	100%	2033	* *	1	\$5,800	
Air Conditioning						
Energy Source						
Electricity	100%	2044	* *	1		
Conversion Equipment						
Exterior Pkg Unit - Cooling	70%	2033	* *	2	\$800	
comg	Other Observation, Extent : Light, An	rea Affected	: 70%			
	Location: One On Lower Roof, And					
	Explanation: 2 Units With R-410a	_				
Split Unit	30%	2033	* *			
Terminal Devices	3070	2033				
Fan Coil - 2 Pipe	30%	2033	* *	1	\$1,700	
No Component	70%	2033		1	\$1,700	
Heat Rejection	7070					
Dry Cooler	30%	2033	* *	2	\$3,700	
No Component	70%	2033		2	\$3,700	
Ventilation	7070					
Distribution						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$9,900	
Exhaust Fans	10070	LIFE		2-3	\$9,900	
Exhaust Fans Interior	50%	2033	* *	2	\$300	
	50%		* *	2 2	\$300 \$300	
Roof	30%	2033			\$300	
lumbing						
H/C Water Piping Brass/Copper	100%	2048	* *	1		
Water Heater	10070	2046		1		
Water Heater Gas Fired	100%	2027	¢10.500	2	\$300	
	100%	2027	\$10,500	2	\$300	
Sanitary Piping	1000/	LIEE	* *	1		
Cast Iron	100%	LIFE	<i>ጉ</i>	1		
Storm Drain Piping	1000/	TIPP	* *	1		
Cast Iron	100%	LIFE	<u> </u>	1		
Backflow Preventer	000/					
No Component	90%	2022	ملد رائ		0100	
Generic	10%	2033	* *	1	\$100	
	Other Observation, Extent: Light, Ar	rea Affected	: 10%			
	Location: Boiler Room					
	Explanation: For Boiler Only					
Fixtures Generic	100%					

Vertical Transport

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

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

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QUEENS PUBLIC LIBRARY - 039 BROADWAY BRANCH LIBRARY

Asset #: 13283

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

Vertical Transport

Elevators

Hydraulic 100% LIFE **

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

Location : Basement To 2nd Floor Explanation : Basement To 2nd Floor

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : CAMBRIA HEIGHTS COMMUNITY LIBRARY

Address : 218-13 LINDEN BOULEVARD

Borough : QUEENS Agency's Number : CM
Program / Asset # : QPL0004.000 / 14110 Yr Built/Renovated : 2006 /

Area Sq Ft : 18,800 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 09-Jun-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 11319 Lot : 1 BIN : 4855031

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Mechanical		\$681,800
Total		\$681,800
Importance Code B		\$681,800
Total		\$681.800

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$10,700			\$13,300
Interior Architecture	\$21,100	\$2,200		\$7,700
Electrical	\$1,200	\$1,500	\$1,200	\$20,800
Mechanical	\$9,900	\$6,500	\$4,200	\$5,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$46,900	\$14,200	\$9,400	\$51,400
Importance Code A	\$11,600	\$900	\$900	\$14,300
Importance Code B	\$35,300	\$12,800	\$8,500	\$37,200
Importance Code C		\$500		
Total	\$46,900	\$14,200	\$9,400	\$51,400



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

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

Asset #: 14110

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	45%			LIFE	* *	5	\$8,000	
Metal Panel	5%			2054	* *	5-10	\$6,100	
Pre-Cast Concrete	10%			LIFE	* *	5	\$5,800	
Window Wall	40%			2058	* *	5	\$26,700	
Windows								
Aluminum	100%			2050	* *	5	\$6,700	
Parapets								
Metal Panel	5%			2054	* *	5	\$100	
Pre-Cast Concrete	45%			LIFE	* *	5	\$1,600	
No Component	50%							
Roof								
Modified Bitumen		Now	\$7,400	2036	* *			
		_	ings, Extent : Mod		rea Affected : 25%			
			Over Northeast Co					
			xtent : Moderate, A					
	Location	: Over Noi	rtheast Corner In (Childrens	s Area			
Modified Bitumen	90%			2036	* *	10	\$23,600	
Interior								
Floors								
Carpet	55%			2029	\$204,600	3	\$31,000	
Cast in Place Concrete	10%			LIFE	* *	5	\$6,200	
Ceramic Tile	5%			2041	* *	5	\$1,400	
Vinyl Tile	30%			2036	* *	3	\$3,200	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2041	* *	5	\$900	
Concrete Masonry Unit	25%			LIFE	* *	5	\$1,800	
Gypsum Board	60%			LIFE	* *	5	\$6,600	
Ceilings							·	
AcousTileSusp.Lay-In	95%			2045	* *	5	\$26,700	
1 ,		Discoloring,	Extent : Moderate	, Area A	ffected : 5%		. ,	
	Location	: Basemen	t Corridor					
Exposed Struc: Steel	5%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2063	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2041	* *			

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

Under 600 Volts

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

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

Asset #: 14110

Electrical	Current Repair	Future Replacemen	t N	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co FY	st Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts					
Service Equipment	000/	2054 *	* 5	¢100	
Fused Disc Sw	90% Other Observation Extent Moderate	2034	* 5	\$100	
	Other Observation, Extent : Moderate, Location : Electrical Room	Area Ajjeciea . 100/0			
	Explanation : One 1200 Amperes Mai	n Disconnect Switch			
Fused Disc Sw	10%		* 5		
Tused Bise S.	Other Observation, Extent: Moderate,		J		
	Location : Electrical Room	55			
	Explanation: One 200 Amperes Main	Disconnect Switch For	Emergency		
Switchgear / Switchboard					
Fused Disc Sw	100%	2048 *	* 5	\$100	
Raceway	1000/	2040	* 1		
Conduit	100%	2048 *	* 1		
Panelboards Fused Disc Sw	10%	2044 *	* 5		
Molded Case Bkrs	90%		* 5	\$400	
Wiring	7070	2011		Ψτου	
Thermoplastic	100%	2048 *	* 1		
Motor Controllers					
Locally Mounted	100%	2041 *	* 5	\$100	
Ground					
Grounding Devices					
Generic	100%	LIFE *	* 5	\$300	
Lighting					
Interior Lighting	30%	2033 *	* 10	¢5 200	
Fluorescent	T-5 Lamps And Fixtures, Extent: Mode		10	\$5,200	
	Location: Throughout The Building	raic, mea nyjeetea . 100	,,0		
Fluorescent	30%	2033 *	* 10	\$5,200	
Tuorescent	T-8 Lamps And Fixtures, Extent: Mode			Ψ3,200	
	Location: Throughout The Building	, <u>J</u> J			
Fluorescent	40%	2033 *	* 10	\$6,900	
	Other Observation, Extent: Moderate,	Area Affected : 100%		40,500	
	Location: Throughout The Building				
	Explanation: Compact Fluorescent L	amps			
Egress Lighting					
Emergency, Battery	50%	2033	* 10	\$2,300	
Exit, LED	50%	2056 *	* 1		
Exterior Lighting	100%	2022 *	* 10	¢100	
HID A lower	100%	2033 *	* 10	\$100	
Alarm Security System					
No Component	30%				
Generic	70%	2033 *	* 1	\$4,900	
Continu	Other Observation, Extent : Moderate,			Ψ 1,200	
	Location: Throughout The Building				
	Explanation: CCTV Surveillance Can	neras			

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

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

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

Asset #: 14110

Electrical	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm							
Fire/Smoke Detection							
No Component	30%						
Generic, Digital	70%		2033	* *	1-3	\$8,100	

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source Natural Gas	100%		2054	* *	1		
Conversion Equipment Hot Water Boiler	100%		2041	* *	1	\$9,300	
That water Boller	Other Obso Location	ervation, Extent : Light, Area : Basement Boiler Room		: 100%	1	\$9,500	
	Explanat	ion : 1 Unit					
Distribution Hot Wtr Piping/Pump	100%		2044	* *	4	\$1,400	
Terminal Devices	000/		2022	* *		Ø10.500	
Air Handler	90%		2033	* *	1	\$10,500	
Convector/Radiator	10%		2041	T T	1	\$600	
Air Conditioning Energy Source							
Electricity	100%		2050	* *	1		
Conversion Equipment Interior Pkg Unit - Cooling	100%		2029	\$681,800	2	\$1,200	
Heat Rejection Dry Cooler	100%		2033	* *	2	\$13,100	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	**	2-5	\$10,500	
Exhaust Fans							
Interior	70%		2033	* *	2	\$400	
Roof	30%		2033	* *	2	\$200	
Plumbing H/C Water Piping							
Brass/Copper	100%		2054	* *	1		
Water Heater Gas Fired	100%		2026	\$11,100	2	\$300	
Sanitary Piping	10070			\$11,100		45 00	
Cast Iron	100% Malfunctio	Now \$6,700 oning, Extent: Moderate, Are	LIFE a Affecte	* * d : 5%	1		
		: Vent Piping Not Working I					
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
Cast HOII	100%		LIFE		1		

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

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

Asset #: 14110

Mechanical	Current Repair	Future Replac	cement	М	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sump Pump(s)						
Non-Submersible	100%	2033	* *	4	\$600	
Sewage Ejector(s)	<u> </u>		<u>.</u>			
Electric	100%	2033	* *	4	\$1,100	
Backflow Preventer				<u>.</u>		<u>.</u>
Generic	100%	2036	* *	1	\$1,200	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : L	ight, Area Affected : 100%				
	Location: Basement To 1st	Floor				
	Explanation: One Unit					
Fire Suppression						
Standpipe						
Generic	100%	2054	* *	1-5	\$9,500	
Sprinkler						
No Component	70%					
Generic	30%	2054	* *	1-2	\$1,600	

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : CORONA BRANCH LIBRARY

Address : 38-23 104TH ST.

 $Borough \hspace{1cm} : \hspace{1cm} QUEENS \hspace{1cm} Agency's \hspace{1cm} Number \hspace{1cm} : \hspace{1cm} C \\$

Area Sq Ft : 7,080 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 08-Aug-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 1775 Lot : 71 BIN : 4044596

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$87,200
Electrical		\$147,900
Mechanical		\$86,000
Total		\$321,100
Importance Code A		\$87,200
Importance Code B		\$233,900
T 1		0224 400

Total \$321,100

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$24,400			
Interior Architecture	\$800		\$3,600	\$800
Electrical	\$3,700	\$700	\$700	\$7,000
Mechanical	\$1,800	\$500	\$5,100	\$500
Total	\$30,700	\$1,200	\$9,400	\$8,300
Importance Code A	\$24,700	\$400	\$400	\$400
Importance Code B	\$6,000	\$800	\$9,100	\$7,900
Importance Code C				
Total	\$30,700	\$1,200	\$9,400	\$8,300



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

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

Asset #: 13284

* * *	5 5 5-10 5 5 10	\$5,500 \$2,000 \$6,900 \$1,900 \$3,800 \$9,300	Priority
** ** ** 7,200 : 10%	5 5-10 5 5 10	\$2,000 \$6,900 \$1,900 \$3,800 \$9,300	
** ** ** 7,200 : 10%	5 5-10 5 5 10	\$2,000 \$6,900 \$1,900 \$3,800 \$9,300	
** ** ** 7,200 : 10%	5 5-10 5 5 10	\$2,000 \$6,900 \$1,900 \$3,800 \$9,300	
* * * * * * * * * * * * * * * * * * *	5-10 5 5 10	\$6,900 \$1,900 \$3,800 \$9,300	
* * * * * * * * * * * * * * * * * * *	5 5 10	\$1,900 \$3,800 \$9,300	
* * * * 7,200 : 10%	10	\$3,800 \$9,300	
* * 7,200 : 10%	10	\$9,300	
7,200 : 10%	5		
7,200 : 10%	5		
: 10%	5	\$800	
	5	\$800	
* *	5	\$800	
* *	5	\$800	
* *	5	\$800	
* *	5	\$800	
* *	5	\$800	
* *	5	\$800	
* *	5	\$200	
* *	5	\$300	
* *	3	\$3,000	
* *	5	\$2,700	
* *	5	\$200	
* *	5	\$1,200	
* *			
* *			
* *	5	\$7,000	
%			
	5	\$100	
* *			
	**	** ** 5 ** 5	** ** 5 \$7,000

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2024	\$1,500	5	\$200	
	Other Observation, Extent : Moderate,	Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation: Main Service Switch Ro	ited At 400	O Amperes			
Switchgear / Switchboard		•		•		•
Molded Case Bkrs	100%	2024	\$33,500	5	\$200	

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

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

Asset #: 13284

Electrical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Raceway	400/		•••	0.10			
Conduit	40%		2024	\$13,000 * *	1		
Conduit Panelboards	60%		2044		1		
Molded Case Bkrs	40%		2023	\$6,200	5	\$100	
Molded Case Bkrs	60%		2040	**	5	\$100 \$100	
Wiring	0070		20.0			Ψ100	
Braided Cloth		2-4 \$2,900 Aged, Extent : Moderate, And : Basement	2049 rea Affecte	* * ed : 100%	1		
Thermoplastic	90%		2044	* *	1		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
Lighting							
Interior Lighting	50%		2020	\$26.700	10	\$2.200	
Fluorescent		s And Fixtures, Extent : Mod	2029	\$36,700	10	\$3,200	
	_	: Throughout The Building	eraie, me	a ryjeciea . 10070			
Fluorescent	40%		2029	\$29,400	10	\$2,600	
Tuorescent	T-8 Lamps	s And Fixtures, Extent: Mod : Throughout The Building			10	\$2,000	
El .		. Throughout The Buttuing	2020	Φ7.000	1.0	Φ.7.0.0	
Fluorescent	8%	ervation, Extent : Moderate,	2029	\$5,900	10	\$500	
		ervanon, Exiem : Moderaie, : Throughout	Агеи Ајје	eciea . 10070			
		tion : Compact Fluorescent	Light Fixt	ures			
HID	2%		2029	\$1,000	10		
Egress Lighting	270		202)	Ψ1,000	10		
Emergency, Battery	50%		2029	\$4,900	10	\$900	
Exit, LED	50%		2052	* *	1		
Exterior Lighting							
HID	100%		2029	\$27,700	10		
Alarm							
Security System	1000/		2020	Ф22 200		Φ2 (00	
Generic	100%		2029	\$22,200	1	\$2,600	
	Location	ervation, Extent : Moderate, : Throughout The Building		ectea : 100%			
	Explana	tion : CCTV Surveillance Ca	meras				
Fire/Smoke Detection	1000/		2020	\$75 AAA	1.2	¢4.500	
Generic	100%	ervation, Extent : Moderate,	2029	\$75,900	1-3	\$4,500	
	Location	: Throughout The Building					
	Explana	tion : Strobe Lights, Smoke I	Detector A	nd Manual Pull St	ations		

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

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

Asset #: 13284

Mechanical	Current Rep	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source Natural Gas	100%	2044	* *	1		
Conversion Equipment Furnace	100% Other Observation, Exte Location : Roof		\$16,200 : 100%	1	\$3,500	
A in C 414 i	Explanation: 1 Roof T	op Package Unit				
Air Conditioning Energy Source Electricity	100%	2040	**	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%	2029	\$86,000	2	\$400	
indiang cooming	R-22 Refrigerant, Extent Location : Roof	: Light, Area Affected :	100%			
Ventilation Distribution Ductwork/Diffusers	100% Now Insul. Deteriorating, Ext Location: Roof - Wate	==	** ed : 30%	2-5	\$3,900	
Exhaust Fans Roof	100%	2029	\$11,400	2	\$200	
Plumbing	10070	2029	\$11,400		\$200	
H/C Water Piping Brass/Copper	100%	2044	**	1		
Water Heater Gas Fired	100%	2022	\$4,200	2	\$100	
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s) Electric	100%	2024	\$2,000	4	\$400	
Fixtures Generic	100%					
Fire Suppression Sprinkler						
No Component Generic	85% 15%	2034	* *	1-2	\$300	

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

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

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

Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : DOUGLASTON / LITTLE NECK BRANCH LIBRARY

Address : 249-01 NORTHERN BLVD.

Borough : QUEENS Agency's Number : DL

Area Sq Ft : 7,600 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 09-Aug-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 8126 Lot : 87 BIN : 4169275

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$61,500	\$153,800
Electrical		\$160,300
Mechanical	\$156,800	\$129,400
Total	\$218,300	\$443,500
Importance Code A	\$61,500	\$210,600
Importance Code B	\$156,800	\$232,900
Total	\$218,300	\$443,500

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$11,700			
Interior Architecture	\$9,400	\$4,600	\$4,100	
Electrical	\$900	\$700	\$800	\$900
Mechanical	\$1,200	\$800	\$1,500	\$5,300
Total	\$23,100	\$6,100	\$6,500	\$6,200
Importance Code A	\$12,000	\$400	\$400	\$400
Importance Code B	\$11,100	\$5,700	\$5,600	\$5,800
Importance Code C			\$400	
Total	\$23,100	\$6,100	\$6,500	\$6,200



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

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

QUEENS PUBLIC LIBRARY - 039 DOUGLASTON / LITTLE NECK BRANCH LIBRARY

Asset #: 13285

Architecture	Current Rep	pair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls							
Masonry: Brick	100% Now Misaligned/Bulging, Ex. Location: West Facac Painted Surfaces, Exten Location: West Facac Vertical Cracks, Extent	le t : Moderate, Ar le	ea Affect	ed : 25%	5	\$9,800	
	Location : West Facad		a rijjeere.	a. 1070			
Windows							
Aluminum	98%		2040	* *	5	\$400	
Metal Louvers	2%		2033	* *	10	Ψ.00	
Parapets							
Cast Stone/Terra Cotta	5% Now Cracking/Crumbling, Ex Location: Coping				5	\$400	
	Jnt Mortar Miss/Erod, I Location : Coping	Extent : Moderai	e, Area A	Affected : 50%			
Masonry: Brick	92% Now Painted Surfaces, Exten Location: West Parap Spalling, Extent: Mode.	pet			5	\$900	
	Location : East Parap Worn/Eroded, Extent : I Location : East Parap	et Moderate, Area .	Affected :				
Pre-Cast Concrete	3%		LIFE	**	5	\$200	
Roof							
Modified Bitumen	100%		2029	\$153,800	10	\$10,900	
nterior							
Floors	600/		2025	¢00 2 00	2	¢10.200	
Carpet	60% Recent Replace Evident, Location : Throughout		2025 Area Affe	\$90,200 ected : 100%	3	\$10,200	
Cast in Place Concrete	10%		LIFE	* *	5	\$2,500	
Ceramic Tile	5%		2037	* *	5	\$600	
Vinyl Tile	25%		2024	\$25,000	3	\$1,100	
Interior Walls							
Ceramic Tile	5%		2037	* *	5	\$900	
Concrete Masonry Unit	10%		LIFE	* *	5	\$700	
Gypsum Board Masonry: Brick	75% 10%		LIFE LIFE	* *	5	\$7,900	

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

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

QUEENS PUBLIC LIBRARY - 039 DOUGLASTON / LITTLE NECK BRANCH LIBRARY

Asset #: 13285

Architecture		Current R	epair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%			2029	\$4,700	5	\$700	
AcousTileSusp.Lay-In	75%			2041	* *	5	\$8,400	
AcousTileSusp.Lay-In	10%	Now	\$9,400	2044	* *	5	\$600	
	Broken/Mi	ssing Eleme	ents, Extent : Mode	erate, Ar	rea Affected : 25%			
	Location	: Pantry						
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 25%			
	Location	: Pantry			-			
	Staining/D	iscoloring,	Extent : Moderate	, Area A	ffected : 25%			
	Location	0.						
Gypsum Board	10%			LIFE	* *	5	\$1,400	

Electrical		Current Repair	Futur	re Replacement	M	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2034	* *	5	\$200	
		rvation, Extent : Moderate, A	Area Affe	ected : 100%			
		Basement					
	Explanatio	on : Main Service Switch Ra	ted At 40	00 Amperes			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2034	* *	5	\$200	
Raceway							
Conduit	100%		2034	* *	1		
Panelboards							
Fused Disc Sw	20%		2032	* *	5		
Molded Case Bkrs	80%		2032	* *	5	\$200	
Wiring							
Thermoplastic	100%		2034	* *	1		
Motor Controllers							
Locally Mounted	100%		2029	\$15,600	5	\$100	
Ground							
Grounding Devices							
Not Accessible	100%						
Lighting							
Interior Lighting							
Fluorescent	100%		2024	\$78,800	10	\$7,000	
	T-12 Lamps	And Fixtures, Extent: Mod	erate, Ar	ea Affected : 100%	ó		
	Location:	Throughout The Building					
Egress Lighting							
Emergency, Battery	50%		2029	\$5,300	10	\$900	
Exit, Service	50%		2029	\$600	1		
Exterior Lighting							
HID	100%		2024	\$29,700	10		
Alarm							

Alarm

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

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

QUEENS PUBLIC LIBRARY - 039 DOUGLASTON / LITTLE NECK BRANCH LIBRARY

Asset #: 13285

Electrical	Current Repair	Future R	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm						
Security System						
Generic	100%	2024	\$23,800	1	\$2,800	
	Other Observation, Extent: Modera	ate, Area Affecte	d : 100%			
	Location : Throughout The Buildi	ng				
	Explanation: Intrusion Alarm Sys	stem, Motion Sen	isors			
Fire/Smoke Detection						
Generic	100%	2029	\$81,500	1-3	\$4,800	
	Other Observation, Extent: Modera	ate, Area Affecte	d: 100%			
	Location : Throughout The Buildi	ng				
	Explanation: Strobe Lights, Manu	ual Pull Station,	Horns And Smo	oke Detec	ctors	

Mechanical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	ate Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2034	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2029	\$56,800	1	\$3,800	
	Other Observation	ı, Extent : Light, Area	Affected	! : 100%			
	Location: Basen	nent Boiler Room					
	Explanation: 1	Unit					
Distribution							
Hot Wtr Piping/Pump	100%		2032	* *	4	\$600	
Terminal Devices							
Air Handler	70%		2024	\$72,600	1	\$3,300	
Convector/Radiator	30%		2029	\$11,800	1	\$700	
Air Conditioning							
Energy Source							
Electricity	100%		2032	* *	1		
Conversion Equipment							
Int Pkg Unit -	100%		2022	\$156,800	2	\$500	
Heating/Cooling							
	R-22 Refrigerant, Location: Mech	Extent : Light, Area A anical Room	ffected :	100%			
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,200	
Exhaust Fans						, , , , , , , , , , , , , , , , , , , ,	
Interior	100%		2024	\$26,200	2	\$200	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater							-
Gas Fired	100%		2023	\$4,500	2	\$100	

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

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

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QUEENS PUBLIC LIBRARY - 039 DOUGLASTON / LITTLE NECK BRANCH LIBRARY

Asset #: 13285

Mechanical	Current Repair	Future Re	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Esti FY	imated 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%	2024	\$1,100	4	\$200		

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : EAST ELMHURST BRANCH LIBRARY

Address : 95-05 ASTORIA BLVD.

Borough : QUEENS Agency's Number : EE

Area Sq Ft : 7,834 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 02-Aug-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1375 Lot : 1 BIN : 4032625

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$800		\$22,000	
Interior Architecture	\$300	\$7,700	\$4,100	\$600
Electrical	\$1,800	\$700	\$8,000	\$13,300
Mechanical	\$600	\$500	\$5,900	\$500
Total	\$3,500	\$8,900	\$39,900	\$14,400
Importance Code A	\$1,200	\$400	\$22,400	\$400
Importance Code B	\$2,300	\$7,800	\$17,600	\$14,000
Importance Code C		\$700	·	
Total	\$3,500	\$8,900	\$39,900	\$14,400



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

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

QUEENS PUBLIC LIBRARY - 039 EAST ELMHURST BRANCH LIBRARY

Asset #: 13286

Architecture		Current Ro	epair	Future Replacement		Maintenance		
system Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$13,800	
Window Wall	15%			2044	* *	5	\$9,100	
Windows								
Aluminum	100%			2040	* *	5	\$1,500	
Roof								
Modified Bitumen	100%			2032	* *	10	\$22,000	
		place Eviden : Througho	nt, Extent : Light, ut	Area Aff	ected : 100%			
terior								
Floors								
Carpet	70%			2025	\$108,500	3	\$12,300	
		place Eviden : Througho	nt, Extent : Light, ut	Area Aff	ected : 100%			
Cast in Place Concrete	5%			LIFE	* *	5	\$1,300	
Ceramic Tile	5%			2033	* *	5	\$600	
Vinyl Tile	20%			2032	* *	3	\$1,200	
,	Recent Re	place Eviden	t, Extent : Light,	Area Aff	ected : 100%		. ,	
	Location	: Througho	ut					
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$500	
Folding Partition	5%			2046	* *	5	\$1,500	
Glass: Single Pane	10%			LIFE	* *	5	\$900	
Gypsum Board	75%			LIFE	* *	5	\$5,200	
	Recent Re	place Eviden	t, Extent : Light,	Area Aff	ected : 100%			
	Location	: Througho	ut					
Ceilings								
AcousTileConcealSpLn	95%			2041	* *	5	\$13,900	
•		place Eviden	t, Extent : Light,	Area Aff	ected : 100%		•	
	Location	: Througho	ut					
Exposed Struc: Steel	5%			LIFE	* *			

Electrical	Current Repair	Future Re	eplacement	Maintenance			
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	100%	2024	\$1,500	5	\$200		
	Other Observation, Extent: Mode	erate, Area Affectea	l : 100%				
	Location : Electrical Room						
	Explanation : Main Service Swi	tch Rated At 400 Ai	mperes				
Switchgear / Switchboard							
Molded Case Bkrs	100%	2024	\$33,500	5	\$200		
Raceway							
Conduit	80%	2024	\$26,000	1			
Conduit	20%	2034	* *	1			

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

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

QUEENS PUBLIC LIBRARY - 039 EAST ELMHURST BRANCH LIBRARY

Asset #: 13286

Electrical	Current Repair	Future Rep	olacement	M	aintenance		
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Panelboards							
Molded Case Bkrs	80%	2023	\$12,400	5	\$200		
Molded Case Bkrs	20%	2032	* *	5			
Wiring	0.00 (•••					
Thermoplastic	80%	2024	\$23,000	1			
Thermoplastic	20%	2034	* *	1			
Ground							
Grounding Devices Generic	100%	LIFE	* *	5	\$100		
	100%	LIFE		3	\$100		
Lighting Interior Lighting							
Fluorescent	80%	2032	* *	10	\$5,700		
ruorescent	T-5 Lamps And Fixtures, Exte		cted · 100%	10	\$5,700		
	Location: Throughout The		cica : 10070				
Fluorescent	5%	2032	* *	10	\$400		
Tuorescent	Other Observation, Extent : M.		100%	10	Φ+ 00		
	Location: Throughout The		100/0				
	Explanation : Compact Fluc	=					
Fluorescent	15%	2032	* *	10	\$1,100		
Tuorescent	T-8 Lamps And Fixtures, Exte		cted : 100%	10	φ1,100		
	Location : Throughout The						
Egress Lighting							
Emergency, Battery	20%	2024	\$2,200	10	\$400		
Exit, Service	80%	2020	\$900	1			
Exterior Lighting							
HID	100%	2032	* *	10			
Alarm							
Security System							
Generic	100%	2032	* *	1	\$2,900		
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location: Throughout The	_					
	Explanation: CCTV Surveil	lance Cameras					
Fire/Smoke Detection	1000/	2022	a. a		* - ^ -		
Generic	100%	2032	* *	1-3	\$5,000		
	Other Observation, Extent: N		100%				
	Location: Throughout The	_	4 10	1 D :			
	Explanation : Strobe Lights,	Manual Pull Station, He	orns And Smo	ke Detec	rtors		

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

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

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

QUEENS PUBLIC LIBRARY - 039 EAST ELMHURST BRANCH LIBRARY

Asset #: 13286

Mechanical	Current Re	rrent Repair Future Re		e Replacement	Maintenance		
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Conversion Equipment	4000/					4.000	
Furnace	100%		2032	**	1	\$3,900	
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location : Roof						
T : 1D :	Explanation: 1 Roof	Top Package Uni	t				
Terminal Devices	200/		2027	* *	1	Φ000	
Convector/Radiator	30%		2037	7 7	1	\$800	
No Component	70%						
Air Conditioning							
Energy Source Electricity	100%		2040	* *	1		
Conversion Equipment	10070		2040		1		
Ext Pkg Unit -	100%		2032	* *	2	\$500	
Heating/Cooling	10070		2032		2	\$300	
Treating/Cooming	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location : Roof	218,11, 21	1990000	. 100,0			
	Explanation : 1 Roof	Top Package Uni	t, R-41	0a Refrigerant			
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,400	
Exhaust Fans							
Roof	100%		2032	* *	2	\$200	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2044	* *	1		
Water Heater							
Gas Fired	100%		2022	\$4,600	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures	1000/						
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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : EAST FLUSHING BRANCH LIBRARY

Address : 196-36 NORTHERN BLVD.

Borough : QUEENS Agency's Number : EF

Area Sq Ft : 6,250 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 19-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 5520 Lot : 18 BIN : 4124564

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Interior Architecture	\$70,500	\$70,000
Electrical		\$131,800
Mechanical	\$114,700	
Total	\$185,300	\$201,900
Importance Code A	\$46,700	
Importance Code B	\$138,500	\$201,900
Total	\$185,300	\$201,900

Total	\$14,100	\$3,200	\$38,800	\$16,800
Importance Code C				\$200
Importance Code B	\$7,100	\$2,900	\$20,900	\$16,300
Importance Code A	\$7,000	\$300	\$17,800	\$300
Total	\$14,100	\$3,200	\$38,800	\$16,800
Mechanical	\$600	\$1,700	\$5,000	\$1,700
Electrical	\$6,500	\$600	\$16,200	\$14,700
Interior Architecture		\$1,000		\$500
Exterior Architecture	\$7,000		\$17,500	
EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023



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

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

QUEENS PUBLIC LIBRARY - 039 EAST FLUSHING BRANCH LIBRARY

Asset #: 13287

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	\$9,400	
			Extent: Light, A	rea Affe	cted : 25%			
	Location	: Throughou	ıt					
Window Wall	10%			2044	* *	5	\$3,900	
Windows								
Aluminum	100%			2040	* *	5	\$2,500	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	\$1,000	
Masonry: Limestone	5%			LIFE	* *	5	\$100	
		pair Evident, e: Coping	Extent : Light, A	rea Affe	cted : 25%			
Metal: Cage/Fence	20%	Now	\$5,700	2044	* *	5	\$900	
3	Broken/M	issing Eleme	nts, Extent : Seve		Affected : 10%	-	***	
		: South Fac						
	Corrosion	/Rusting, Ext	ent : Moderate, A	Area Affe	cted : 50%			
		: South Fac		33				
Roof								
Modified Bitumen	100%			2032	* *	10	\$17,500	
		place Eviden : Throughou	t, Extent : Light, ut	Area Aff	ected : 100%			
nterior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$2,000	
Ceramic Tile	5%			2033	* *	5	\$500	
Vinyl Tile	85%			2024	\$70,000	3	\$3,000	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	\$400	
Concrete Masonry Unit	32%			LIFE	* *	5	\$1,900	
Glass: Single Pane	10%			LIFE	* *	5	\$1,100	
Gypsum Board	55%			LIFE	* *	5	\$4,900	
Ceilings								
AcousTileSusp.Lay-In	90%	4+	\$70,500	2044	* *	5	\$4,200	
			Extent : Moderate	, Area A	ffected : 25%			
		: Throughou						
			Light, Area Affed	eted : 259	%			
	Location	: Throughor	ut					
Exposed Struc: Steel	10%			LIFE	* *			

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

Under 600 Volts

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

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

QUEENS PUBLIC LIBRARY - 039 EAST FLUSHING BRANCH LIBRARY

Asset #: 13287

Electrical		Current Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•		•				
Service Equipment							
Molded Case Bkrs	Location	ervation, Extent : Moderate, . : Electrical Room ion : No Ratings Available	2024 Area Affe	\$1,500 ected : 100%	5	\$200	
Switchgear / Switchboard Molded Case Bkrs	100%		2024	\$33,500	5	\$200	
Raceway							
Conduit	100%		2024	\$32,500	1		
Panelboards							
Molded Case Bkrs	90%		2023	\$13,900	5	\$100	
Molded Case Bkrs	10%		2040	* *	5		
Wiring Braided Cloth	20% Insulation	2-4 \$5,700 Aged, Extent : Moderate, Are	2049 ea Affecte	* * ed : 100%	1		
	Location	: Electrical Room					
Thermoplastic	80%		2024	\$23,000	1		
Motor Controllers	0070			\$25,000			
Locally Mounted	100%		2022	\$15,600	5		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
Lighting							
Interior Lighting							
Fluorescent	100%		2024	\$64,800	10	\$5,700	
	_	os And Fixtures, Extent: Mod : Throughout The Building	erate, Ai	ea Affected : 100%	ó		
Egress Lighting							
Emergency, Battery	50%		2029	\$4,400	10	\$800	
Exit, Service	50%		2029	\$500	1		
Exterior Lighting	1000/		2024	#24.400	1.0		
HID	100%		2024	\$24,400	10		
Alarm							
Security System Generic	100%		2029	\$19,600	1	\$2,300	
Generic	Other Obs Location	ervation, Extent : Moderate, . : Throughout The Building tion : Intrusion Alarm Only		· ·	1	Ψ2,300	
Fire/Smoke Detection							
Generic	Location	ervation, Extent : Moderate, . : Throughout The Building tion : Smoke Detector, Strobe			1-3	\$4,000	

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

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

QUEENS PUBLIC LIBRARY - 039 EAST FLUSHING BRANCH LIBRARY

Asset #: 13287

Mechanical		Current F	Repair	Futur	e 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	\$46,700	2044	**	1	\$2,800	
			Extent : Severe, An	rea Affec	ted : 100%			
	Location	: One Uni	t In Boiler Room					
Distribution (P.	1000/			20.40	* *	4	Φ.7.0.0	
Hot Wtr Piping/Pump	100%			2040	* *	4	\$500	
Terminal Devices	400/			2027	* *	1	Φ000	
Convector/Radiator	40%			2037	***	1	\$800	
No Component	60%	amustion E	xtent : Light, Area	Affaatad	1.00/			
		ervanon, E : ACUnits	xieni : Ligni, Area	Ајјестеа	.: 0%			
			andler Is Covered	IIndon A	C Section			
Air Conditioning	Ехрійни	ion . Aii 11	anaier is Covered	Onuel A	C Section			
Energy Source								
Electricity	100%			2040	* *	1		
Terminal Devices	10070			20.0		-		
Air Handler/Cool/Ht	100%			2020	\$68,000	1	\$3,900	
Heat Rejection					400,000		42,522	
Air Cooled Condenser	100%			2029	\$12,200	2	\$4,400	
Unit					. ,		. ,	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$3,500	
Exhaust Fans								_
Roof	10%			2029	\$1,000	2		
No Component	90%							
Plumbing								
H/C Water Piping	1000/			• • • • •	ate at			
Brass/Copper	100%			2044	* *	1		
Water Heater	1000/			2022	#2.5 00		#100	
Gas Fired	100%			2022	\$3,700	2	\$100	
Sanitary Piping	1000/			LIEE	* *	1		
Cast Iron	100%			LIFE	ጥ ጥ	1		
Storm Drain Piping	1000/			LIPP	* *	1		
Cast Iron	100%			LIFE	* *	1		
Fixtures	1000/							
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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : ELMHURST BRANCH LIBRARY Address : 86-01 BROADWAY @51 ST AVE.

Borough : QUEENS Agency's Number : E
Program / Asset # : QPL0006.000 / 14553 Yr Built/Renovated :

Area Sq Ft : 31,436 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 28-Nov-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 1837 Lot : 1 BIN : 4045226

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$291,300	\$361,900
Interior Architecture	\$38,700	
Mechanical		\$972,800
Total	\$330,000	\$1,334,700
Importance Code A	\$291,300	\$361,900
Importance Code B		\$972,800
Importance Code C	\$38,700	
Total	\$330,000	\$1,334,700

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$43,400	\$6,900		
Interior Architecture	\$98,700		\$32,300	
Electrical	\$2,100	\$900	\$1,200	\$900
Mechanical	\$26,400	\$6,000	\$14,600	\$4,600
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$178,500	\$21,600	\$56,000	\$13,400
Importance Code A	\$55,200	\$8,400	\$1,600	\$1,600
Importance Code B	\$107,200	\$13,200	\$54,400	\$11,800
Importance Code C	\$16,100			
Total	\$178,500	\$21,600	\$56,000	\$13,400



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

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

QUEENS PUBLIC LIBRARY - 039 ELMHURST BRANCH LIBRARY

Asset #: 14553

Architecture		Current Repair	Futur	re Replacement	M	aintenance		
System	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority	
Component Type	Total	(Years)	FY		(Yrs)			
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	50%		LIFE	* *	5	\$509,200		
Masonry: Brick	5%		LIFE	* *	5	\$6,500		
Metal, Corrugated	5%		2055	* *	1	ψ0,500		
Metal Panel	10%		2055	* *	5-10	\$44,800		
Window Wall	30%		2055	* *	5	\$73,300		
Windows	2070					<i>\$12,200</i>		
Aluminum	100%		2051	* *	5	\$8,200		
Parapets						* - ,		
Cast Stone/Terra Cotta	20%		LIFE	* *	5-10	\$22,100		
Concrete Masonry Unit	70%		LIFE	* *	5-10	\$15,000		
Metal Rail	10%		2046	* *	5-10	\$7,000		
Roof						· · · · · · · · · · · · · · · · · · ·		
Green, Roof Inaccessible	20%		LIFE	* *				
IRMA/Protected	80%		2037	* *	10	\$70,600		
Membrane								
Soffits								
Metal Panel	100%		2055	* *	5-10			
Interior								
Floors								
Cast in Place Concrete	30%		LIFE	* *	5	\$61,800		
Sheet Vinyl/Rubber	55%		2037	* *	5	\$38,800		
Wood	15%		2064	* *	5	\$13,200		
Interior Walls								
Cast Stone/Terra Cotta	2%		LIFE	* *	10	\$3,500		
Folding Partition	1%		2045	* *	5	\$1,200		
Gypsum Board	75%		LIFE	* *	5-10	\$59,800		
Masonry: Brick	2%		LIFE	* *	10	\$300		
Metal Panel	10%		LIFE	* *	10	\$2,100		
Plywood/Hardboard	5%		LIFE	* *	10	\$200		
		ervation, Extent : Light, Area	ı Affected	l : 100%				
		: Throughout						
	Explana	tion : Composite Plastic Prod						
Wood	5%		LIFE	* *	5	\$18,800		
Ceilings								
AcousTileSusp.Lay-In	55%		2042	* *	5	\$25,900		
Exposed Struc: Steel	5%		LIFE	* *	10	\$4,700		
Gypsum Board	20%		LIFE	* *	5-10	\$32,300		
Metal Panel	10%		LIFE	**	5	\$11,800		
Plywood/Hardboard	5%		2055	* *	1			
		ervation, Extent : Light, Area						
		: Interior Entrances To Libra	-					
		tion : Composite Plastic Mate	erial Used	d As Soffits				
Wood	5%		LIFE	* *	5	\$41,200		
Site Enclosure								
Fence/Gates								
Iron Picket	100%		2073	* *				

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

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

QUEENS PUBLIC LIBRARY - 039 ELMHURST BRANCH LIBRARY

Asset #: 14553

Architecture		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure							
Free Standing Walls							
Cast in Place Concrete	100%		2073	* *			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2042	* *			
On-Site Walkways							
Cast in Place Concrete	90%		2046	* *			
Pavers/Stone	10%		2042	* *			
Activity Yard							
Pavers/Stone	100%		2038	* *			

Electrical	C	urrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Estimated Cost (ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•		•				
Service Equipment							
Fused Disc Sw	100%		2049	* *	5	\$100	
	Other Observe	ation, Extent : Light, Area	Affected	: 100%			
	Location : E	lectrical Room					
	Explanation	: One 2500 Amperes Mai	n Service	Switch			
Switchgear / Switchboard							
Fused Disc Sw	10%		2049	* *	5		
Molded Case Bkrs	90%		2055	* *	5	\$700	
Raceway							
Conduit	100%		2049	* *	1		
Panelboards							
Fused Disc Sw	10%		2045	* *	5	\$100	
Molded Case Bkrs	90%		2045	* *	5	\$700	
Wiring							
Thermoplastic	100%		2049	* *	1		
Motor Controllers							
Locally Mounted	100%		2042	* *	5	\$200	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$900	
Lighting							
Interior Lighting							
Fluorescent	95%		2034	* *	10	\$27,400	
	T-8 Lamps An	d Fixtures, Extent : Light,	Area Afj	fected : 100%			
	Location: T	hroughout					
Fluorescent	5%		2034	* *	10	\$1,400	
racrescent	_	orescent Light, Extent : Lig		Affected: 100%	10	ψ1,100	
	Location : T		, ,	55			
Egress Lighting							
Emergency, Battery	50%		2029	\$22,000	10	\$3,800	
Exit, LED	50%		2057	**	1	4-,-00	

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

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

QUEENS PUBLIC LIBRARY - 039 ELMHURST BRANCH LIBRARY

Asset #: 14553

Electrical	Current Repair Future Replacement Maintenance		Current Repair Future Replacement Ma		aintenance		
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Lighting							
Exterior Lighting							
Fluorescent	20%	2034	* *	10	\$600		
LED	2%	2034	* *				
	Other Observation, Extent : L	ight, Area Affected : 100%	Ó				
	Location: 2nd Floor Media	Center					
	Explanation: LED Lighting	Observed					
No Component	78%						
Alarm							
Security System							
No Component	70%						
Generic	30%	2034	* *	1	\$3,500		
Fire/Smoke Detection			•			•	
No Component	70%						
Generic, Digital	30%	2034	* *	1-3	\$5,800		

Mechanical		Current l	Repair	Futur	e 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%			2049	* *	1		
Conversion Equipment								
Hot Water Boiler		Now	\$11,800	2034	* *	1	\$14,000	
			nt : Severe, Area A	ffected :	100%			
		: Basemer	•					
			Extent : Moderate, A	Area Affe	ected : 100%			
	Location	: Basemer	nt .					
	Explanat	ion : No M	akeup Air Or Vent	ilation Ir	า Mechanical Roon	ı		
Distribution								
Hot Wtr Piping/Pump	100%			2037	* *	4	\$2,300	
Terminal Devices								
Air Handler	100%			2029	\$428,800	1	\$19,400	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Ext Pkg Unit -	80%			2029	\$305,400	2	\$1,500	
Heating/Cooling								
Split Unit	20%			2029	\$130,200			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$51,100	
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	\$5,600	
No Component	80%							

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

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

Asset #: 14553

Mechanical	Chanical Current Repair Future Replacem		Replacement	ent Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Exhaust Fans						
Interior	100%	2029	\$108,500	2	\$1,000	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2039	* *	1		
Water Heater						
Gas Fired	100%	2024	\$18,600	2	\$500	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s)						
Electric	100%	2029	\$8,800	4	\$1,900	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Light,	Area Affected :	100%			
	Location : All Floors					
	Explanation: 2 Elevators					
Escalators						
Not Accessible	100%					
Fire Suppression Sprinkler						
No Component	50%					
Generic	50%	2049	* *	1-2	\$4,400	

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : FLUSHING BRANCH LIBRARY

Address : 41-17 MAIN STREET @ KISSENA BLVD.

Borough : QUEENS Agency's Number : F
Program / Asset # : QPL0002.000 / 4200 Yr Built/Renovated : 1998 /

Area Sq Ft : 58,353 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 14-Dec-2017 Landmark Status : NONE

Areas Surveyed : Basement, Sub Basement, Roof, Floors 1,3

Block : 5043 Lot : 11 BIN : 4114282

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$39,300	\$648,900
Interior Architecture	\$299,800	\$232,000
Electrical		\$526,900
Mechanical		\$2,728,400
Total	\$339,100	\$4,136,100
Importance Code A	\$39,300	\$648,900
Importance Code B	\$234,700	\$3,451,800
Importance Code C	\$65,100	\$35,500
Total	\$339,100	\$4,136,100

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$38,100		\$23,500	
Interior Architecture	\$88,200		\$23,500	\$4,900
Electrical	\$10,900	\$5,800	\$9,000	\$5,800
Mechanical	\$57,600	\$20,800	\$33,000	\$19,600
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$202,700	\$34,500	\$96,900	\$38,200
Importance Code A	\$41,000	\$2,900	\$26,400	\$2,900
Importance Code B	\$126,500	\$31,600	\$70,500	\$32,800
Importance Code C	\$35,200			\$2,500
Total	\$202,700	\$34,500	\$96,900	\$38,200



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

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

Asset #: 4200

Architecture		Current I	Repair	Futui	re Replacement	M	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost		Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)		
Exterior	1			<u> </u>				
Exterior Walls								
Masonry: Brick	20%			LIFE	* *	5	\$18,600	
Metal/Glass Curt Wall	45%			LIFE	* *	5	\$78,600	
Metal Panel	3%			2049	* *	5-10	\$9,600	
Metal Coiling Doors	3%			2042	* *	5	\$4,400	
Granite Panels	27%			LIFE	* *	5	\$18,900	
Window Wall	2%			2049	* *	5	\$3,500	
Windows								
Aluminum	98%			2045	* *	5	\$22,200	
Metal Louvers	2%			2038	* *	10	\$2,800	
Parapets								
Masonry: Brick	5%			LIFE	* *	5-10	\$1,900	
Metal/Glass Curt Wall	50%			2049	* *	5	\$10,800	
Metal Rail	35%			2042	* *	5-10	\$35,100	
Granite Panels	10%		\$6,700	LIFE	* *	5	\$600	
			d, Extent : Moderat	e, Area	Affected : 50%			
		: Coping						
•	_		ed, Extent : Modera	te, Area	Affected: 50%			
	Location	: Coping						
Roof								
Built-Up (BUR)	90%			2029	\$569,100	10	\$40,500	
Plaza Roof: Stone Panels	8%			2049	* *			
Skylight, Plastic	2%			2042	* *	1		
Soffits	400/			20.40	* *	5 10		
Metal Panel	40%			2049	* *	5-10		
Stucco Cement	60%			2042	* *	5		
Interior								
Floors	200/			2020	¢2.4 <i>C</i> .400	2	¢20.200	
Carpet	30%			2028	\$346,400	3	\$39,300	
Cast in Place Concrete Ceramic Tile	10% 5%			LIFE 2038	* *	5 5	\$38,200	
					* *	5 5	\$4,400	
Granite Panels	30% 18%			LIFE	* *	_	\$39,300	
Vinyl Tile	18% 2%	Now	\$4.600	2034 2034	* *	3	\$5,900 \$700	
Vinyl Tile			\$4,600 tent : Moderate, Ai			3	\$700	
•			ieni . Moderdie, Ai On Main Stairs	ей Ајјес	iea . 2070			
,			: Moderate, Area	Affected	. 20%			
			n Main Stairs	шестей	. 2070			
Wood	5%		IIIIIII JIIIII J	2057	* *		\$0.200	
Wood Interior Wells	3%			203/		5	\$8,200	
Interior Walls	5 0/			2020	* *	5	¢4 000	
Ceramic Tile	5%			2038	* *	5	\$4,900	
Classe Single Page	15%			LIFE	* *	5	\$11,800	
Glass: Single Pane	10%			LIFE	* *	5	\$14,800	
Gypsum Board	60%			LIFE	* *	5-10	\$100,600	
Metal Panel	5%			LIFE	* *	10	\$2,200	
Wood	5%			LIFE	-1· · ·	5	\$39,400	

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

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

Asset #: 4200

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	10%		2042	* *	5	\$8,700	
Exposed Concrete	10%		LIFE	* *	5-10	\$10,900	
Gypsum Board	20%		LIFE	* *	5-10	\$60,000	
Metal Panel	15%		LIFE	* *	5	\$32,800	
	Other Obs	ervation, Extent : Light, Area	a Affected	! : 100%			
	Location	: Corridors					
	Explanat	tion : Suspension Panels					
Metal Panel	25%		LIFE	* *	5	\$54,600	
Wood	20%		LIFE	* *	5	\$305,700	
Site Enclosure							
Retaining Walls							
Masonry: Fieldstone	100%		2049	* *			
	Other Obs	ervation, Extent : Light, Ared	a Affected	! : 100%			
	Location	: Planter Area By Entry					
	Explanat	tion : This Is Actually Granit	e Clad W	alls			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2034	* *			
On-Site Walkways							
Masonry: Granite	100%		LIFE	* *			

lectrical	Current Repair	Future Repla	acement	M	aintenance	
rstem Component Type	% of Fail Date Estimated Co Total (Years)	Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	50%	2049	* *	5	\$100	
	Other Observation, Extent : Light, A Location : Electrical Room	rea Affected : 100%	ó			
	Explanation: One 4000 Ampere M	lain Disconnect Swi	itch			
Fused Disc Sw	50%	2049	* *	5	\$100	
	Other Observation, Extent : Light, A Location : Electrical Room	rea Affected : 100%	ő			
	Explanation: One 400 Ampere Mo	iin Disconnect Swite	ch For Eme	rgency		
Transformers						
Dry Type	100%	2042	* *	5	\$200	
	Other Observation, Extent : Light, A	rea Affected : 100%	ó			
	Location: 3rd Floor Mechanical I	Room				
	Explanation: Two 75 Kilovolt-am	pere, 208v Pri - 480	/266v Sec			
Switchgear / Switchboard						
Fused Disc Sw	100%	2049	* *	5	\$300	
Raceway						
Conduit	100%	2049	* *	1		

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

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

Asset #: 4200

Electrical	Current R	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	·		-				
Panelboards							
Fused Disc Sw	10%		2045	* *	5	\$100	
Molded Case Bkrs	90%		2045	* *	5	\$1,400	
Wiring	100%		2049	* *	1		
Thermoplastic Motor Controllers	100%		2049		1		
Locally Mounted	10%		2042	* *	5		
Motor Control Center	90%		2042	* *	5	\$1,400	
Ground						4-,	
Grounding Devices							
Generic	100%		LIFE	* *	5	\$1,700	
Stand-by Power							
Transfer Switches	1000/		20.42	ماد ماد		#10.000	
Automatic	100%		2042	* *	1	\$18,000	
Generators Diesel	100% Now	\$2.800	2032	* *	1	\$20,300	
Diesei	Not in Service, Extent	\$3,800 : Moderate Area			1	\$20,300	
	Location : Rooftop	. Moderate, med	ryjeereu	. 370			
	Other Observation, E.	xtent : Moderate. 1	Area Affe	cted : 100%			
	Location : Roof	,	35				
	Explanation : One 2	30 Kilowatt Does	Not Oper	ate Due To Fuel I	Leak		
Batteries							
Lead/Acid	100%		2022	\$1,600	5	\$2,200	
Fuel Storage		****		di di	_		
Day Tank	50% Now	\$900	2037	**	5	\$2,700	
	Other Observation, E. Location : Roof	xtent : Lignt, Area	Ајјестеа	: 3%			
	Explanation: 75 Ga	ıllon Tank Leaks					
Main Tank	50%	mon Tank Leaks	2057	* *	5	\$900	
Iviani Tank	Other Observation, E.	rtent · Light Area		. 95%	3	\$900	
	Location : Basemen	_	Пуссиси	. 2570			
	Explanation: 3000						
Lighting							
Interior Lighting							
Fluorescent	80%		2029	\$484,100	10	\$42,800	
	Other Observation, E.		Affected	: 100%			
	Location : Through						
	Explanation: T-8 Lo	amps					
Fluorescent	18%		2034	**	10	\$9,600	
	Compact Fluorescent		ght, Area	Affected : 100%			
	Location: Throughout	out The Building					
Incandescent	2%		2034	* *	2		
Egress Lighting	600/		2024	ساد رائ			
Emergency, Service	60%		2034	* *	1		
Exit, LED	40%		2057	* *	1		

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

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

\$2,900

4

QUEENS PUBLIC LIBRARY - 039 FLUSHING BRANCH LIBRARY

Asset #: 4200

Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ighting	•							
Exterior Lighting	-0.					4.0	4.00	
Fluorescent	5%	G1		2034	**	10	\$300	
		Auorescent : Outside l	Light, Extent : Lig	ht, Area	Affected: 100%			
		: Ouisiae i	rerimeier	2021	di di	1.0		
HID	15%			2034	* *	10		
No Component	80%							
larm								
Security System No Component	65%							
Generic	35%			2034	* *	1	\$7,600	
Fire/Smoke Detection	3370			2031		-	Ψ1,000	
No Component	70%							
Generic, Digital	30%			2034	* *	1-3	\$10,800	
							4 - 0,000	
l echanical		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating								
Energy Source								
Interruptible Gas/Dual	100%			2039	* *	1		
Fuel								
Conversion Equipment	1000/			2024	יט יט		#20.000	
Hot Water Boiler	100%	P		2034	**	1	\$28,900	
			xtent : Light, Area t Boiler Room	Affected	: 100%			
			ı вонег коот ts - Providing Chil	led Wate	or Also			
Distribution	Ехрини	non . 2 Oni	is - I roviding Chil	ieu waie	er Also			
Hot Wtr Piping/Pump	100%			2037	* *	4	\$4,300	
Terminal Devices	10070			2037			Ψ1,500	
Air Handler	60%			2029	\$477,500	1	\$21,700	
Convector/Radiator	30%			2034	**	1	\$5,700	
Unit Heater - Steam	10%			2024	\$20,200	4	\$800	
ir Conditioning					· · · · · · · · · · · · · · · · · · ·		·	
Energy Source								
Natural Gas	100%			2039	* *	1		
Conversion Equipment								
Absorption	99%			2029	\$1,160,100	1	\$62,500	
Chiller/Direct Fire								
			xtent : Light, Area	Affected	! : 100%			
			oom, Basement					
			nbination Heater -					
Split Unit	1%			2029	\$12,100			

2039

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

100%

Distribution

CW & CHW Wtr

Pipe/Pump

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

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

Asset #: 4200

Mechanical	Current Repa	air	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Terminal Devices							
Air Handler/Cool/Ht	100%		2029	\$634,800	1	\$36,100	
Heat Rejection	1000/ 31	#21 5 00	2027	#214 000	2	#47 000	
Water Cooling Tower	100% Now	\$21,500	2027	\$214,800	2	\$47,000	
	Damaged, Extent: Severe Location: Roof Polyvin						
	Other Observation, Exten	-	_	. 100%			
	Location : Roof	ıı . Lıgııı, Area	Ајјестеи	. 100/0			
	Explanation: 2 Units						
Ventilation	Experience : 2 Onns						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$51,500	
Exhaust Fans							
Interior	95%		2029	\$191,300	2	\$1,700	
Roof	5%		2029	\$4,700	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2039	* *	1		
Water Heater							
Electric	100%		2024	\$49,900	4	\$500	
	Other Observation, Exten	_	Affected	: 100%			
	Location : Boiler Room						
G : B:	Explanation: 2 Units						
Sanitary Piping	100%		LIFE	* *	1		
Cast Iron	10070		LIFE		1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
Sewage Ejector(s)	10070		LIFE		1		
Electric	100%		2029	\$16,300	4	\$3,500	
Backflow Preventer	10070		2027	ψ10,500		ψ3,300	
No Component	50%						
rio component	Other Observation, Exten	t : Light, Area	Affected	: 0%			
	Location : Water Service		00				
	Explanation : Domestic	Service					
Generic	50%		2029	\$7,200	1	\$1,800	
30110110	Other Observation, Exten	t : Light, Area			-	Ψ1,000	
	Location : 1st Floor Spi	_	00				
	Explanation : Fire Serv	ice					
Fixtures	-						
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
	Other Observation, Exten	_	Affected	: 100%			
	Location: C, M, L, 1st						
	Explanation: Two Unit	S					

Fire Suppression

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

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

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

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QUEENS PUBLIC LIBRARY - 039 FLUSHING BRANCH LIBRARY

Asset #: 4200

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Fire Suppression Sprinkler Generic	100%	2049 **	1-2 \$16,400	

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

Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : FOREST HILLS BRANCH LIBRARY

Address : 108-19 71ST AVE.

Borough : QUEENS Agency's Number : FH

Area Sq Ft : 21,941 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 28-Nov-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2223 Lot : 54 BIN : 4052345

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$224,200	
Electrical		\$298,100
Mechanical		\$284,200
Total	\$224,200	\$582,400
Importance Code A	\$224,200	
Importance Code B		\$582,400
Total	\$224,200	\$582,400

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$22,700			
Interior Architecture	\$62,300	\$13,800	\$3,300	
Electrical	\$19,800	\$600	\$900	\$1,000
Mechanical	\$17,800	\$6,300	\$13,200	\$5,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$126,500	\$24,700	\$21,400	\$10,600
Importance Code A	\$23,800	\$1,100	\$1,100	\$1,100
Importance Code B	\$66,500	\$23,600	\$18,900	\$9,500
Importance Code C	\$36,300		\$1,500	
Total	\$126,500	\$24,700	\$21,400	\$10,600



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

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

Asset #: 13290

Architecture	Current Repair Future Replacement Maintenance					aintenance		
System Component Type		Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	020/	N T	¢177.400	LIEE	* *	-	#20 400	
Masonry: Brick	Location : Vertical Cra	Cracks, Exte Main Entro	: Moderate, Are		cted : 10%	5	\$28,400	
Masonry: Limestone	Cracking/California Control Co	Window Si			-	5	\$1,300	
		Miss/Erod, 1 Window Si	Extent : Modera lls	te, Area 1	Affected : 50%			
Granite Panels	3%			LIFE	* *	5	\$1,600	
Window Wall	10%			2039	* *	5	\$13,000	
Windows	10,0						\$12,000	
Aluminum	97%			2045	* *	5	\$2,100	
Metal Louvers	3%			2038	* *	10	\$400	
Parapets							· · · · · · · · · · · · · · · · · · ·	
Masonry: Brick	-	4+ stent : Mode Throughou	\$46,800 erate, Area Affec	LIFE ted : 20%	* *	5	\$3,900	
	Worn/Erode	_	Moderate, Area	Affected	: 20%			
Pre-Cast Concrete	5%			LIFE	* *	5	\$2,600	
Roof Modified Bitumen		allation, Ext Throughou	ent : Light, Arec	2037 a Affectea	**!: 100%	10	\$23,800	
Soffits			·					
Cast in Place Concrete	100%			LIFE	* *	5		
Interior Floors								
Carpet	50%			2030	* *	3	\$23,100	
Cast in Place Concrete	7%			LIFE	* *	5	\$9,400	
Ceramic Tile	3%			2042	* *	5	\$900	
Terrazzo	5%			LIFE	* *	5	\$2,400	
Vinyl Tile	35%			2034	* *	3	\$4,000	
Interior Walls							\$.,000	
Ceramic Tile	5%			2042	* *	5	\$2,900	
Concrete Masonry Unit	25%			LIFE	* *	5	\$11,700	
Gypsum Board	25%			LIFE	* *	5-10	\$24,900	
Plaster	40%			LIFE	* *	5-10	\$19,900	
SGFT/Glazed Masonry	5%			LIFE	* *	10	\$1,500	
Ceilings								
AcousTileSusp.Lay-In	40%			2046	* *	5	\$12,300	
Plaster	60%			LIFE	* *	5-10	\$31,700	

Site Enclosure

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

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

Asset #: 13290

	Current Repair	Futui	re Replacement	M	aintenance	
% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
20%		2034	* *	5-10		
80%		2049	* *			
100%		2039	* *			
100%		2034	* *			
100%		2034	* *			
100%		2034	* *			
	20% 80% 100% 100%	% of Total (Years) 20% 80% 100% 100%	% of Total Fail Date (Years) Estimated Cost FY Year FY 20% 80% 2034 2049 100% 2034 2034 100% 2034 2034	% of Total Fail Date (Years) Estimated Cost FY Year FY Estimated Cost FY 20% 2034 ** 80% 2049 ** 100% 2034 ** 100% 2034 ** 100% 2034 **	% of Total Fail Date (Years) Estimated Cost FY Year FY Estimated Cost (Yrs) Cycle (Yrs) 20% 80% 2034 2049 ** 5-10 100% 2039 ** 100% 2034 ** 100% 2034 **	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost (Yrs) Cycle (Yrs) Estimated Cost (Yrs) 20% 80% 2034 2049 ** 5-10 ** ** 100% 2039 ** ** 100% 2034 ** **

Electrical	Cal Current Repair Future Replace		e Replacement	M	aintenance			
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2029	\$2,600	5	\$100	
	Other Obs	ervation, Exte	ent : Light, Area	Affected	! : 100%			
	Location	: Electrical F	Room					
	Explanat	ion : No Nam	eplate Rating A	vailable				
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	\$33,500	5	\$600	
Raceway								
Conduit	90%			2039	* *	1		
Conduit	10%	4+	\$100	2039	* *	1		
	Corroded,	Extent: Mod	lerate, Area Affe	cted : 2%	6			
	Location	: Rooftop						
Panelboards								
Fused Disc Sw	20%			2028	\$4,600	5	\$100	
Molded Case Bkrs	20%			2037	* *	5	\$100	
Molded Case Bkrs	60%			2028	\$13,900	5	\$300	
Wiring								
Braided Cloth	65%	4+	\$18,700	2054	* *	1		
	Insulation	Aged, Extent	: Moderate, Are	a Affecte	ed : 100%			
	Location	: Throughout	t					
Thermoplastic	35%			2039	* *	1		
Motor Controllers								
Locally Mounted	10%			2027	\$4,700	5		
Motor Control Center	90%			2027	\$10,400	5	\$500	
Ground					4-0,.00		4-00	
Grounding Devices								
Generic	100%			LIFE	* *	5	\$600	
Lighting						-		

Lighting

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

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

Asset #: 13290

Electrical	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	90%	2029	\$204,800	10	\$18,100	
	T-12 Lamps And Fixtures, Extent: Lig	ht, Area A	ffected : 100%			
	Location: Throughout The Building					
Fluorescent	10%	2029	\$22,800	10	\$2,000	
	Compact Fluorescent Light, Extent : L	ight, Area			. ,	
	Location : Throughout					
Egress Lighting						
Emergency, Battery	50%	2029	\$15,300	10	\$2,600	
Exit, Battery	50%	2029	\$5,200	10	\$700	
Exterior Lighting			·			
HID	10%	2029	\$8,600	10		
No Component	90%					
Alarm						
Security System						
No Component	70%					
Generic	30%	2029	\$20,600	1	\$2,500	
	Other Observation, Extent: Light, Are	a Affectea	l : 100%			
	Location: Throughout The Building					
	Explanation: Intrusion Alarm Only					
Fire/Smoke Detection						
No Component	70%					
Generic, Analog	30%	2029	\$70,600	1-3	\$4,200	
_	Other Observation, Extent: Light, Are	a Affectea	l : 100%			
	Location: Throughout The Building					
	Explanation: Strobe Light, Manual I	Pull Statio	n And Smoke Dete	ctors		

Mechanical	Current Repair	Future Ro	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment Hot Water Boiler	100%	2034	* *	1	\$10,900	
	Other Observation, Extent: Light		00%			
	Location: Basement Boiler Roo	m				
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2037	* *	4	\$1,600	
Terminal Devices						
Air Handler	60%	2029	\$179,600	1	\$8,100	
Convector/Radiator	40%	2034	* *	1	\$2,800	
Air Conditioning						
Energy Source						
Electricity	100%	2045	* *	1		

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

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

Asset #: 13290

Mechanical		Current Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment							
Split Unit	40%		2034	* *			
No Component	60%						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2	\$35,700	
Terminal Devices							
Air Handler/Cool/Ht	70%		2029	\$66,800	1	\$9,500	
No Component	30%						
Heat Rejection							
Air Cooled Condenser	70%		2029	\$12,000	2	\$10,700	
Unit							
No Component	30%						
Ventilation							
Distribution	1000/				2.5	Ø10 400	
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$19,400	
Exhaust Fans	5 00/		2020	#25 000		#200	
Interior	50%		2029	\$37,900	2	\$300	
Roof	50%		2029	\$17,700	2	\$300	
Plumbing							
H/C Water Piping	000/		2020	* *	1		
Brass/Copper Galvanized Steel	80%		2039 2034	* *	1		
	20%		2034		1		
Water Heater Gas Fired	100%		2027	¢12.000	2	\$300	
	100%		2027	\$13,000	2	\$300	
Sanitary Piping Cast Iron	100%		LIFE	* *	1		
	10070		LIFE		1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
	10070		LIFE		1		
Sump Pump(s) Submersible	100%		2022	\$700	4	\$700	
	10070		2022	\$700	4	\$700	
Sewage Ejector(s) Electric	100%		2034	* *	4	\$900	
Fixtures	10070		2034			\$700	
Generic	100%						
Vertical Transport	10070						
Elevators							
Hydraulic	100%		LIFE	* *			
Trydiadite		ervation, Extent : Light, Area		! : 100%			
		: Basement To 2nd Floor	JJ				
	Explanat	ion : 1 Unit					
Fire Suppression	1						
Sprinkler							
No Component	70%						
Generic	30%		2039	* *	1-2	\$1,800	

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : GLEN OAKS BRANCH LIBRARY

Address : 256-04 UNION TURNPIKE

Borough : QUEENS Agency's Number : GK
Program / Asset # : QPL0G24.000 / 13291 Yr Built/Renovated : 2012 /

Area Sq Ft : 18,000 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 12-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 8693 Lot : 10 BIN : 4177530

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$39,800
Total		\$39,800
Importance Code A		\$39,800
Total		\$39,800

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture			\$2,600	
Interior Architecture	\$4,300		\$4,500	\$4,300
Electrical	\$300	\$300	\$800	\$300
Mechanical	\$3,700	\$4,100	\$4,600	\$3,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$12,300	\$8,400	\$16,400	\$12,300
Importance Code A	\$900	\$900	\$3,500	\$900
Importance Code B	\$11,400	\$7,500	\$12,500	\$11,400
Importance Code C			\$400	
Total	\$12,300	\$8,400	\$16,400	\$12,300



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

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

Asset #: 13291

Architecture		Current Repair Future Repl		e Replacement	placement Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Cement-Fiber Panel	75%		2037	* *	10	\$39,800	
Metal/Glass Curt Wall	25%		LIFE	* *	5	\$8,000	
Parapets							
Metal Panel	100%		2057	* *	5	\$5,100	
Roof							
Modified Bitumen	100%		2037	* *	10	\$12,800	
nterior							
Floors							
Carpet	60%		2029	\$112,900	3	\$17,100	
Ceramic Tile	5%		2042	* *	5	\$700	
Sheet Vinyl/Rubber	35%		2037	* *	5	\$7,500	
Interior Walls							
Ceramic Tile	5%		2042	* *	5	\$800	
Gypsum Board	45%		LIFE	* *	5	\$4,400	
No Component	50%						
		ervation, Extent : Light, Area : Throughout	Affected	! : 0%			
		tion : Exterior Glass Wall					
Ceilings	-						
Embossed Metal	100%		LIFE	* *	5	\$6,300	

Electrical	Current Repair	Future Repla	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2057	* *	5	\$100	
	Other Observation, Extent:	Light, Area Affected: 100%	,			
	Location : Electrical Room	\imath				
	Explanation: One 1200 A	mperes Main Disconnect Sw	itch			
Switchgear / Switchboard						
Fused Disc Sw	100%	2057	* *	5	\$100	
Raceway						
Conduit	100%	2057	* *	1		
Panelboards						
Fused Disc Sw	5%	2052	* *	5		
Molded Case Bkrs	95%	2052	* *	5	\$500	
Wiring						
Thermoplastic	100%	2057	* *	1		
Motor Controllers						
Locally Mounted	100%	2047	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	

Lighting

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

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

Asset #: 13291

Electrical	Current Repair	ir Future Replacement		М		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Estima FY	nted Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	90%	2037	* *	10	\$14,900	
	Other Observation, Extent Location : Throughout TI Explanation : T-8 Lamps	: Light, Area Affected : 100% ne Building				
Fluorescent	10%	2037	* *	10	\$1,700	
-	Compact Fluorescent Light Location : Throughout Th	t, Extent : Moderate, Area Aff ne Building	ected : 100)%		
Egress Lighting			di di			
Emergency, Battery	50%	2037	* *	10	\$2,200	
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 Estimated Cost (Years)	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	\$8,900		
Distribution								
Hot Wtr Piping/Pump	100%		2052	* *	4	\$1,300		
Terminal Devices								
Air Handler	80%		2037	* *	1	\$8,900		
Convector/Radiator	20%		2047	* *	1	\$1,200		
Air Conditioning								
Energy Source								
Electricity	100%		2043	* *	1			
Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%		2037	* *	2	\$1,100		
Terminal Devices Air Handler/Cool/Ht	100%		2037	* *	1	\$11,100		
Ventilation								
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,000		

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

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

Asset #: 13291

Mechanical	Curre	ent Repair	Futur	re Replacement	М	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Exhaust Fans							
Roof	100%		2037	* *	2	\$600	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2057	* *	1		
Water Heater							
Gas Fired	100%		2027	\$10,600	2	\$300	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sewage Ejector(s)							
Electric	100%		2037	* *	4	\$1,100	
Backflow Preventer							
Generic	100%		2037	* *	1	\$1,100	
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
	Other Observatio	n, Extent : Light, Area	Affected	l : 100%			
	Location: Base	ment To 2nd Floor					
	Explanation: 1	Unit					
Fire Suppression							
Sprinkler							
No Component	60%						
Generic	40%		2057	* *	1-2	\$2,000	

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

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

QUEENS PUBLIC LIBRARY - FY 2019 Print Date: 17-Sep-2018

Asset Name : GLENDALE BRANCH LIBRARY

Address : 78-60 73RD PL.

Total

Agency's Number **Borough** : QUEENS : **G**L

Program / Asset # : QPL0G25.000 / 13292 Yr Built/Renovated : 1935 / 2008

Area Sq Ft : 10,134 **Project Type** : QUEENS PUBLIC LIBRARY

Date of Survey : 09-Jun-2017 **Landmark Status** : NONE

Areas Surveyed : Basement, Roof, Floors 1,1m

Block : 3696 Lot BIN : 4090100

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$173,900	
Interior Architecture	\$61,900	\$40,100
Electrical	\$39,600	\$5,300
Mechanical	\$79,400	\$63,700
Total	\$354,800	\$109,000
Importance Code A	\$173,900	
Importance Code B	\$180,900	\$109,000
Total	\$354,800	\$109,000

\$10,400

\$7,400

\$56,200

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$6,500	\$1,000		
Interior Architecture	\$2,300	\$3,400	\$600	\$1,100
Electrical	\$10,100	\$300	\$400	\$32,700
Mechanical	\$1,600	\$1,700	\$2,500	\$18,400
Site Enclosure	\$35,300			
Site Pavements	\$500			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$60,300	\$10,400	\$7,400	\$56,200
Importance Code A	\$7,500	\$2,000	\$1,000	\$1,100
Importance Code B	\$17,400	\$8,400	\$6,400	\$55,100
Importance Code C	\$35,400			



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

\$60,300

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

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

Asset #: 13292

Architecture		Current I	Repair	Futui	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
kterior								
Exterior Walls	000/	N.T.	#110.500	LIDE	* *	-	Ø10 100	1
Masonry: Brick	Broken/M Location Diagonal Location Jnt Morta Location	e: Various Cracks, Ex. e: Northwe r Miss/Eroc e: Through	\$119,500 nents, Extent: Mod tent: Moderate, An st Corner, Chimne, l, Extent: Moderat out t, Extent: Severe,	rea Affec y te, Area A	ted : 5% Affected : 50%	5	\$19,100	1
	_		ow Openings Throi		20,0			
Masonry: Limestone	5%			LIFE	* *	5	\$800	
Stucco Cement		Now	\$6,400	2033	* *	5	\$1,300	
	Location Water Per	e: South We netration, E	Extent : Moderate all Above Roof xtent : Moderate, A all Above Roof		•			
Windows								
Aluminum	90%			2036	* *	5	\$2,100	
Aluminum	10%			2050	* *	5	\$200	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	\$4,500	
Metal Panel	5%			2054	* *	5	\$900	
Roof	50 /			2025	* *	10	0100	
Asphalt Shingle	5%			2037	* *	10	\$100	
Clay Tile	20%		Φ 54 500	2038	* *	10	\$2,600	
Modified Bitumen			\$54,500 extent : Severe, Area of	2033 a Affecte				1
terior								
Floors	4001			2021	400 *00	2	00.100	
Carpet	40%			2024	\$80,200	3	\$9,100	
Carpet	15%			2029	\$30,100	3	\$4,600	
Cast in Place Concrete	10%			LIFE	* *	5	\$3,300	
Ceramic Tile	5%			2031		5	\$800	
Vinyl Tile	30%			2028	\$40,100	3	\$1,700	
Interior Walls Gypsum Board	10%			LIFE	* *	5	\$600	
Plaster		Now	\$400	LIFE	**	5	\$200 \$200	
1 145161	Cracking/	Crumbling,	\$400 Extent : Severe, A ir, Main Library @	rea Affe	cted : 20%	3	\$200	
	Water Per	etration, E	xtent : Moderate, A ir, Main Library A	Area Affe	ected : 20%			
Plaster	70%		, 2101 ar y 111	LIFE	**	5	\$2,300	
					* *		•	
Wood	15%			LIFE	ተ ች	5	\$6,500	

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

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

Asset #: 13292

Architecture	Curr	ent Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings	100/		2017	de de	_	44.500	
AcousTileSusp.Lay-In	10%	Enitory Engage Links	2045	**	5	\$1,500	
		Evident, Extent : Light, Idrens Reading Area	Area Affe	ctea : 100%			
D 10 W 1		arens Kedaing Area		ate ate			
Exposed Struc: Wood	15%	0.61.000	LIFE	* *	-	Φ 7 100	
Plaster	75% 0-2	+ - /	LIFE		5	\$7,100	
	_	lling, Extent : Severe, A ary Area, Mezzanine &		ted: 20%			
T' E 1	Location : Libr	ary Area, Mezzanine &	various				
Site Enclosure							
Free Standing Walls Masonry: Brick	100% 2-4	\$34,500	2054	* *			
Masonly. Blick		Elements, Extent : Seve		Affected · 5%			
	Location : Var		, c, 11, ca 1	gjeerea : 370			
	Jnt Mortar Miss	Erod, Extent : Severe,	Area Affe	cted : 30%			
	Location : Var		33				
Retaining Walls							
Cast in Place Concrete	100% 4+	\$800	2048	* *			
	Cracking/Crumb	ling, Extent : Moderate	, Area Af	fected : 5%			
	Location: Vari	ious					
	Water Penetratio	on, Extent : Light, Area	Affected .	: 5%			
	Location : Var	ious					
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2041	* *			
On-Site Walkways							
Cast in Place Concrete	90% 2-4	. 4200	2041	**			
		rface, Extent : Severe, A	Area Affec	cted: 5%			
	Location : Myr						
Masonry: Granite	10% 4+	Ψ = 00	LIFE	**			
	_	orated, Extent : Severe,	Area Affe	ected : 100%			
	Location : Mai	n Entry Steps					

Electrical	Current Repair	Future R	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2028	\$1,500	5	\$300	
	Other Observation, Extent : Moderate,	Area Affecte	d: 100%			
	Location: Electrical Room					
	Explanation: One 400 Amperes Mai	n Disconnect	Switch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2028	\$33,500	5	\$300	
Raceway						
Conduit	80%	2028	\$26,000	1		
Conduit	20%	2048	* *	1		

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

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

Asset #: 13292

Electrical		Current Repa	ir	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Esti (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2044	* *	5		
Molded Case Bkrs	80%			2027	\$12,400	5	\$200	
Molded Case Bkrs	15%			2044	* *	5		
Wiring								
Thermoplastic	80%			2028	\$23,000	1		
Thermoplastic	20%			2048	* *	1		
Ground								
Grounding Devices	1000/	2.4	#0.000	LIEE		-	0100	
Generic	100%	2-4	\$9,900	LIFE	**	5	\$100	
		ervation, Extent : Water Main	t : Moderate, A	Area Affe	ected : 100%			
T 1 1/1	Explana	ion : Corroded						
Lighting								
Interior Lighting Fluorescent	85%			2038	* *	10	\$7,900	
Fluorescent		And Firtures	Extent · Moder		a Affected : 100%	10	\$7,900	
	-	: Throughout T		ше, тте	a rijjeciea . 10070			
Elyanasaant	5%	. Imougnout I	ne Bunaing	2028	\$5.200	10	\$500	
Fluorescent		amustian Extant	. Modovato		\$5,300	10	\$300	
		ervation, Extent : Basement	: Moaeraie, A	rea А <u></u> јје	eciea : 100%			
		ion : Compact l	Fluorescent I i	ahtina				
TII.		ion . Compaci I	"tuorescent Li		* *	1.0	ФООО	
Fluorescent	10%	And Eintern	E.v M. J.	2033		10	\$900	
	_	: Ana Fixtures, I : Childrens Ro		ate, Are	a Affected : 100%			
D. T. L.	Location	: Chilarens Ro	om					
Egress Lighting	500/			2022	¢7.100	10	¢1 200	
Emergency, Battery	50%			2023	\$7,100 * *	10	\$1,200	
Exit, LED	5%			2068		1		
Exit, Service	45%			2023	\$700	1		
Exterior Lighting	1000/			2022	\$20,600	10		
HID	100%			2023	\$39,600	10		
Alarm								
Security System	30%							
No Component Generic	30% 70%			2023	\$22,200	1	\$2,700	
Generic		ervation, Exteni	· Moderate A		·	1	\$2,700	
		ervation, Extent : Throughout T		пеи пује	cica . 100/0			
		ion : Intrusion i						
	Ехріана	ion . Initusion I	литт Оту					

Mechanical	Current Repa	ir Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2048	* *	1		

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

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

Asset #: 13292

Mechanical	Current	Current Repair Future Replacement		e Replacement	M		
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Conversion Equipment							
Steam Boiler	100%		2033	**	1	\$10,000	
	Other Observation,	_	Affected	: 100%			
	Location : Baseme						
Distribution	Explanation: 1 U	nii					
Central Plant Steam	100%		2038	* *	4	\$500	
Piping/Pmp	10070		2030		7	\$300	
Terminal Devices							
Convector/Radiator	100%		2033	* *	1	\$3,300	
Air Conditioning							
Energy Source							
Electricity	100%		2044	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	80%		2028	\$63,700	2	\$500	
Cooling				000/			
	R-22 Refrigerant, E. Location : Roof	xtent : Light, Area A	Affected :	80%			
Split Unit	20%		2023	\$42,000			
	R-22 Refrigerant, E. Location : Baseme	=	ffected :	20%			
Terminal Devices							
Fan Coil - 2 Pipe	20%		2023	\$37,400	1	\$700	
No Component	80%						
Heat Rejection							
Dry Cooler	20%		2023	\$10,700	2	\$1,400	
No Component	80%						
Ventilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2.5	\$5,700	
Exhaust Fans	100%		LIFE		2-5	\$3,700	
Roof	30%		2033	* *	2	\$100	
No Component	70%		2033		2	ψ100	
Plumbing	, , , ,						
H/C Water Piping							
Brass/Copper	100%		2038	* *	1		
Water Heater							
Gas Fired	100%		2023	\$6,000	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	1000/						
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	1000/		2020	¢1 500	1	#200	
Non-Submersible	100%		2028	\$1,500	4	\$300	

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

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

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QUEENS PUBLIC LIBRARY - 039 GLENDALE BRANCH LIBRARY

Asset #: 13292

Mechanical	Current Repair	Future Replac	ement	M	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Backflow Preventer						
No Component	90%					
Generic	10%	2028	\$300	1	\$100	
	Other Observation, Extent: Light, Area	a Affected : 10%				
	Location : Boiler Room					
	Explanation: Boiler Only					
Fixtures						
Generic	100%					

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : HILLCREST BRANCH LIBRARY

Address : 187-05 UNION TURNPIKE

Borough : QUEENS Agency's Number : H

Area Sq Ft : 7,598 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 26-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 7204 Lot : 40 BIN : 4155032

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$50,600	
Interior Architecture		\$75,000
Electrical	\$74,800	\$3,900
Mechanical	\$93,100	\$83,600
Total	\$218,600	\$162,500
Importance Code A	\$50,600	\$39,800
Importance Code B	\$168,000	\$122,800
Total	\$218,600	\$162,500

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$900		\$700	
Interior Architecture	\$100		\$3,800	\$500
Electrical	\$62,100	\$700	\$16,400	\$16,400
Mechanical	\$12,500	\$1,200	\$14,900	\$1,200
Total	\$75,600	\$1,900	\$35,800	\$18,100
Importance Code A	\$1,300	\$400	\$1,100	\$400
Importance Code B	\$74,300	\$1,500	\$34,700	\$17,500
Importance Code C				\$200
Total	\$75,600	\$1,900	\$35,800	\$18,100



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

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

Asset #: 13293

		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$9,100	
Pre-Cast Concrete	25%			LIFE	* *	5	\$9,900	
Windows								
Aluminum	100%			2032	* *	5	\$1,300	
Parapets								
Metal Panel	50%			2050	* *	5	\$1,900	
Metal Panel	50%			2044	* *	5	\$1,900	
Roof								
Modified Bitumen	100%	Now	\$50,600	2032	* *			
	Blisters, E	xtent : Mod	lerate, Area Affect	ed : 20%				
	Location	: North An	nd East Sides					
	D . D							
	Recent Re	place Evide	ent, Extent : Light,	Area Aff	ected : 100%			
	-		ent, Extent : Light, out	Area Aff	ected : 100%			
	Location	: Through	out	-				
	Location Seams Op	: Through en/Split, Ex	out tent : Moderate, A	-				
atorior.	Location Seams Op	: Through en/Split, Ex	out	-				
	Location Seams Op	: Through en/Split, Ex	out tent : Moderate, A	-				
Floors	Location Seams Op Location	e: Through en/Split, Ex a: North An	out tent : Moderate, A	rea Affec	eted : 20%	3	\$11,400	
Floors Carpet	Location Seams Op Location 85%	: Through en/Split, Ex : North An	out tent : Moderate, A	rea Affec		3 5	\$11,400 \$1,000	
Floors Carpet Cast in Place Concrete	Location Seams Op Location 85% 5%	e: Through en/Split, Ex a : North An	out tent : Moderate, A	rea Affec 2025 LIFE	sted : 20% \$100,400	5	\$1,000	
Floors Carpet Cast in Place Concrete Ceramic Tile	Location Seams Op Location 85% 5% 5%	a: Through en/Split, Ex a: North An	out tent : Moderate, A	2025 LIFE 2033	\$100,400 * *	5 5	\$1,000 \$400	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile	Location Seams Op Location 85% 5%	a: Through en/Split, Ex a: North An	out tent : Moderate, A	rea Affec 2025 LIFE	\$100,400 **	5	\$1,000	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls	Location Seams Op Location 85% 5% 5%	: Through en/Split, Ex : North An	out tent : Moderate, A	2025 LIFE 2033 2032	\$100,400 **	5 5 3	\$1,000 \$400 \$200	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile	Location Seams Op Location 85% 5% 5% 5%	: Through en/Split, Ex : North An	out tent : Moderate, A	2025 LIFE 2033 2032	\$100,400 ** **	5 5 3	\$1,000 \$400 \$200	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit	Location Seams Op Location 85% 5% 5% 5% 82%	a : Through en/Split, Ex a : North An	out tent : Moderate, A	2025 LIFE 2033 2032 2033 LIFE	\$100,400 ** ** **	5 5 3 5 5	\$1,000 \$400 \$200 \$400 \$3,900	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board	85% 5% 5% 5% 10%	a: Through en/Split, Ex a: North An	out tent : Moderate, A	2025 LIFE 2033 2032 2033 LIFE LIFE	\$100,400 ** ** **	5 5 3	\$1,000 \$400 \$200	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick	Location Seams Op Location 85% 5% 5% 5% 82%	a: Through en/Split, Ex a: North An	out tent : Moderate, A	2025 LIFE 2033 2032 2033 LIFE	\$100,400 ** ** **	5 5 3 5 5	\$1,000 \$400 \$200 \$400 \$3,900	
Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick Ceilings	85% 5% 5% 5% 10% 5%	en/Split, Ex	out tent : Moderate, A	2025 LIFE 2033 2032 2033 LIFE LIFE	\$100,400 ** ** ** **	5 5 3 5 5 5	\$1,000 \$400 \$200 \$400 \$3,900 \$700	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick	85% 5% 5% 5% 10%	en/Split, Ex	out tent : Moderate, A	2025 LIFE 2033 2032 2033 LIFE LIFE	\$100,400 ** ** **	5 5 3 5 5	\$1,000 \$400 \$200 \$400 \$3,900	

Electrical	Current Repair	Future Replac	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	100%	2024	\$1,500	5	\$200		
	Other Observation, Extent: Moderate,	Area Affected : 10	0%				
	Location : Electrical Room						
	Explanation : Main Service Switch Re	ited At 400 Ampere	es				
Switchgear / Switchboard							
Molded Case Bkrs	100%	2024	33,500	5	\$200		
Raceway							
Conduit	10%	2034	* *	1			
Conduit	90%	2024	529,200	1			

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

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

Asset #: 13293

Electrical	Current Repair	Future	Replacement	M	aintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Panelboards							
Molded Case Bkrs	100%	2023	\$15,500	5	\$200		
Wiring							
Thermoplastic	10%	2034	* *	1			
Thermoplastic	90%	2024	\$25,900	1			
Motor Controllers							
Locally Mounted	100%	2022	\$15,600	5	\$100		
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$100		
Lighting							
Interior Lighting							
Fluorescent	95%	2020	\$74,800	10	\$6,600		
	T-12 Lamps And Fixtures, E		a Affected : 100%	,			
	Location: Throughout The						
Fluorescent	5%	2024	\$3,900	10	\$300		
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Boiler Room						
	Explanation : Compact Fl	uorescent Lighting					
Egress Lighting							
Exit, Service	100%	2020	\$1,100	1			
Exterior Lighting							
HID	100%	2020	\$29,700	10			
Alarm							
Security System							
Generic	100%	2020	\$23,800	1	\$2,800		
	Other Observation, Extent:		ted : 100%				
	Location: Throughout Th						
	Explanation : Intrusion Al	arm Only, Motion Sen	sors				
Fire/Smoke Detection							
Generic	100%	2032	* *	1-3	\$4,800		
	Other Observation, Extent:		ted : 100%				
	Location: Throughout Th						
	Explanation : Strobe Light	ts, Manual Pull Station	n And Smoke Dete	ectors			

Mechanical	Current Rep	air Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2034	* *	1		

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

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

Asset #: 13293

Mechanical	Current Repair	Future Replacement	Λ	laintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Furnace	30% Other Observation, Extent : Light, Location : Roof Explanation : 1 Roof Top Packag		1	\$1,100	
Hot Water Boiler	70% Other Observation, Extent: Light, Location: Boiler Room Explanation: 1 Unit	2029 \$39,800	1	\$2,600	
Distribution	<u> </u>				
Hot Wtr Piping/Pump No Component	70% 30%	2032 **	4	\$400	
Terminal Devices					
Air Handler	50%	2020 \$51,800	1	\$2,400	
Convector/Radiator No Component	20% 30%	2022 \$7,900	1	\$500	
Air Conditioning					
Energy Source Electricity	100%	2032 **	1		
Conversion Equipment Reciprocating Compr/Chiller	70%	2029 \$43,800	1	\$2,500	
	R-22 Refrigerant, Extent : Light, A Location : Mechanical Room	rea Affected : 70%			
Ext Pkg Unit - Heating/Cooling	30%	2029 \$27,700	2	\$100	
	R-22 Refrigerant, Extent : Light, A Location : Roof	rea Affected : 30%			
Terminal Devices Air Handler/Cool/Ht No Component	50% 50%	2020 \$41,300	1	\$2,400	
Heat Rejection Air Cooled Condenser Unit	70%	2020 \$10,400	2	\$3,700	
No Component	30%				
Ventilation					
Distribution	100%	TIFF **	. 25	Ø4 3 00	
Ductwork/Diffusers Exhaust Fans	10070	LIFE **	2-5	\$4,200	
Exhaust Fans Interior	70%	2024 \$18,400	2	\$200	
Roof	30%	2024 \$18,400		\$200 \$100	
Plumbing	3070	2027 \$3,700		\$100	
H/C Water Piping					
Brass/Copper	100%	2034 **	1		
Water Heater Gas Fired	100%	2022 \$4,500		\$100	
Gas Fileu	10070	2022 \$4,300	·	\$100	

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

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

Asset #: 13293

Mechanical	Current Repair	Current Repair Future Replacemen		Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing						
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
No Component	90%					
Generic	10%	2024	\$200	1	\$100	
	Other Observation, Extent: Light, Ar	rea Affected : .	10%			
	Location: Boiler Room					
	Explanation: For Boiler Only					
Fixtures						•
Generic	100%					

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : HOLLIS BRANCH LIBRARY

Address : 202-05 HILLSIDE AVE.

Borough : QUEENS Agency's Number : HO

Area Sq Ft : 7,930 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 06-May-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 10532 Lot : 20 BIN : 4224387

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Interior Architecture		\$96,200
Electrical		\$145,200
Mechanical		\$145,600
Total		\$386,900
Importance Code A		\$59,300
Importance Code B		\$327,600
T . 1		222622

Total \$386,900

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$400		\$4,100	
Interior Architecture		\$2,100	\$5,300	
Electrical	\$600	\$800	\$31,900	\$600
Mechanical	\$6,900	\$1,100	\$5,500	\$1,100
Total	\$7,900	\$4,000	\$46,900	\$1,700
Importance Code A	\$800	\$400	\$4,600	\$400
Importance Code B	\$7,100	\$3,100	\$42,300	\$1,300
Importance Code C		\$500		
Total	\$7,900	\$4,000	\$46,900	\$1,700



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

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

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

Asset #: 13294

Architecture		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
exterior							
Exterior Walls							
Masonry: Brick	90%		LIFE	* *	5	\$19,600	
Metal Panel	5%		2047	* *	5-10	\$7,500	
Window Wall	5%		2047	* *	5	\$4,100	
Windows							
Aluminum	100%		2035	* *	5	\$900	
		ervation, Extent : Light, Ared	a Affected	: 100%			
		: Throughout					
	Explanat	ion : Thermally Inefficient					
Roof	1000/		2025		1.0	#22.5 00	
Modified Bitumen	100%		2035	**	10	\$23,500	
		place Evident, Extent : Light,	Area Aff	ected : 100%			
-	Location	: Throughout					
nterior							
Floors	70/		LIDE	* *	-	Ø1 200	
Cast in Place Concrete	5%		LIFE	* *	5	\$1,300	
Ceramic Tile	3%		2036		5	\$400	
Vinyl Tile	92%		2027	\$96,200	3	\$4,100	
Interior Walls	7 0/		2026	ماد ماد	_	#1.100	
Ceramic Tile	5%		2036	* *	5	\$1,100	
Concrete Masonry Unit	40%		LIFE	* *	5	\$3,500	
Glass: Single Pane	5%		LIFE	* *	5	\$800	
Masonry: Brick	50%		LIFE	* *			
Ceilings	222/			ماد ماد	_	440 -00	
AcousTileSusp.Lay-In	90%		2032	* *	5	\$10,700	
Exposed Struc: Steel	10%		LIFE	**			
ite Enclosure							
Fence/Gates							
Chain Link	100%		2037	* *			
ite Pavements							
Public Sidewalk	1000/		2022	a. a.			
Cast in Place Concrete	100%		2032	* *			
On-Site Walkways	40001		• • • •				
Cast in Place Concrete	100%		2032	* *			

Electrical	Current Repair	Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	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	ı Affected	: 100%				
	Location: Electrical Room						
	Explanation: Main Service Rated At	300 Ampe	eres.				
Switchgear / Switchboard							
Molded Case Bkrs	100%	2027	\$33,500	5	\$200		

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

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

Asset #: 13294

Electrical	Current R	epair Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2027	\$32,500	1		
Panelboards						
Molded Case Bkrs	85%	2026	\$13,200	5	\$200	
Molded Case Bkrs	15%	2043	* *	5		
Wiring						
Thermoplastic	100%	2027	\$28,700	1		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	99%	2027	\$81,400	10	\$7,200	
		tent : Light, Area Affected	l : 100%			
	Location: Througho	_				
	Explanation: T12 La	итр				
HID	1%	2027	\$600	10		
Egress Lighting						
Emergency, Battery	50%	2027	\$5,500	10	\$1,000	
Exit, Service	50%	2027	\$600	1		
Exterior Lighting						
HID	100%	2022	\$31,000	10		
Alarm						
Security System						
Generic	100%	2032	* *	1	\$3,000	
Fire/Smoke Detection						
No Component	25%					
Generic, Digital	75%	2027	\$63,800	1-3	\$3,700	

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2037	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2025	\$59,300	1	\$3,900	
Distribution								
Hot Wtr Piping/Pump	100%			2026	\$12,000	4	\$400	
Terminal Devices								
Convector/Radiator	40%			2025	\$16,500	1	\$1,000	
No Component	60%							
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

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

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

Asset #: 13294

l lechanical		Current Repair	Futur	e Replacement	ement Maintenance			
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
ir Conditioning								
Distribution	1000/			ماد ماد		#10. 2 00		
Ductwork/Diffusers	100%		LIFE	* *	2	\$10,300		
Terminal Devices	4000/		• • • •	406400				
Air Handler/Cool/Ht	100%		2027	\$86,300	1	\$4,900		
Heat Rejection	1000/		2022	* *		45.500		
Air Cooled Condenser Unit	100%		2032	* *	2	\$5,500		
entilation								
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,400		
Exhaust Fans								
Roof	100%		2027	\$12,800	2	\$200		
umbing								
H/C Water Piping								
Brass/Copper	100%		2037	* *	1			
Water Heater								
Gas Fired	100%		2020	\$4,700	2	\$100		
		Other Observation, Extent : Light, Area Affected : 100%						
	Location	: 1st Floor						
	Explanat	ion : 30 Gallons						
Sanitary Piping								
Cast Iron	100%		LIFE	* *	1			
Storm Drain Piping								
Cast Iron	100%		LIFE	* *	1			
Backflow Preventer								
Generic	100%		2032	* *	1	\$500		
Fixtures								
Generic	100%							

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : HOWARD BEACH BRANCH LIBRARY

Address : 92-06 156TH AVE.

Borough : QUEENS Agency's Number : HB

Area Sq Ft : 8,500 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 03-May-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 13957 Lot : 1 BIN : 4292455

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Electrical		\$161,700
Total		\$161,700
Importance Code B		\$161,700
Total		\$161,700

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$500		\$30,000	\$500
Interior Architecture	\$21,700	\$700		\$5,700
Electrical	\$900	\$1,000	\$1,000	\$800
Mechanical	\$3,000	\$1,800	\$6,500	\$2,000
Total	\$26,100	\$3,500	\$37,500	\$9,000
Importance Code A	\$900	\$400	\$30,500	\$900
Importance Code B	\$25,200	\$2,700	\$7,000	\$8,100
Importance Code C		\$400		
Total	\$26,100	\$3,500	\$37,500	\$9,000



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

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

QUEENS PUBLIC LIBRARY - 039 HOWARD BEACH BRANCH LIBRARY

Asset #: 13295

Architecture		Current Repa	ir	Futur	e Replacement	M	aintenance	
system Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	\$11,800	
Metal Panel	5%			2047	* *	5-10	\$4,500	
Window Wall	5%			2047	* *	5	\$2,500	
Windows								
Aluminum	100%			2043	* *	5	\$1,000	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	\$800	
Metal Rail	5%			2040	* *	5-10	\$800	
Roof								
Modified Bitumen	100%			2032	* *	10	\$27,500	
terior								
Floors								
Carpet	90%			2026	\$151,400	3	\$22,900	
Cast in Place Concrete	5%			LIFE	* *	5	\$1,400	
Ceramic Tile	5%			2036	* *	5	\$600	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	\$800	
Concrete Masonry Unit	95%			LIFE	* *	5	\$5,800	
Ceilings								
AcousTileConcealSpLn	75%	0-2	\$16,000	2047	* *	5	\$6,000	
•	Staining/L	Discoloring, Ext	ent : Moderate	, Area Ą	ffected : 20%			
	Location	: Throughout						
Exposed Struc: Steel	25%			LIFE	**			
te Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			

lectrical	Current Repair	Future	Replacement	М	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2037	* *	5	\$200	
	Other Observation, Extent: Light, Are	ea Affected :	100%			
	Location : Electrical Room					
	Explanation: Main Disconnect Swit	ch Rated At	400 Amperes			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2027	\$33,500	5	\$200	
Raceway						
Conduit	100%	2037	* *	1		
Panelboards						
Molded Case Bkrs	100%	2035	* *	5	\$200	
Wiring						
Thermoplastic	100%	2037	* *	1		

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

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

QUEENS PUBLIC LIBRARY - 039 HOWARD BEACH BRANCH LIBRARY

Asset #: 13295

Electrical	Current Repair	Futur	e Replacement	M	Maintenance				
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Under 600 Volts									
Motor Controllers									
Locally Mounted	50%	2032	* *	5					
Locally Mounted	50%	2025	\$7,800	5					
Ground									
Grounding Devices									
Generic	100%	LIFE	* *	5	\$100				
	Other Observation, Extent : Light,	Area Affected	: 100%						
	Location : Water Main								
	Explanation : Connected With M	ain Water Pip	e						
Lighting									
Interior Lighting									
Fluorescent	80%	2027	\$70,500	10	\$6,200				
	Other Observation, Extent: Light, Area Affected: 100%								
	Location: Throughout								
	Explanation: T-12 Lamps								
LED	20%	2032	* *						
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Basement								
	Explanation : Boiler Room								
Egress Lighting									
Exit, Service	50%	2027	\$600	1					
Exit, Battery	50%	2027	\$2,000	10	\$300				
Exterior Lighting									
HID	100%	2027	\$33,200	10					
Alarm									
Security System									
Generic	100%	2027	\$26,600	1	\$3,200				
Fire/Smoke Detection									
Generic, Analog	100%	2027	\$91,200	1-3	\$5,200				

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2040	* *	1	\$4,200	
Distribution							
Hot Wtr Piping/Pump	100%		2043	* *	4	\$400	
Terminal Devices							
Air Handler	70%		2032	* *	1	\$3,700	
Convector/Radiator	30%		2040	* *	1	\$800	
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		

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

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

QUEENS PUBLIC LIBRARY - 039 HOWARD BEACH BRANCH LIBRARY

Asset #: 13295

Mechanical	Current	Repair	Futur	e Replacement	Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning								
Conversion Equipment								
Reciprocating	100%		2032	* *	1	\$3,900		
Compr/Chiller								
Distribution	1000/					444400		
Ductwork/Diffusers	100%		LIFE	* *	2	\$11,100		
Terminal Devices								
Air Handler/Cool/Ht	100%		2032	* *	1	\$5,300		
Heat Rejection	1000/			de de		4.7. 000		
Dry Cooler	100%		2032	* *	2	\$5,900		
Ventilation								
Distribution	1000/			ש ש	2.5	0.4.7 00		
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,700		
Exhaust Fans	- 00/			de de		4400		
Interior	50%		2032	* *	2	\$100		
Roof	50%		2032	* * *	2	\$100		
Plumbing								
H/C Water Piping	1000/		20.40	* *	1			
Galvanized Steel	100%		2040	* *	1			
Water Heater	1000/		2025	47.000	•	#100		
Gas Fired	100%		2025	\$5,000	2	\$100		
		Other Observation, Extent : Light, Area Affected : 100% Location : Mechanical Room						
G : P: :	Explanation: 1-40	Gallon						
Sanitary Piping	100%		LIFE	* *	1			
Cast Iron	100%		LIFE		1			
Storm Drain Piping	1000/		LIEE	* *	1			
Cast Iron	100%		LIFE		1			
Backflow Preventer	95%							
No Component			2022	* *	1			
Generic	5% Other Observation, I	Extent Light Asse	2032		1			
	Location : Mechan	_	Ајјестеа	. 100%				
Fixtures	Explanation : Boile	er -						
Generic	100%							
Generic	10070							

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

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : JACKSON HEIGHTS BRANCH LIBRARY

Address : 35-51 81ST ST.

Total

Borough : QUEENS Agency's Number : JH

Area Sq Ft : 16,442 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 08-Jun-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1281 Lot : 48 BIN : 4029693

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$405,100	\$306,800
Interior Architecture	\$104,200	
Electrical	\$54,600	\$159,500
Mechanical	\$168,000	\$241,900
Total	\$731,900	\$708,100
Importance Code A	\$405,100	\$306,800
Importance Code B	\$326,800	\$401,400
Total	\$731,900	\$708,100

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$15,500	\$1,100		\$3,900
Interior Architecture	\$4,900	\$5,900	\$400	\$4,900
Electrical	\$26,900	\$1,100	\$1,500	\$19,700
Mechanical	\$3,200	\$5,100	\$4,200	\$19,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$54,500	\$17,100	\$10,000	\$51,600
Importance Code A	\$16,300	\$1,900	\$800	\$4,800
Importance Code B	\$38,200	\$15,200	\$9,000	\$46,800
Importance Code C			\$200	

\$17,100

\$10,000

\$51,600



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.

\$54,500

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

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

Asset #: 13296

chitecture	Curren	t Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Exterior Walls	(70/		LIDD		~	Ø14.000	
Masonry: Brick	67% 25% Now	\$62,400	LIFE	* *	5 5	\$14,800	
Masonry: Limestone	Cracking/Crumblin Location : West F	g, Extent : Moderate acade		ffected : 10%	3	\$4,100	
	Jnt Mortar Miss/Er Location : West F	od, Extent : Moderai acade	e, Area 1	Affected : 25%			
Metal Panel	3%		2048	* *	5-10	\$4,500	
Granite Panels	5%		LIFE	* *	5	\$800	
Windows Aluminum	97% 0-2	\$235,800	2053	* *	5	\$2,700	
	Loose/Miss Fastene Location: Throug	ers, Extent : Moderat	e, Area A	Affected: 25%		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Caulking Deteriora Location : Throug	sted, Extent : Modera ghout	te, Area	Affected : 100%			
Metal Louvers	3%		2031	* *	10	\$1,100	
Parapets Masonry: Brick	Location : Interio	\$45,700 od, Extent : Moderat r Face Of South Part ight, Area Affected :	apet	* * Affected : 25%	5	\$3,800	
	Location : Interio	r Face Of West And nt : Moderate, Area	South Pa	=			
Masonry: Limestone	15% Now Cracking/Crumblin Location: Coping	\$15,500 g, Extent : Moderate g At East Parapet	LIFE , Area A	* * ffected : 5%	5	\$900	
Metal Rail	5%		2033	* *	5-10	\$4,300	
Roof Modified Bitumen	100% Now Blisters, Extent : M Location : Over F	\$61,400 Joderate, Area Affecto First Floor	2028 ed : 20%	\$306,800			
Soffits Masonry: Limestone		od, Extent : Light, A. Entrance Soffit Area	LIFE rea Affec	* * ted : 2%	5		

Interior

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

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

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

Asset #: 13296

Architecture	Current Repair		Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated C (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Floors							
Carpet	15%		2024	\$48,800	3	\$5,500	
Carpet	35%		2029	\$113,900	3	\$17,200	
Cast in Place Concrete	3%		LIFE	* *	5	\$1,600	
Ceramic Tile	2%		2037	* *	5	\$500	
Quarry Tile	20%		2041	* *	5	\$7,400	
Terrazzo	5%		LIFE	* *	5	\$1,000	
Vinyl Tile	20%		2023	\$43,300	3	\$2,500	
•	Other Obs	ervation, Extent : Moder	ate, Area Affe	ected : 100%			
	Location	: Basement					
	Explana	tion: 9x9 Units					
Interior Walls	-						
Ceramic Tile	2%		2037	* *	5	\$400	
Concrete Masonry Unit	5%		LIFE	* *	5	\$400	
Glass: Single Pane	3%		LIFE	* *	5	\$400	
Glazed Ceramic Panel	5%		LIFE	* *			
Plaster	75%		LIFE	* *	5	\$4,300	
SGFT/Glazed Masonry	10%		LIFE	* *		. ,	
Ceilings							
AcousTileSusp.Lay-In	3%		2041	* *	5	\$700	
Exposed Concrete	5%		LIFE	* *	5	\$200	
Plaster	92%	4+ \$60,9	00 LIFE	* *	5	\$14,000	
		Crumbling, Extent : Seven		cted : 20%		, , ,	
	Location	: Main Library Area 1st	Floor @ Win	ndow Interior Soffi	ts North	Facade	
Site Enclosure							
Fence/Gates							
Chain Link	100%		2048	* *			
Retaining Walls							
Cast in Place Concrete	100%		2063	* *			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2041	* *			

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

Under 600 Volts

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

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

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

Asset #: 13296

Electrical	Current Repair		Future Replacement		Maintenance			
System Component Type		l Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	45%		2028	\$700	5			
		ttion, Extent : Moderate, A	Area Affe	cted : 100%				
		lectrical Room						
	Explanation	: One 200 Amperes Main	Disconn	ect Switch				
Fused Disc Sw	10%		2028	\$200	5			
	Other Observe	tion, Extent : Moderate, A	Area Affe	cted : 100%				
	Location: E	lectrical Room						
	Explanation	: One 200 Amperes Main	Disconn	ect Switch For Em	ergency			
Molded Case Bkrs	45%		2028	\$700	5	\$200		
	Other Observe	tion, Extent : Moderate, A	Area Affe	cted : 100%				
	Location : Electrical Room							
	Explanation	: One 400 Amperes Main	Disconn	ect Switch				
Switchgear / Switchboard								
Molded Case Bkrs	100%		2028	\$33,500	5	\$400		
Raceway								
Conduit	95%		2028	\$30,800	1			
Conduit	5%		2048	* *	1			
Panelboards								
Fused Disc Sw	5%		2027	\$800	5			
Molded Case Bkrs	90%		2027	\$13,900	5	\$400		
Molded Case Bkrs	5%		2044	* *	5			
Wiring								
Braided Cloth	90% 2	\$25,900	2053	* *	1			
	Insulation Age	d, Extent : Severe, Area A	Affected :	100%				
	Location: Ti	roughout The Building						
Thermoplastic	10%		2048	* *	1			
Motor Controllers								
Locally Mounted	100%		2026	\$31,300	5	\$100		
Ground								
Grounding Devices								
Generic	100%		LIFE	* *	5	\$200		
Lighting								

Lighting

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

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

Asset #: 13296

Electrical	Current Repair		Futur	e Replacement	Maintenance					
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Lighting										
Interior Lighting										
Fluorescent	2%		2023	\$3,400	10	\$300				
		Extent: Moderate, A	Area Affe	ected : 100%						
	Location: Baseme	Location: Basement								
	Explanation: Con	Explanation: Compact Fluorescent Lighting								
Fluorescent	8%		2038	* *	10	\$1,200				
	T-8 Lamps And Fix	tures, Extent : Modei	rate, Are	a Affected : 100%						
	Location : Throug	hout The Building								
	Other Observation,	Extent : Moderate, A								
	Location: Throughout The Building									
	_	last & Bulb New But	Fixtures	Are Old						
LED	90%		2038	* *						
EED	Other Observation, Extent : Moderate, Area Affected : 100%									
	Location: Throughout The Building									
		last & Bulb New But	Firtures	Are Old						
Egress Lighting	Explanation : But	iusi & Buio Iven Bui	1 ixitires	The old						
Emergency, Battery	50%		2023	\$11,500	10	\$2,000				
Exit, Service	45%		2023	\$1,100	1	\$2,000				
Exit, Service	5%		2038	\$1,100 **	1					
Exterior Lighting	370		2036		1					
Incandescent	100%		2023	\$54,600	2					
Alarm	10070		2023	\$54,000						
Security System										
No Component	30%									
Generic	70%		2028	\$36,100	1	\$4,300				
Fire/Smoke Detection	/070		2028	\$30,100	1	\$4,500				
	30%									
No Component	70%		2028	\$123,400	1.2	\$7,100				
Generic, Digital	/U%0		2028	\$123,400	1-3	\$/,100				

Mechanical	Current Repair	Future Re	placement	M	aintenance	
ystem Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Natural Gas	100%	2048	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2041	* *	1	\$8,100	
	Other Observation, Extent : Lig	ht, Area Affected : 10	0%			
	Location : Basement Boiler R	oom				
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2036	* *	4	\$1,200	
Terminal Devices						
Air Handler	60%	2028	\$134,600	1	\$6,100	
Convector/Radiator	40%	2033	* *	1	\$2,100	

Air Conditioning

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

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

Asset #: 13296

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Energy Source							
Electricity	100%		2036	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	60%		2023	\$81,200	1	\$4,600	
•		rant, Extent : Light, Area A Basement A C Room	ffected :	60%			
Exterior Pkg Unit - Cooling	40%		2033	* *	2	\$400	
•	R-22 Refrige Location :	rant, Extent : Light, Area A Roof	ffected :	40%			
Terminal Devices							
Air Handler/Cool/Ht	60%		2028	\$107,300	1	\$6,100	
No Component	40%						
Heat Rejection							
Dry Cooler	100%		2023	\$86,700	2	\$11,500	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$9,200	
Exhaust Fans							
Interior	60%		2028	\$34,000	2	\$300	
Roof	40%		2028	\$10,600	2	\$200	
Plumbing							
H/C Water Piping	1000/		• • • •				
Brass/Copper	100%		2038	* *	1		
Water Heater	1000/			44.400		4400	
Electric	100%		2023	\$14,100	4	\$100	
Sanitary Piping	1000/		LIDE	* *			
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	1000/		LIDE	* *			
Cast Iron	100%		LIFE	* *	1		
Sewage Ejector(s) Compressed Air	100%		2038	* *	4	\$200	
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	**			
		vation, Extent : Light, Area	Affected	: 100%			
		Basement, 1, 2					
	Explanatio	n : One Unit					

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : KEW GARDENS HILLS BRANCH LIBRARY

Address : 72-33 VLEIGH PL.

Borough : QUEENS Agency's Number : KW

Area Sq Ft : 8,090 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 05-Apr-2016 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 6660 Lot : 5 BIN : 4144059

CAPITAL

Total

Importance Code

Total

EXPENSE

Total

Importance Code

Total



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

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

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

QUEENS PUBLIC LIBRARY - 039 KEW GARDENS HILLS BRANCH LIBRARY

Asset #: 13318

Architecture	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost 's)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Under Construction	100%						
Windows							
Under Construction	100%						
Parapets							
Under Construction	100%						
Roof							
Under Construction	100%						
Interior							
Floors							
Under Construction	100%						
Interior Walls							
Under Construction	100%						
Ceilings							
Under Construction	100%						

	Current Repair	Futu	re Replacement	M	aintenance	
% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%						
100%						
100%						
100%						
100%						
100%						
100%						
100%						
						_
100%						
100%						
100%						
100%						
	100% 100% 100% 100% 100% 100% 100% 100%	% of Total (Years) 100% 100% 100% 100% 100% 100% 100% 100% 100% 100%	% of Total Fail Date (Years) Estimated Cost FY 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100%	Note Fail Date Estimated Cost Year Estimated Cost FY	% of Total Fail Date (Years) Estimated Cost FY Year FY Estimated Cost (Yrs) Cycle (Yrs) 100%	Fail Date Estimated Cost Year Estimated Cost (Years) (Years)

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

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

QUEENS PUBLIC LIBRARY - 039 KEW GARDENS HILLS BRANCH LIBRARY

Asset #: 13318

Electrical		Current Repair	Future Replacement	Maintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Lighting					
Interior Lighting					
Under Construction	100%				
Egress Lighting					
Under Construction	100%				
Alarm					
Security System					
Under Construction	100%				
Fire/Smoke Detection					
Under Construction	100%				

Mechanical		Current Repair	Future Replacement	Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating					
Energy Source					
Under Construction	100%				
Conversion Equipment					
Under Construction	100%				
Distribution					
Under Construction	100%				
Terminal Devices					
Under Construction	100%				
Air Conditioning					
Energy Source					
Under Construction	100%				
Conversion Equipment					
Under Construction	100%				
Distribution					
Under Construction	100%				
Terminal Devices					
Under Construction	100%				
Heat Rejection					
Under Construction	100%				
Dehumidifier					
Under Construction	100%				
Ventilation					
Distribution					
Under Construction	100%				
Exhaust Fans					
Under Construction	100%				
Plumbing					
H/C Water Piping					
Under Construction	100%				
Water Heater					
Under Construction	100%				

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

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

QUEENS PUBLIC LIBRARY - 039 KEW GARDENS HILLS BRANCH LIBRARY

Asset #: 13318

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Under Construction	100%							
Sanitary Piping								
Under Construction	100%							
Storm Drain Piping								
Under Construction	100%							
Sump Pump(s)								
Under Construction	100%							
Pool Filter/Treatment								
Under Construction	100%							
Sewage Ejector(s)								
Under Construction	100%							
Backflow Preventer								
Under Construction	100%							
Fixtures								
Under Construction	100%							
Vertical Transport								
Elevators								
Under Construction	100%							
Escalators								
Under Construction	100%							
Fire Suppression								
Standpipe	1000/							
Under Construction	100%							
Sprinkler	1000/							
Under Construction	100%							
Fire Pump	1000/							
Under Construction	100%							
Chemical System	1000/							
Under Construction	100%							

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : LANGSTON HUGHES COMMUNITY LIB. AND CULTURAL CENTER

Address : 100-01 NORTHERN BLVD. CORONA

Borough : QUEENS Agency's Number : LH
Program / Asset # : QPL0003.000 / 4519 Yr Built/Renovated : 1999 /

Area Sq Ft : 24,679 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 12-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1695 Lot : 39 BIN : 4437193

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Mechanical		\$101,800
Total		\$101,800
Importance Code B		\$101,800
Total		\$101 900

Total \$101,800

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$8,200		\$33,800	\$1,700
Interior Architecture	\$52,800	\$2,800		\$10,600
Electrical	\$600	\$500	\$26,100	\$900
Mechanical	\$9,300	\$5,500	\$25,300	\$6,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$74,800	\$12,700	\$89,100	\$23,700
Importance Code A	\$9,400	\$1,200	\$35,100	\$2,900
Importance Code B	\$64,300	\$11,500	\$54,000	\$20,800
Importance Code C	\$1,100			
Total	\$74,800	\$12,700	\$89,100	\$23,700



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

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

Asset #: 4519

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior	-							
Exterior Walls								
Masonry: Brick	83%			LIFE	* *	5	\$29,900	
Masonry: Granite	2%			LIFE	* *	5	\$500	
Metal Panel	10%			2047	* *	5-10	\$24,800	
Window Wall	5%			2047	* *	5	\$6,800	
Windows	050/			2043	* *	5	¢2 400	
Aluminum Glass Block	95% 5%			LIFE	* *	5 5	\$3,400 \$100	
	370			LIFE		3	\$100	
Parapets Concrete Masonry Unit	35%			LIFE	* *	5	\$1,400	
Concrete Masonry Onit		ervation F	xtent : Moderate, 1		ected : 100%	3	\$1,400	
		: Interior		110011990	. 10070			
			red With Tar					
Masonry: Brick	45%			LIFE	* *	5	\$1,600	
Metal Panel	3%			2047	* *	5	\$400	
Metal Rail	15%			2040	* *	5-10	\$9,500	
Pre-Cast Concrete	2%			LIFE	* *	5	\$400	
Roof							ψ	
Metal Panel	5%			2040	* *	10	\$2,400	
Modified Bitumen	90%			2032	* *	10	\$23,500	
Sloped Glazing	5%			LIFE	* *	5	\$17,400	
Interior								
Floors								
Carpet	45%			2026	\$219,700	3	\$33,200	
Carpet	5%		\$24,400	2029	\$24,400	3	\$2,800	
		-	ents, Extent : Seve	re, Area	Affected : 100%			
		: Research						
			nt, Extent : Severe,	Area Aff	ected : 100%			
		: Research						
			xtent : Severe, Are	a Affecte	d: 25%			
		: Research	i Center					
Ceramic Tile	15%			2036	* *	5	\$5,500	
Vinyl Tile	30%			2032	* *	3	\$5,500	
Wood	5%			2055	* *	5	\$3,500	
Interior Walls	250/			TIPP	ψ ψ	-	Φ. 7.1 00	
Concrete Masonry Unit	25%	NT.	Φ1 100	LIFE	* *	5	\$5,100	
Gypsum Board		Now	\$1,100	LIFE		5	\$1,500	
	_	_	Extent : Moderate Research Center	, Area Ą	ffeciea : 10%			
			xesearch Cenier xtent : Moderate, A	lrag Aff	nated + 150/			
			xtent : Moaerate, 1 Research Center	11eu AjJe	ией. 1570			
C		. Siuli A, I	research Cemer	TIPP	* *	-	#21 400	
Gypsum Board	70%			LIFE	~ ^	5	\$21,400	

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

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

Asset #: 4519

Architecture		Current F	lepair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings								
AcousTileSusp.Lay-In	70%			2040	* *	5	\$25,900	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	15%	Now	\$2,900	LIFE	* *	5	\$6,900	
	Cracking/0	Crumbling,	Extent : Moderate	, Area A	ffected : 10%			
	Location	: Auditorii	ım, Stair A					
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	ected : 10%			
	Location	: Auditorii	ım, Stair A					
Wood	10%			LIFE	* *	5	\$32,300	

Electrical	Current Repair		Futu	re Replacement	Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2047	* *	5	\$100	
		servation, Extent : Moderate,	Area Affe	ected : 100%			
		ı : Electrical Room					
	Explana	tion : One 1600 Amperes Mai	n Discon	nect Switch			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2047	* *	5	\$700	
Raceway							
Conduit	100%		2047	* *	1		
Panelboards							
Fused Disc Sw	5%		2043	* *	5		
Molded Case Bkrs	95%		2043	* *	5	\$600	
Wiring							
Thermoplastic	100%		2047	* *	1		
Motor Controllers							
Locally Mounted	100%	1	2040	* *	5	\$200	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$400	
Lighting							
Interior Lighting							
Fluorescent	94%		2032	* *	10	\$21,300	
		servation, Extent : Light, Area	Affected	l : 100%			
		n: Throughout The Building					
	Explana	tion: T-8 Lamps					
Fluorescent	4%		2032	* *	10	\$900	-
	Other Ob:	servation, Extent : Moderate, .	Area Affe	ected : 100%			
	Location	ı: 1st Floor					
	Explana	tion : Compact Fluorescent L	amps				
Incandescent	2%		2032	* *	2		

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

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

Ass	et	#	:	45°	19
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Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Battery	50%		2032	* *	10	\$3,000	
Exit, LED	50%		2055	* *	1		
Exterior Lighting							
HID	100%		2032	* *	10	\$100	
Alarm							
Security System							
No Component	80%						
Generic	20%		2032	* *	1	\$1,800	
Fire/Smoke Detection							
No Component	80%						
Generic, Digital	20%		2032	* *	1-3	\$3,100	

Mechanical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	ate Estimated Cost s)	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	\$12,200	
		ı, Extent : Light, Area	Affected	! : 100%			
		nent Boiler Room					
	Explanation: 1 \	Unit					
Distribution							
Hot Wtr Piping/Pump	100%		2043	* *	4	\$1,200	
Terminal Devices							
Air Handler	60%		2032	* *	1	\$9,200	
Convector/Radiator	40%		2040	* *	1	\$3,200	
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment							
Int Pkg Unit - Heating/Cooling	20%		2028	\$101,800	2	\$300	
8 8	R-22 Refrigerant,	Extent : Light, Area A	ffected :	20%			
	Location: 1 Uni	t For Auditorium					
Reciprocating Compr/Chiller	80%		2032	* *	1	\$9,200	
•	R-22 Refrigerant, Location: Basen	Extent : Light, Area A	ffected :	80%			
			A CC	1 000/			
		ı, Extent : Light, Area	Affected	: 80%			
	Location : Basen						
	Explanation: 2 (∪nitS					

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

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

Asset #: 4519

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Distribution							
CW & CHW Wtr	80%		2047	* *	4	\$1,000	
Pipe/Pump							
No Component	20%						
Terminal Devices							
Air Handler/Cool/Ht	80%		2032	* *	1	\$12,200	
No Component	20%						
Heat Rejection							
Air Cooled Condenser	100%		2032	* *	2	\$17,200	
Unit							
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$13,800	
Exhaust Fans							
Roof	70%		2032	* *	2	\$500	
Roof	30%		2032	* *	2	\$200	
Plumbing							
H/C Water Piping	1000/		20.45	* *			
Brass/Copper	100%		2047	* *	1		
Water Heater	1000/		2022	¢14.600	2	0.400	
Gas Fired	100%		2022	\$14,600	2	\$400	
Sanitary Piping	1000/		LIEE	* *	1		
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	1000/		LIEE	* *	1		
Cast Iron	100%		LIFE		1		
Sewage Ejector(s) Electric	100%		2032	* *	4	\$1,500	
Fixtures	100%		2032		4	\$1,300	
Fixtures Generic	100%						
Vertical Transport	10070						
Elevators							
Hydraulic	100%		LIFE	* *			
11y di didile		ervation, Extent : Light, Area		: 100%			
	Location		<i>,,,</i>				
		tion : 1 Unit					
Fire Suppression	T						
Sprinkler							
Generic	100%		2047	* *	1-2	\$6,900	

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : LAURELTON BRANCH LIBRARY

Address : 134-26 225TH ST.

Borough : QUEENS Agency's Number : LA

Area Sq Ft : 8,986 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 31-Mar-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 13105 Lot : 7 BIN : 4281443

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Electrical	\$79,200	\$9,300
Mechanical	\$61,300	\$156,900
Total	\$140,500	\$166,300
Importance Code B	\$140,500	\$166,300
Total	\$140,500	\$166,300

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$56,600			
Interior Architecture	\$11,500			\$4,200
Electrical	\$20,500	\$400	\$13,700	\$300
Mechanical	\$1,800	\$3,400	\$7,800	\$3,400
Site Pavements	\$400			
Total	\$90,900	\$3,700	\$21,600	\$7,900
Importance Code A	\$57,100	\$400	\$500	\$400
Importance Code B	\$33,400	\$3,300	\$21,100	\$7,500
Importance Code C	\$400			
Total	\$90,900	\$3,700	\$21,600	\$7,900



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

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

Asset #: 13297

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Da Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls							
Cast Stone/Terra Cotta		\$1,200 od, Extent : Light, A w And Door Suround			5	\$3,200	
Ceramic Tile	10%		2047	* *	10	\$1,900	
Masonry: Brick	68% 4+	\$21,800	LIFE	* *	5	\$14,000	
•		od, Extent : Modera apet Level Througho		ffected : 20%			
Masonry: Fieldstone	20% Now	\$18,400	LIFE	**	5	\$3,100	
	Location: Throu	rod, Extent : Light, A ghout	rea А ဌјес	tea : 20%			
Windows		-					
Aluminum	100% Now	\$2,000 ated, Extent : Modera	2035 ate Area	* * Affected : 100%	5	\$1,100	
	Location : Throu		iic, 111 ca 1	ijjecica i 10070			
		Extent : Light, Area	Affected	: 100%			
	Location: Through	ghout ermally Inefficient					
Parapets	Explanation . The	ermany megjietem					
Masonry: Brick		\$7,100 rod, Extent : Light, A Roof At Front Of Bui		* * ted : 2%	5	\$2,400	
Masonry: Limestone	20%		LIFE	* *	5	\$700	
Roof							
Modified Bitumen	Location: Throu	-		**			
		tent : Light, Area Aff Roof At Rear Of Libr		%			
nterior			-				
Floors	500/		2026	#00.000	2	Ø12 400	
Carpet	50%		2026	\$88,900 * *	3	\$13,400	
Vinyl Tile Interior Walls	50%		2032		3	\$3,400	
Glass: Single Pane	10%		LIFE	* *	5	\$2,100	
Gypsum Board	60%		LIFE	* *	5	\$10,200	
Plaster	30%		LIFE	* *	5	\$2,600	
		ent : Light, Area Affe of Hatch				4-,0	

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

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

Asset #: 13297

Architecture		Current F	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	85%			2040	* *	5	\$14,300	
AcousTileSusp.Lay-In	5%	4+	\$100	2032	* *	5	\$300	
	Staining/L	Discoloring,	Extent : Light, Ar	ea Affect	ed : 2%			
	Location	: Commun	ity Meeting Room					
Exposed Concrete	10%			LIFE	* *	5	\$200	
•	Paint Pee	ling, Extent	: Light, Area Affec	cted : 2%	ó			
	Location	: Basemen	t					
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	\$400	2032	* *			
	Cracking/	Crumbling,	Extent : Light, Are	ea Affecto	ed : 1%			
	Location	: Concrete	Stair At Side Entr	ance				

Electrical		Current Repair		Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Estima (Years)	ated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2027	\$1,500	5		
	Other Obse	rvation, Extent : 1	Light, Area	Affected	: 100%			
	Location :	Electrical Room						
	Explanation	on : One 600 Amp	ere Main L	isconne	ct Switch			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$33,500	5	\$200	
Raceway								
Conduit	20%			2037	* *	1		
Conduit	80%			2027	\$26,000	1		
Panelboards								
Molded Case Bkrs	20%			2026	\$3,100	5		
Molded Case Bkrs	80%			2035	* *	5	\$200	
Wiring								
Braided Cloth	70%	2-4	\$20,100	2052	* *	1		
	Insulation A	ged, Extent : Mo	derate, Ared	a Affecte	ed: 100%			
	Location :	Basement, First	Floor					
Thermoplastic	30%			2037	* *	1		
Motor Controllers								
Locally Mounted	100%			2032	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
		rvation, Extent : l Basement	Moderate, A	rea Affe	ected : 100%			
			Wire To The	Water	Main Including Th	e Jumper	r Are Under Sized	
Lighting								

Lighting

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

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

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

Asset #: 13297

Electrical	Current Repair	Futui	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	85%	2022	\$79,200	10	\$7,000	
	Other Observation, Extent : Light, Are	a Affectea	! : 100%			
	Location: Throughout The Building					
	Explanation: Using T-12 Lamps					
Fluorescent	10%	2027	\$9,300	10	\$800	
	Other Observation, Extent : Light, Area Affected : 100%					
	Location : First Floor					
	Explanation: Using T-8 Lamps					
HID	3%	2022	\$1,900	10		
Incandescent	2%	2022	\$1,900	2		
Egress Lighting						
Emergency, Battery	50%	2027	\$6,300	10	\$1,100	
Exit, Battery	50%	2022	\$2,100	10	\$300	
Exterior Lighting						
HID	35%	2027	\$12,300	10		
HID	60%	2032	* *	10		
Incandescent	5%	2027	\$1,500	2		
Alarm						
Security System						
Generic	100%	2032	* *	1	\$3,400	

Mechanical		Current Repair	Future Replacement Maintenance		aintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2037	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2032	* *	1	\$4,400	
Distribution							
Hot Wtr Piping/Pump	100%		2043	* *	4	\$400	
Terminal Devices							
Air Handler	50%		2022	\$61,300	1	\$2,800	
Convector/Radiator	50%		2025	\$23,300	1	\$1,500	
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment							
Reciprocating	80%		2027	\$59,200	1	\$3,300	
Compr/Chiller							
Exterior Pkg Unit -	20%		2035	* *	2	\$100	
Cooling							
Distribution							
CW & CHW Wtr	100%		2037	* *	4	\$700	
Pipe/Pump							

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

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

Asset #: 13297

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cos FY	st Cycle Estimated Cost (Yrs)	Priority
Air Conditioning				
Terminal Devices				
Air Handler/Cool/Ht	100%	2027 \$97,80	0 1 \$5,600	
Heat Rejection				
Air Cooled Condenser	100%	2027 \$17,60	0 2 \$6,300	
Unit				
Ventilation				
Distribution				
Ductwork/Diffusers	100%	LIFE *	* 2-5 \$5,000	
Exhaust Fans				
Interior	50%	2027 \$15,50	0 2 \$100	
Roof	50%	2027 \$7,20	0 2 \$100	
Plumbing				
H/C Water Piping				
Galvanized Steel	100%	2032 *	* 1	
Water Heater				
Gas Fired	100%	2022 \$5,30	0 2 \$100	
	Other Observation, Extent: Light,	Area Affected : 100%		
	Location: Basement			
	Explanation: 50 Gallons			
Sanitary Piping				
Cast Iron	100%	LIFE *	* 1	
Storm Drain Piping				
Cast Iron	100%	LIFE *	* 1	
Backflow Preventer				
Generic	100%	2032 *	* 1 \$600	
Fixtures				
Generic	100%			

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : LEFFERTS BRANCH LIBRARY

Address : 103-34 LEFFERTS BLVD.

Borough : QUEENS Agency's Number : LRC

Area Sq Ft : 6,942 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 10-May-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 9556 Lot : 20 BIN : 4203685

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$9,100		\$1,500	
Interior Architecture	\$2,500	\$200	\$3,600	\$300
Electrical	\$800	\$600	\$7,200	\$900
Mechanical	\$500	\$400	\$3,800	\$400
Total	\$12,900	\$1,200	\$16,200	\$1,500
Importance Code A	\$9,500	\$300	\$1,900	\$300
Importance Code B	\$3,400	\$700	\$14,200	\$1,200
Importance Code C		\$200		
Total	\$12,900	\$1,200	\$16,200	\$1,500



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

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

QUEENS PUBLIC LIBRARY - 039 LEFFERTS BRANCH LIBRARY

Asset #: 13298

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	\$14,500	
Pre-Cast Concrete	5%			LIFE	* *	5	\$2,600	
Window Wall	5%			2047	* *	5	\$3,000	
Windows			*			_		
Aluminum	98%	0-2	\$6,600	2043	**	5	\$800	
	_		d, Extent : Modera	te, Area	Affected: 25%			
		: Through	out					
Metal Louvers	2%			2036	* *	10	\$200	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	\$3,200	
Metal: Cage/Fence	15%			2040	* *	5-10	\$4,400	
Roof	4000/					4.0		
Modified Bitumen	100%			2035	* *	10	\$20,000	
nterior								
Floors	70%			2020	¢06 100	2	¢10,000	
Carpet Cast in Place Concrete	70% 5%			2028 LIFE	\$96,100 * *	3 5	\$10,900 \$1,100	
Cast in Place Concrete Ceramic Tile	5%	2-4	\$200	2036	* *	5	\$300	
			\$200 ents, Extent : Ligh		ffected · 2%	3	\$300	
		: Women I	_	,, 11, 00, 11,	gjeetea : 270			
Vinyl Tile	20%			2035	* *	3	\$1,000	
Interior Walls							\$1,000	
Ceramic Tile	5%			2036	* *	5	\$300	
Concrete Masonry Unit	80%			LIFE	* *	5	\$2,100	
Glass: Single Pane	5%			LIFE	* *	5	\$200	
Gypsum Board	10%			LIFE	* *	5	\$400	
Ceilings								
AcousTileConcealSpLn	10%			2040	* *	5	\$1,300	
AcousTileSusp.Lay-In	80%	2-4	\$1,400	2044	* *	5	\$4,100	
-	Staining/L	iscoloring,	Extent: Light, Are	ea Affect	ed : 2%			
	Location	: Water D	amage At Entrance	?				
Exposed Struc: Steel	10%			LIFE	* *			
ite Enclosure								
Fence/Gates								
Iron Picket	100%			2047	* *			
ite Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2032	* *			

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

Under 600 Volts

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

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

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

QUEENS PUBLIC LIBRARY - 039 LEFFERTS BRANCH LIBRARY

Asset #: 13298

Electrical	Current Re	pair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date F Total (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, Ext	ent : Light, Area A	ffected	: 100%			
	Location: Basement						
	Explanation : 225 Ma	in Circuit Breaker					
Switchgear / Switchboard							
Molded Case Bkrs	100%		2027	\$33,500	5	\$200	
Raceway							
Conduit	90%		2047	* *	1		
Conduit	10%		2037	* *	1		
Panelboards							
Molded Case Bkrs	100%		2043	* *	5	\$200	
Wiring							
Thermoplastic	90%		2047	* *	1		
Thermoplastic	10%		2037	* *	1		
Motor Controllers					_		
Locally Mounted	100%		2032	* *	5		
Ground							
Grounding Devices	1000/		, IDE	* *	_	0100	
Generic	100%		LIFE	T T	5	\$100	
Lighting							
Interior Lighting	100%		2022	* *	10	¢c 400	
Fluorescent	T-12 Lamps And Fixtur		2032		10	\$6,400	
	Location : Throughou	_	нгеи ң	<i>Jeciea</i> . 10070			
E I ' . 1.4'	Locuiton . Intoughou						
Egress Lighting Emergency, Service	50%		2032	* *	1		
Exit, Service	50%		2032	* *	1		
	3070	<u> </u>	2032		1		
Exterior Lighting	1000/		2027	\$27.200	10		
HID	100%		2027	\$27,200	10		
Alarm							
Security System Generic	100%		2032	* *	1	\$2,600	
Fire/Smoke Detection	10070		2032		1	\$2,000	
Generic, Digital	100%		2032	* *	1-3	\$4,400	
Generic, Digital	10070		2032		1-3	\$ 4,4 00	

Mechanical	Cu	rrent Repair	Futur	e Replacement	Maintenance		
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Furnace	100%		2032	* *	1	\$3,400	
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,900	

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

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

QUEENS PUBLIC LIBRARY - 039 LEFFERTS BRANCH LIBRARY

Asset #: 13298

Mechanical	Current Repair	Future Repl	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Estim FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2043	* *	1		
Conversion Equipment						
Ext Pkg Unit -	100%	2032	* *	2	\$400	
Heating/Cooling						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2	\$9,000	
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$3,900	
Exhaust Fans						
Roof	100%	2032	* *	2	\$200	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2047	* *	1		
Water Heater						
Gas Fired	100%	2025	\$4,100	2	\$100	
		: Light, Area Affected : 100%	6			
	Location : 2nd Floor Med					
	Explanation: 1-40 Gallor	ı				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
No Component	95%					
Generic	5%	2047	* *	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.

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : LONG ISLAND CITY COMMUNITY LIBRARY

Address : 37-44 21ST STREET

Borough : QUEENS Agency's Number : LIC
Program / Asset # : QPL0005.000 / 14111 Yr Built/Renovated : 2007 /

Area Sq Ft : 19,327 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 07-Jun-2017 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 363 Lot : 1 BIN : 4463561

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$355,000	
Interior Architecture	\$43,800	
Total	\$398,700	
Importance Code A	\$355,000	
Importance Code C	\$43,800	
Total	\$398,700	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$4,200			
Interior Architecture	\$17,400	\$4,500		\$4,300
Electrical	\$1,300	\$1,600	\$1,300	\$21,300
Mechanical	\$4,800	\$7,100	\$5,900	\$7,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$31,600	\$17,100	\$11,100	\$36,700
Importance Code A	\$5,200	\$1,000	\$1,000	\$1,000
Importance Code B	\$26,400	\$15,800	\$10,100	\$35,700
Importance Code C		\$300		
Total	\$31,600	\$17,100	\$11,100	\$36,700



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

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

Asset #: 14111

Architecture	C	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior	ı						
Exterior Walls							
Masonry: Brick	70%		LIFE	* *	5	\$24,800	
Metal Panel	5%		2054	* *	5-10	\$12,200	
Granite Panels	5%		LIFE	* *	5	\$1,300	
Pre-Cast Concrete	15%		LIFE	* *	5	\$17,300	
Stucco Cement	5%		2045	* *	5	\$4,400	
Windows							
Aluminum	95%		2050	* *	5	\$1,600	
Glass Block	5%		LIFE	* *	5	\$100	
Parapets							
Metal Panel	5%		2054	* *	5	\$500	
Metal Rail	25%	4+ \$800	2045	**	5	\$4,200	
		vation, Extent : Moderate, A	Area Affe	ected: 5%			
	Location:		D'. 1 D	1 . OCB !!!			
		n : Some Leaking Through I					
Pre-Cast Concrete	65%		LIFE	* *	5	\$9,600	
Pre-Cast Concrete	5%	·	LIFE	**	5	\$700	
		Miss/Erod, Extent : Moderat	e, Area 1	Affected: 50%			
	Location:		4 - 4	ACC1-1-500/			
	Location :	teriorated, Extent : Modera Coping	te, Area	Ајјестеа : 50%			
Roof							
Modified Bitumen	100%	. ,	2038	* *			
	Miss/Damag Location :	ed Flashings, Extent : Mode West Side	erate, Ar	ea Affectea : 25%			
		ration, Extent : Moderate, A Stair B, Custodians Office	rea Affe	cted : 10%			
	Other Obser	vation, Extent : Severe, Area	a Affecte	d: 80%			
	Location :	Main Roof					
	Explanation	n : Air Pockets,Trapped Wa	ter And	Adhesion Failure			
Interior							
Floors							
Carpet	30%		2029	\$114,700	3	\$17,400	
Ceramic Tile	15%		2041	* *	5	\$4,300	
Vinyl Tile	55%		2036	* *	3	\$6,000	
Interior Walls							
Ceramic Tile	3%		2041	* *	5	\$600	
Folding Partition	5%	4+ \$43,800	2050	**	5	\$1,300	
	-	ible, Extent : Severe, Area A Main Floor	ffected :	100%			
C1 C'1 - D		Munt Pittor	LIDD	* *		#200	
Glass: Single Pane	2%		LIFE	**	5	\$300	
Gypsum Board	90%		LIFE	* *	5	\$11,500	

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

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

Asset #: 14111

Architecture	Current Repair	Future Replacement	N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority
Interior					
Ceilings					
AcousTileSusp.Lay-In	90%	2045 **	* 5	\$26,000	
	Water Penetration, Extent: Moderate,	Area Affected : 10%			
	Location : Custodian Office, Stair B	And Library Area			
Gypsum Board	10%	LIFE *:	* 5	\$3,600	
Site Pavements					
Public Sidewalk					
Cast in Place Concrete	100%	2041 **	k		

Electrical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2048	**	5	\$100	
	Other Observation, Extent : Moder	ate, Area Affecte	ed : 100%			
	Location: Electrical Room	1 D . 14.1200	3. 4			
G ': 1 / G ': 11 1	Explanation : Main Service Switch	n Ratea At 1200	Amperes			
Switchgear / Switchboard	1000/	20.49	* *	-	¢500	
Molded Case Bkrs	100%	2048		5	\$500	
Raceway Conduit	100%	2048	* *	1		
Panelboards	100%	2048		1		
Fused Disc Sw	5%	2044	* *	5		
Molded Case Bkrs	95%	2044	* *	5	\$500	
Wiring	9370	2044			\$300	
Thermoplastic	100%	2048	* *	1		
Motor Controllers	10070	2040		1		
Locally Mounted	100%	2041	* *	5	\$100	
Ground	10070				\$100	
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
Lighting					·	
Interior Lighting						
Fluorescent	60%	2033	* *	10	\$10,600	
	T-5 Lamps And Fixtures, Extent : M	Aoderate, Area A	Affected: 100%			
	Location: Throughout The Build	ing				
Fluorescent	20%	2033	* *	10	\$3,500	
	Other Observation, Extent: Moder	ate, Area Affecte	ed : 100%			
	Location: Throughout The Build	ing				
	Explanation: Compact Fluoresce	ent Lamps				
Fluorescent	18%	2033	* *	10	\$3,200	
	T-8 Lamps And Fixtures, Extent: N	Aoderate, Area A	Affected : 100%			
	Location : Throughout The Build					
Incandescent	2%	2033	* *	2		

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

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

Asset #: 14111

Electrical	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Egress Lighting						
Emergency, Battery	50%	2033	* *	10	\$2,300	
Exit, Service	50%	2033	* *	1		
Exterior Lighting						
HID	50%	2033	* *	10		
Incandescent	50%	2033	* *	2		
Alarm						
Security System						
No Component	30%					
Generic	70%	2033	* *	1	\$5,100	
	Other Observation, Extent:	Moderate, Area Affected : 10	0%			
	Location : Throughout The	Building				
	Explanation: CCTV Surve	illance Cameras				
Fire/Smoke Detection						
No Component	30%					
Generic, Digital	70%	2033	* *	1-3	\$8,300	

Mechanical	Current F	t Repair Future Replacer		e Replacement	ement Maintenance		
System Component Type	% of Fail Date Total (Years)		ear Y	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating							
Energy Source							
Natural Gas	100%	20	48	* *	1		
Conversion Equipment							
Hot Water Boiler	100%	20	41	* *	1	\$9,600	
	Other Observation, E.	xtent : Light, Area Affe	cted	: 100%			
	Location: Basemen	t Boiler Room					
	Explanation: 2 Uni	ts					
Distribution							
Hot Wtr Piping/Pump	100%	20	44	* *	4	\$1,400	
Terminal Devices							
Air Handler	90%	20	33	* *	1	\$10,800	
Convector/Radiator	10%	20	41	* *	1	\$600	
ir Conditioning							
Energy Source							
Electricity	100%	20	44	* *	1		
Conversion Equipment							
Reciprocating	100%	20	33	* *	1	\$9,000	
Compr/Chiller							
	R-22 Refrigerant, Ext	ent : Light, Area Affect	ed:	100%			
	Location: Penthous	re					
Terminal Devices							
Air Handler/Cool/Ht	100%	20	33	* *	1	\$12,000	
Heat Rejection							
Air Cooled Condenser	100%	20	33	* *	2	\$13,500	
Unit							

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

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

Asset #: 14111

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,800	
Exhaust Fans							
Roof	100%		2033	* *	2	\$600	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2048	* *	1		
Water Heater							
Gas Fired	100%		2026	\$11,400	2	\$300	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
Generic	100%		2033	* *	1	\$1,200	
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
	Other Obs	ervation, Extent : Light, Area	ı Affected	! : 100%			
	Location	<i>i</i> : 1-2					
	Explana	tion : 1 Unit					

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : MASPETH BRANCH LIBRARY

Address : 69-70 GRAND AVE.

Borough : QUEENS Agency's Number : MA

Area Sq Ft : 7,200 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 25-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2796 Lot : 8 BIN : 4062709

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$284,000
Interior Architecture	\$85,800	\$38,000
Electrical	\$148,200	\$3,700
Mechanical	\$86,700	\$261,400
Total	\$320,600	\$587,100
Importance Code A	\$45,200	\$284,000
Importance Code B	\$275,400	\$303,100
Total	\$320,600	\$587,100

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$23,100			
Interior Architecture	\$500		\$2,500	\$700
Electrical	\$57,300	\$700	\$16,300	\$14,800
Mechanical	\$2,400	\$1,700	\$7,300	\$1,700
Total	\$83,300	\$2,400	\$26,100	\$17,200
Importance Code A	\$23,800	\$700	\$700	\$700
Importance Code B	\$59,500	\$1,700	\$25,400	\$16,500
Importance Code C				
Total	\$83,300	\$2,400	\$26,100	\$17,200



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

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

QUEENS PUBLIC LIBRARY - 039 MASPETH BRANCH LIBRARY

Asset #: 13300

		Current F	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior	-							
Exterior Walls								
Copper/Terne	3%			2044	* *	10	\$800	
Masonry: Brick	60%			LIFE	* *	5	\$6,800	
Masonry: Brick	Location	r Miss/Erod : North Fd	\$9,600 l, Extent : Moderai cade nt : Moderate, Are			5	\$3,100	
			ade, North Facade					
Masonry: Marble	5%			LIFE	* *	5	\$400	
Metal Panel	5%			2044	* *	5-10	\$3,900	
Windows				2011		2 10	ψ3,700	
Aluminum	Hardware Location Unit Inope	: Through	ent : Moderate, Are			5	\$500	
Parapets								
Copper/Terne	20%			2044	* *	5	\$1,100	
Masonry: Brick	75%			LIFE	* *	5	\$900	
Masonry: Limestone		r Miss/Eroc	\$600 l, Extent : Moderat	LIFE e, Area	* * Affected : 50%	5	\$100	
	Caulking I		d, Extent : Modera	te, Area	Affected : 50%			
Roof	Caulking I		d, Extent : Modera	te, Area	Affected : 50%			
Roof Modified Bitumen	Caulking I	Deteriorate	d, Extent : Moderc	2029	Affected: 50%	10	\$20,200	
Modified Bitumen erior	Caulking I Location	Deteriorate	d, Extent : Modera			10	\$20,200	
Modified Bitumen erior Floors	Caulking I Location	Deteriorate	d, Extent : Modera	2029	\$284,000			
Modified Bitumen erior Floors Carpet	Caulking I Location 100%	Deteriorate	d, Extent : Modera	2029	\$284,000 \$67,000	3	\$7,600	
Modified Bitumen erior Floors Carpet Cast in Place Concrete	Caulking I Location 100% 47% 10%	Deteriorate	d, Extent : Moderc	2029 2025 LIFE	\$284,000 \$67,000 * *	3 5	\$7,600 \$2,400	
Modified Bitumen erior Floors Carpet Cast in Place Concrete Ceramic Tile	Caulking I Location 100% 47% 10% 3%	Deteriorate	d, Extent : Moderc	2029 2025 LIFE 2033	\$284,000 \$67,000 **	3 5 5	\$7,600 \$2,400 \$300	
Modified Bitumen erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile	Caulking I Location 100% 47% 10%	Deteriorate	d, Extent : Modera	2029 2025 LIFE	\$284,000 \$67,000 * *	3 5	\$7,600 \$2,400	
Modified Bitumen erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls	100% 47% 10% 3% 40%	Deteriorate	d, Extent : Modera	2029 2025 LIFE 2033 2029	\$284,000 \$67,000 ** ** \$38,000	3 5 5 3	\$7,600 \$2,400 \$300 \$2,200	
Modified Bitumen erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit	Caulking I Location 100% 47% 10% 3% 40%	Deteriorate	d, Extent : Modera	2029 2025 LIFE 2033 2029 LIFE	\$284,000 \$67,000 ** ** \$38,000	3 5 5 3	\$7,600 \$2,400 \$300 \$2,200	
Modified Bitumen erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit Glass: Single Pane	100% 47% 10% 3% 40% 90% 1%	Deteriorate	d, Extent : Modera	2029 2025 LIFE 2033 2029 LIFE LIFE	\$284,000 \$67,000 ** ** \$38,000	3 5 5 3	\$7,600 \$2,400 \$300 \$2,200 \$4,400 \$100	
Modified Bitumen erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit Glass: Single Pane Gypsum Board	100% 47% 10% 3% 40% 90% 1% 7%	Deteriorate	d, Extent : Modera	2029 2025 LIFE 2033 2029 LIFE LIFE LIFE	\$284,000 \$67,000 ** ** \$38,000	3 5 5 3	\$7,600 \$2,400 \$300 \$2,200	
Modified Bitumen erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit Glass: Single Pane Gypsum Board Metal Panel	100% 47% 10% 3% 40% 90% 1%	Deteriorate	d, Extent : Modera	2029 2025 LIFE 2033 2029 LIFE LIFE	\$284,000 \$67,000 ** ** \$38,000	3 5 5 3	\$7,600 \$2,400 \$300 \$2,200 \$4,400 \$100	
Modified Bitumen erior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Concrete Masonry Unit Glass: Single Pane Gypsum Board	Caulking In Location 100% 47% 10% 3% 40% 90% 1% 7% 2% 95% Broken/Mit Location Staining/L	Deteriorate : Coping 2-4 issing Elem : Directly	\$85,800 ents, Extent : Mod Under Southwest I Extent : Moderate	2029 2025 LIFE 2033 2029 LIFE LIFE LIFE LIFE 2044 erate, Ar	\$284,000 \$67,000 ** ** \$38,000 ** ** ** ** **	3 5 5 3	\$7,600 \$2,400 \$300 \$2,200 \$4,400 \$100	

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

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

QUEENS PUBLIC LIBRARY - 039 MASPETH BRANCH LIBRARY

Asset #: 13300

Electrical	Current Rep	air Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Molded Case Bkrs	100% Other Observation, Exter Location : Electrical Re Explanation : One 400	oom		5	\$200	
Switchgear / Switchboard Molded Case Bkrs	100%	2024	\$33,500	5	\$200	
Raceway Conduit Conduit	90% 10%	2024 2044	\$29,200 * *	1 1		
Panelboards Molded Case Bkrs Molded Case Bkrs	90% 10%	2023 2040	\$13,900 * *	5 5	\$200	
Wiring Thermoplastic Thermoplastic	90% 10%	2024 2044	\$25,900 * *	1 1		
Motor Controllers Locally Mounted Ground	100%	2022	\$15,600	5		
Grounding Devices Generic	100%	LIFE	* *	5	\$100	
Lighting Interior Lighting Fluorescent	95% T-12 Lamps And Fixtures Location : Throughout		\$70,900 rea Affected : 100%	10	\$6,300	
Fluorescent	5% Other Observation, Exter Location : Hallways Explanation : Compact	••		10	\$300	
Egress Lighting Emergency, Battery Exit, Service	50% 50%	2029 2029	\$5,000 \$500	10 1	\$900	
Exterior Lighting HID	100%	2020	\$28,200	10		
Alarm Security System Generic	100% Other Observation, Exter Location : Throughout Explanation : Intrusion	The Building		1	\$2,700	
Fire/Smoke Detection Generic	100% 2-4 Other Observation, Exter Location : Throughout Explanation : Manual I	\$77,200 2034 at : Moderate, Area Affe	* * ected : 100%	1-3	\$4,000	

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

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

QUEENS PUBLIC LIBRARY - 039 MASPETH BRANCH LIBRARY

Asset #: 13300

Mechanical	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment	1000/			2022	4.5.2 00		05.100	
Steam Boiler	100%		7 · 1 · 1 · 1	2022	\$45,200	1	\$7,100	
			Extent : Light, Area	Affectea	l : 100%			
		: Boiler R						
D'ata'l at'an	Explanal	tion: 1 Uni	tt .					
Distribution Central Plant Steam Piping/Pmp	100%			2024	\$118,200	4	\$500	
Terminal Devices								
Air Handler	90%			2024	\$88,400	1	\$4,000	
Convector/Radiator	10%			2029	\$3,700	1	\$200	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	70%	0-2	\$41,500	2034	* *	1	\$2,100	
Compil Cimiler	-	rating, Exte : Boiler R	ent : Severe, Area A oom	Affected :	70%			
		Equipment, : Mechani	Extent : Severe, A cal Room	rea Affec	eted : 70%			
	R-22 Refri Location	_	tent : Light, Area A	Affected :	70%			
Exterior Pkg Unit - Cooling	30%			2029	\$17,000	2	\$100	
Ü	R-22 Refri Location	0	tent : Light, Area A	Affected :	30%			
Terminal Devices								
Air Handler/Cool/Ht	70%			2024	\$54,800	1	\$3,100	
No Component	30%							
Heat Rejection Air Cooled Condenser Unit	70%			2024	\$9,900	2	\$3,500	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,000	
Exhaust Fans								
Interior	70%			2024	\$17,400	2	\$200	
Roof	30%			2024	\$3,500	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater Gas Fired	100%			2022	\$4,300	2	\$100	

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

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

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QUEENS PUBLIC LIBRARY - 039 MASPETH BRANCH LIBRARY

Asset #: 13300

Mechanical	Current Repair	Future Rep	lacement	Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Estin FY		Cycle Estimated Cost (Yrs)	Priority
Plumbing					
Sanitary Piping					
Cast Iron	100%	LIFE	* *	1	
Storm Drain Piping					
Cast Iron	100%	LIFE	* *	1	
Fixtures					
Generic	100%				

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : MCGOLDRICK BRANCH LIBRARY

Address : 155-06 ROOSEVELT AVE.

Borough : QUEENS Agency's Number : MG

Area Sq Ft : 7,770 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 19-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 5275 Lot : 102 BIN : 4119345

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$61,300	\$306,400
Electrical		\$163,900
Mechanical	\$142,600	
Total	\$203,900	\$470,300
Importance Code A	\$119,400	\$306,400
Importance Code B	\$84,500	\$163,900
Total	\$203,900	\$470,300

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$800			
Interior Architecture	\$900	\$6,500	\$1,900	\$900
Electrical	\$900	\$700	\$700	\$13,300
Mechanical	\$300	\$2,000	\$6,200	\$2,000
Total	\$2,900	\$9,300	\$8,800	\$16,200
Importance Code A	\$800	\$400	\$400	\$400
Importance Code B	\$2,000	\$8,900	\$8,200	\$15,800
Importance Code C			\$200	
Total	\$2,900	\$9,300	\$8,800	\$16,200



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

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

QUEENS PUBLIC LIBRARY - 039 MCGOLDRICK BRANCH LIBRARY

Asset #: 13299

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Exterior Walls Concrete Masonry Unit	60% Other Observation, Extent: Light, Area Location: North And West Facades	LIFE ** Affected: 100%	5	\$4,500	
	Explanation: Ribbed Face Units				
Concrete Masonry Unit Metal Panel	30% 10%	LIFE ** 2044 **	5 5-10	\$2,300 \$8,300	
	Other Observation, Extent : Moderate, A Location : Exterior Corner Explanation : Standing Seam Metal Fo				
Windows			_		
Aluminum	100%	2040 **	5	\$1,700	
Roof Modified Bitumen	100% Now \$61,300 Drains Inad/Misposn, Extent: Moderate Location: Throughout				
	Seams Open/Split, Extent: Moderate, A Location: Over Office Water Penetration, Extent: Moderate, A				
	Location: Throughout	Area Affectea : 10%			
Interior	<u> </u>				
Floors					
Carpet	27% Recent Installation, Extent: Light, Area Location: First Floor	2025 \$41,500 Affected: 100%	3	\$4,700	
Cast in Place Concrete	10%	LIFE **	5	\$2,500	
Ceramic Tile	3%	2037 **	5	\$300	
Vinyl Tile	60% Recent Replace Evident, Extent: Light, Location: Throughout	2032 ** Area Affected : 100%	3	\$3,500	
Interior Walls					
Ceramic Tile	3%	2037 **	5	\$400	
Concrete Masonry Unit	60%	LIFE **	5	\$3,000	
Glass: Single Pane	2%	LIFE **	5	\$200	
Gypsum Board	35% Recent Replace Evident, Extent : Light, Location : Throughout	LIFE ** Area Affected : 100%	5	\$2,600	
Ceilings					
AcousTileConcealSpLn	Recent Replace Evident, Extent : Light,	2041 ** Area Affected : 100%	5	\$13,100	
	Location: Throughout Staining/Discoloring, Extent: Moderate Location: Throughout	2, Area Affected : 15%			
	Water Penetration, Extent: Moderate, A Location: Throughout	Area Affected : 10%			
Exposed Struc: Steel	10%	LIFE **			

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

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

QUEENS PUBLIC LIBRARY - 039 MCGOLDRICK BRANCH LIBRARY

Asset #: 13299

Electrical	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment					_		
Molded Case Bkrs	100%	16.1	2024	\$1,500	5	\$200	
	Other Observation, E Location : Electrica		Area Affe	ected : 100%			
	Explanation : No N		vailable	,			
Switchgear / Switchboard	Explanation . NO IV	amepiate Ratings A	vanabie	•			
Molded Case Bkrs	100%		2024	\$33,500	5	\$200	
Raceway				400,000		4-00	
Conduit	80%		2024	\$26,000	1		
Conduit	20%		2044	* *	1		
Panelboards							
Molded Case Bkrs	80%		2023	\$12,400	5	\$200	
Molded Case Bkrs	20%		2040	* *	5		
Wiring							
Thermoplastic	80%		2024	\$23,000	1		
Thermoplastic	20%		2044	* *	1		
Motor Controllers	1000/		2020	¢15 (00	-	¢100	
Locally Mounted Ground	100%		2029	\$15,600	5	\$100	
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
Lighting	10070					\$100	
Interior Lighting							
Fluorescent	98%		2029	\$79,000	10	\$7,000	
	T-5 Lamps And Fixtu Location : Through		rate, Are	a Affected : 100%			
Fluorescent	2%		2029	\$1,600	10	\$100	
	Other Observation, E	xtent : Moderate, A				4-00	
	Location: Circulati	ng Desk					
	Explanation : Comp	oact Fluorescent Li	ght Fixti	ures			
Egress Lighting							
Emergency, Battery	50%		2029	\$5,400	10	\$900	
Exit, LED	50%		2052	* *	1		
Exterior Lighting	1000/		2020	¢20,400	10		
Alarm	100%		2029	\$30,400	10		
Alarm Security System							
Generic	100%		2029	\$24,300	1	\$2,900	
34.141.1	Other Observation, E	xtent : Moderate, A			-	42 ,5 0 0	
	Location : Through		33				
	Explanation : Intrus	sion Alarm Only					
Fire/Smoke Detection							
Generic	100%		2029	\$83,300	1-3	\$4,900	
	Other Observation, E		Area Affe	ected : 100%			
	Location: Through			137 15 15			
	Explanation : Strob	e Lights, Smoke De	etector A	nd Manual Pull St	atıon		

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

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

QUEENS PUBLIC LIBRARY - 039 MCGOLDRICK BRANCH LIBRARY

Asset #: 13299

Mechanical		Current I	Repair	Futur	e Replacement	M	laintenance	
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%			2034	* *	1		
Conversion Equipment								
Hot Water Boiler	100%		\$58,100	2044	* *	1	\$3,500	
			Extent : Moderate,	Area Aj	fected : 100%			
	Location	ı : One Uni	t, Boiler Room					
Distribution	1000/			2022			.	
Hot Wtr Piping/Pump	100%			2032	* *	4	\$600	
Terminal Devices	100/			2020	Ф4.000	1	#200	
Convector/Radiator	10%			2029	\$4,000	1	\$300	
No Component	90%		Sytant I light Anga	A ffootog	1 . 00/			
			Extent : Light, Area t. Air Handler Roo		. 070			
			i, Air Hanaier Koo. Iandler Is Covered		C			
Air Conditioning	Ехріана	non . Air 11	unater is Covered	Onuel A	. C			
Energy Source								
Electricity	100%			2040	* *	1		
Terminal Devices	10070			2010				
Air Handler/Cool/Ht	100%	0-2	\$84,500	2034	* *	1	\$4,300	
1111 1111111111111111111111111111111111			Extent : Moderate,		fected : 100%	•	ψ .,ε σ σ	
		ı : Air Hand						
Heat Rejection								
Air Cooled Condenser	100%			2029	\$15,200	2	\$5,400	
Unit								
			Extent : Light, Area	Affected	! : 100%			
	Location	a : Roof						
	Explana	tion : One	Unit Using R-22 Re	efrigeran	t			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,300	
Exhaust Fans							****	
Roof	20%			2024	\$2,500	2	\$100	
No Component	80%							
Plumbing								
H/C Water Piping	500/			2024	* *	1		
Brass/Copper	50%			2034	* *	1		
Galvanized Steel Water Heater	50%			2037	-1- W	1		
Water Heater Gas Fired	100%			2022	¢4 600	2	\$100	
	100%			2022	\$4,600	2	\$100	
Sanitary Piping Cast Iron	1000/			LIEE	* *	1		
	100%			LIFE		1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
	100%			LIFE		1		
Fixtures Generic	100%							
Generic Fire Suppression	10070							

Fire Suppression

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

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

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QUEENS PUBLIC LIBRARY - 039 MCGOLDRICK BRANCH LIBRARY

Mechanical	Current Repair	Future Replace	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Estimate FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression Sprinkler						
No Component	90%					
Generic	10%	2034	* *	1-2	\$200	

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : MITCHELL-LINDEN BRANCH LIBRARY

Address : 31-32 UNION STREET

Borough : QUEENS Agency's Number : MT

Area Sq Ft : 8,000 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 14-Feb-2018 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 4414 Lot : 7504 BIN : 4535108

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$193,600	
Mechanical		\$38,900
Total	\$193,600	\$38,900
Importance Code A	\$193,600	
Importance Code B		\$38,900
Total	\$193,600	\$38,900

otal	\$80,200	\$2,600	\$6,900	\$3,900
nportance Code C	\$15,900			\$400
nportance Code B	\$10,100	\$2,200	\$6,800	\$3,000
nportance Code A	\$54,200	\$500	\$200	\$500
otal	\$80,200	\$2,600	\$6,900	\$3,900
[echanical	\$3,200	\$1,900	\$1,200	\$1,900
lectrical	\$900	\$800	\$800	\$700
terior Architecture	\$22,000		\$4,900	\$1,300
xterior Architecture	\$54,100			
XPENSE	FY 2020	FY 2021	FY 2022	FY 2023
XPENSE	FY 2020	FY 2021	FY 2022	



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

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

Asset #: 14742

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls						_		
Cast Stone/Terra Cotta	25%			LIFE	* *	5	\$51,100	
Granite Panels	5%	3.7	#22 000	LIFE	* *	5	\$1,000	
Window Wall	70%	Now	\$22,800	2049		5	\$17,200	
	_		d, Extent : Severe, Windows On Unio					
		_	windows On Onio. xtent : Severe, Are					
			xiem . Severe, Are Windows On Unio	00				
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	\$5,700	
Pre-Cast Concrete	5%			LIFE	* *	5	\$600	
Roof								
Modified Bitumen	100%	0-2	\$193,600 , Extent : Moderate	2034	** ffacted : 5%			
	Druins Ind	u/Wisposn	, Extent . Moderan	z, Areu A	Heciea. 570			
	Location	: Roof						
	Location Ponding, I		vere. Area Affected	: 5%				
	Ponding, I	Extent : Sev	ere, Area Affected	: 5%				
	Ponding, I Location	Extent : Sev : Roof			d : 10%			
	Ponding, I Location Water Pen	Extent : Sev : Roof etration, E	vere, Area Affected xtent : Severe, Are cal Room, Reading	a Affecte	d : 10%			
Interior	Ponding, I Location Water Pen	Extent : Sev : Roof etration, E	xtent : Severe, Are	a Affecte	d : 10%			
Interior Floors	Ponding, I Location Water Pen Location	Extent : Sev : Roof etration, E	xtent : Severe, Are	a Affecte				
Floors Carpet	Ponding, I Location Water Pen Location 75%	Extent : Sev : Roof etration, E	xtent : Severe, Are	a Affecte Room	\$126,100	3	\$14,300	
Floors Carpet Cast in Place Concrete	Ponding, I Location Water Pen Location 75% 5%	Extent : Sev : Roof etration, E	xtent : Severe, Are	a Affecte Room 2028 LIFE	\$126,100 **	5	\$2,800	
Floors Carpet Cast in Place Concrete Ceramic Tile	Ponding, I Location Water Pen Location 75% 5% 15%	Extent : Sev : Roof etration, E	xtent : Severe, Are	2028 LIFE 2038	\$126,100 ** **	5 5		
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile	Ponding, I Location Water Pen Location 75% 5%	Extent : Sev : Roof etration, E	xtent : Severe, Are	a Affecte Room 2028 LIFE	\$126,100 **	5	\$2,800	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls	Ponding, I Location Water Pen Location 75% 5% 15%	Extent : Sev : Roof etration, E	xtent : Severe, Are	2028 LIFE 2038 2034	\$126,100 ** ** **	5 5	\$2,800 \$1,900	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile	Ponding, I Location Water Pen Location 75% 5% 15% 5%	Extent : Sev : Roof etration, E	xtent : Severe, Are	2028 LIFE 2038 2034	\$126,100 ** ** **	5 5 3	\$2,800 \$1,900 \$200	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane	Ponding, I Location Water Pen Location 75% 5% 15% 5%	Extent : Sev : Roof etration, E	xtent : Severe, Are	2028 LIFE 2038 2034 2038 LIFE	\$126,100 ** ** ** **	5 5 3	\$2,800 \$1,900 \$200	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board	Ponding, I Location Water Pen Location 75% 5% 15% 5%	Extent : Sev : Roof etration, E	xtent : Severe, Are	2028 LIFE 2038 2034	\$126,100 ** ** **	5 5 3	\$2,800 \$1,900 \$200	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board Ceilings	Ponding, I Location Water Pen Location 75% 5% 15% 5% 2% 93%	Extent : Sev : Roof etration, E : Mechani	xtent : Severe, Are cal Room, Reading	2028 LIFE 2038 2034 2038 LIFE LIFE	\$126,100 ** ** ** **	5 5 3 5 5 5-10	\$2,800 \$1,900 \$200 \$800 \$500	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board	Ponding, I Location Water Pen Location 75% 5% 15% 5% 2% 93%	Extent : Sev : Roof etration, E : Mechani	xtent : Severe, Are cal Room, Reading	2028 LIFE 2038 2034 2038 LIFE LIFE 2042	\$126,100 ** ** ** ** **	5 5 3 5 5	\$2,800 \$1,900 \$200 \$800 \$500	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board Ceilings	Ponding, I Location Water Pen Location 75% 5% 15% 5% 2% 93% Staining/D	Extent : Sev : Roof etration, E. : Mechani 4+ Discoloring,	xtent : Severe, Are cal Room, Reading	2028 LIFE 2038 2034 2038 LIFE LIFE 2042	\$126,100 ** ** ** ** **	5 5 3 5 5 5-10	\$2,800 \$1,900 \$200 \$800 \$500 \$24,200	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board Ceilings	Ponding, I Location Water Pen Location 75% 5% 15% 5% 2% 93% Staining/D	Extent : Sev : Roof etration, E. : Mechani 4+ Discoloring,	xtent : Severe, Are cal Room, Reading \$1,900 Extent : Light, Ar	2028 LIFE 2038 2034 2038 LIFE LIFE 2042	\$126,100 ** ** ** ** **	5 5 3 5 5 5-10	\$2,800 \$1,900 \$200 \$800 \$500 \$24,200	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board Ceilings AcousTileSusp.Lay-In	Ponding, I Location Water Pen Location 75% 5% 15% 5% 2% 93% 90% Staining/D Location	Extent : Sev : Roof etration, E. : Mechani 4+ Discoloring,	xtent : Severe, Are cal Room, Reading \$1,900 Extent : Light, Ar	2028 LIFE 2038 2034 2038 LIFE LIFE 2042	\$126,100 ** ** ** ** ** **	5 5 3 5 5 5-10	\$2,800 \$1,900 \$200 \$800 \$500 \$24,200 \$5,700	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board Ceilings AcousTileSusp.Lay-In	Ponding, I Location Water Pen Location 75% 5% 15% 5% 2% 93% 90% Staining/D Location	Extent : Sev : Roof etration, E. : Mechani 4+ Discoloring,	xtent : Severe, Are cal Room, Reading \$1,900 Extent : Light, Ar	2028 LIFE 2038 2034 2038 LIFE LIFE 2042	\$126,100 ** ** ** ** ** **	5 5 3 5 5 5-10	\$2,800 \$1,900 \$200 \$800 \$500 \$24,200 \$5,700	

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

Under 600 Volts

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

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

Asset #: 14742

Electrical	Curre	Current Repair Future Repl		Replacement	M	Maintenance	
System Component Type	% of Fail D Total (Yea	Pate Estimated Cost rs)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2055	* *	5		
		on, Extent : Light, Area	Affected:	100%			
	Location : Elec		a	1.4.600.4			
~	Explanation : M	Iain Service Disconnec	ct Switch R	ated At 600 Amp	eres.		
Switchgear / Switchboard	1000/			ماد ماد	_	4.00	
Molded Case Bkrs	100%		2055	* *	5	\$200	
Raceway	1000/		2055	ماد ماد			
Conduit	100%		2055	* *	1		
Panelboards					_		
Fused Disc Sw	5%		2051	* *	5	4.00	
Molded Case Bkrs	95%		2051	* *	5	\$200	
Wiring	1000/			ماد ماد			
Thermoplastic	100%		2055	* *	1		
Ground							
Grounding Devices	1000/		LIDD	* *	-	#200	
Generic	100%		LIFE	* *	5	\$200	
Lighting							
Interior Lighting	0.40/		2027	* *	10	¢.c. 000	
Fluorescent	94%	Sintumas Entant . Lialit	2037		10	\$6,900	
	-	ixtures, Extent : Light, Sughout The Building	Area Ajjed	nea : 100%			
Fluorescent	1%		2037	* *	10	\$100	
	T-5 Lamps And F Location : Toile	ixtures, Extent : Light, ets	Area Affe	cted : 100%			
Fluorescent	5%		2037	* *	10	\$400	
		cent Light, Extent : Lig		ffected : 100%		4	
	Location : Hall			,,			
Egress Lighting							
Emergency, Battery	40%		2037	* *	10	\$800	
Exit, LED	60%		2064	* *	1	•	
Alarm							
Security System							
No Component	20%						
Generic	80%		2037	* *	1	\$2,400	
	Other Observation	on, Extent : Light, Area	Affected:	100%			
	Location : Read	ling Areas And Hallwa	ys				
		CCTV Surveillance Can					
Fire/Smoke Detection							
Generic, Digital	100%		2037	* *	1-3	\$4,900	
, 3		on, Extent : Light, Area		100%		. , .	
		oughout The Building					
		trobe Lights, Manual F	Pull Station	s, Alarm Bells, S	moke De	tectors And Horns	

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

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

Asset #: 14742

Mechanical		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	60%			2055	* *	1		
Natural Gas	40%			2049	* *	1		
Conversion Equipment								
Furnace	40%			2029	\$7,300	1	\$1,600	
			tent : Light, Area	Affected	! : 100%			
	Location	-						
		ion : 1 Pack	cage Unit.					
Heat Pump Air Sourced				2033	* *	2	\$1,500	
			tent : Light, Area	Affected	! : 100%			
	Location	-						
	Explanati	on: 4 Unit	S					
Terminal Devices								
Air Handler	60%			2037	* *	1	\$3,000	
No Component	40%							
Air Conditioning								
Energy Source	1000/			2051	* *			
Electricity	100%			2051	* *	I		
Conversion Equipment	500/			2022	* *	2	#200	
Heat Pump Air Sourced		F		2033		2	\$200	
			tent : Light, Area	Affectea	: 100%			
	Location		D 410 D C:					
		on: 4 Unit	s, R-410a Refrige				****	
Ext Pkg Unit -	40%			2029	\$38,900	2	\$200	
Heating/Cooling		gerant, Exte : 1 Unit On	nt : Light, Area A Roof	ffected :	100%			
Split Unit	10%			2029	\$16,600			
-F		gerant, Exte	nt : Light, Area A		· ·			
	Location	: 2 Units O	n Roof	-				
Heat Rejection								
Air Cooled Condenser	50%			2037	* *	2	\$2,800	
Unit	1001			2020	4.	•		
Air Cooled Condenser	10%			2029	\$1,600	2	\$600	
Unit	400/							
No Component	40%							
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,100	
	100%			LIFE		2-3	\$7,100	
Exhaust Fans	500/			2027	* *	2	¢100	
Interior	50%			2037		2	\$100 \$100	
Roof Roof	30%			2029	\$3,900	2	\$100 \$100	
	20%			2037		2	\$100	
Plumbing								
H/C Water Piping Brass/Copper	100%			2055	* *	1		
Diass/Copper	100%			2033		1		

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

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

Mechanical	Current Repa	ir Future Re	eplacement	Maintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year Est FY	timated Cost Cycl (Yrs		Priority
Plumbing					
Sanitary Piping					
Cast Iron	100%	LIFE	** 1		
Storm Drain Piping					
Cast Iron	100%	LIFE	** 1		
Fixtures					
Generic	100%				
Fire Suppression					
Sprinkler					
Generic	100%	2055	* * 1-2	\$2,200	

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : NORTH FOREST PARK BRANCH LIBRARY
Address : 98-27 METROPOLITAN AVE. @ 70TH AVE

Borough : QUEENS Agency's Number : NF

Area Sq Ft : 7,770 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 01-Aug-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 3207 Lot : 26 BIN : 4076687

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Interior Architecture		\$179,600
Electrical		\$163,900
Mechanical	\$243,700	\$58,100
Total	\$243,700	\$401,600
Importance Code A		\$58,100
Importance Code B	\$243,700	\$343,500
Total	\$243,700	\$401,600

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$3,100		\$22,400	
Interior Architecture		\$1,200		\$100
Electrical	\$31,300	\$700	\$16,400	\$16,500
Mechanical	\$23,600	\$700	\$7,200	\$700
Total	\$58,000	\$2,700	\$45,900	\$17,300
Importance Code A	\$3,500	\$400	\$22,700	\$400
Importance Code B	\$54,500	\$2,300	\$23,200	\$16,900
Importance Code C				
Total	\$58,000	\$2,700	\$45,900	\$17,300



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

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

QUEENS PUBLIC LIBRARY - 039 NORTH FOREST PARK BRANCH LIBRARY

Asset #: 13301

Architecture		Current F	Repair	Futur	e 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	82%			LIFE	* *	5	\$12,300		
Metal Panel	10%			2044	* *	5-10	\$10,300		
Pre-Cast Concrete	3%	Now	\$3,100	LIFE	* *	5	\$1,500		
			Extent: Moderate	, Area Aj	ffected : 5%				
	Location	: Window	Sills						
	Jnt Morta	r Miss/Eroc	l, Extent : Moderai	e, Area A	Affected : 50%				
	Location	: Window	Sills						
Window Wall	5%			2044	* *	5	\$2,800		
Windows									
Aluminum	100%			2032	* *	5	\$900		
Roof									
Modified Bitumen	100%			2032	* *	10	\$21,900		
	Recent Re	place Evide	ent, Extent : Light,	Area Aff	ected : 100%				
	Location	: Through	out						
Interior									
Floors									
Cast in Place Concrete	13%			LIFE	* *	5	\$3,300		
Ceramic Tile	2%			2033	* *	5	\$200		
Vinyl Tile	85%			2024	\$87,000	3	\$3,700		
Interior Walls									
Concrete Masonry Unit	97%			LIFE	* *	5	\$5,700		
Glass: Single Pane	3%			LIFE	* *	5	\$300		
Ceilings									
AcousTileSusp.Lay-In	95%			2029	\$92,600	5	\$11,000		
Exposed Struc: Steel	5%			LIFE	* *				

ectrical	Current Repair	Future	Replacement	М	aintenance	
stem Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2024	\$1,500	5	\$200	
	Other Observation, Extent : M	oderate, Area Affec	ted : 100%			
	Location: Electrical Room					
	Explanation: No Nameplate	Ratings Available				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2024	\$33,500	5	\$200	
Raceway						
Conduit	100%	2024	\$32,500	1		
Panelboards						
Molded Case Bkrs	100%	2023	\$15,500	5	\$200	
Wiring						
Thermoplastic	100%	2024	\$28,700	1		
Motor Controllers						
Locally Mounted	100%	2022	\$15,600	5	\$100	

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

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

QUEENS PUBLIC LIBRARY - 039 NORTH FOREST PARK BRANCH LIBRARY

Asset #: 13301

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	98%	2024	\$79,000	10	\$7,000	
	T-12 Lamps And Fixtures, Extent Location: Throughout The Buil		ea Affected : 100%	ó		
Fluorescent	2%	2024	\$1,600	10	\$100	
	Other Observation, Extent : Mod- Location : Bookcase Area Explanation : Compact Fluores		cted : 100%			
Egress Lighting	Zipiananon : Compact I mores	213.11.113				
Emergency, Battery	50%	2024	\$5,400	10	\$900	
Exit, Service	50%	2024	\$600	1	***	
Exterior Lighting HID	100%	2020	\$30,400	10		
Alarm						
Security System						
Generic	100%	2029	\$24,300	1	\$2,900	
	Other Observation, Extent : Mod Location : Throughout The Bui Explanation : Intrusion Alarm (ding	cted : 100%			
Fire/Smoke Detection						
Generic	100%	2029	\$83,300	1-3	\$4,900	
	Other Observation, Extent : Mod- Location : Throughout The Buil Explanation : Strobe Lights, Mo	ding	cted : 100%	aataws		

Mechanical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating						
Energy Source						
Natural Gas	100%	2034	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2029	\$58,100	1	\$3,800	
	Other Observation, Extent : Light, Are	ea Affected :	100%			
	Location: Boiler Room					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2032	* *	4	\$600	
Terminal Devices						
Air Handler	40%	2020	\$42,400	1	\$1,900	
Convector/Radiator	60%	2029	\$24,200	1	\$1,500	

Air Conditioning

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

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

QUEENS PUBLIC LIBRARY - 039 NORTH FOREST PARK BRANCH LIBRARY

Mechanical	C	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Energy Source							
Electricity	100%		2032	* *	1		
Conversion Equipment							
Int Pkg Unit - Heating/Cooling	100%		2020	\$160,300	2	\$500	
	R-22 Refrige	rant, Extent : Light, Area A	ffected :	100%			
	Location :	Mechanical Room					
Heat Rejection							
Dry Cooler		0-2 \$41,000	2034	* *	2	\$4,300	
		vation, Extent : Moderate, A	Area Affe	ected : 75%			
	Location :	Roof					
	Explanation	n: Corroded And Inefficien	t Unit				
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,300	
Exhaust Fans							
Interior	70%		2020	\$18,800	2	\$200	
Roof	30%		2020	\$3,800	2	\$100	
Plumbing							
H/C Water Piping				* *			
Brass/Copper	100%		2034	**	1		
Water Heater					_	****	
Gas Fired	100%		2022	\$4,600	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : NORTH HILLS BRANCH LIBRARY

Address : 57-04 MARATHON PKWY.

Borough : QUEENS Agency's Number : NO
Program / Asset # : QPL0N39.000 / 13302 Yr Built/Renovated : 1986 /

Area Sq Ft : 5,280 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 09-Aug-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 8276 Lot : 20 BIN : 4171760

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$221,700	\$66,800
Interior Architecture		\$29,500
Electrical	\$56,600	\$54,700
Mechanical	\$76,200	\$97,100
Total	\$354,600	\$248,200
Importance Code A	\$221,700	\$106,300
Importance Code B	\$132,900	\$141,900
Total	\$354,600	\$248,200

Total	\$131,200	\$1,200	\$18,300	\$23,900
Importance Code C				\$300
Importance Code B	\$117,900	\$1,000	\$18,000	\$23,400
Importance Code A	\$13,300	\$300	\$300	\$300
Total	\$131,200	\$1,200	\$18,300	\$23,900
Mechanical	\$5,400	\$700	\$1,400	\$3,900
Electrical	\$17,100	\$500	\$16,900	\$16,100
Interior Architecture	\$95,600			\$3,900
Exterior Architecture	\$13,000			
EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023



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

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

Asset #: 13302

Architecture	Current Repair	Future Re	placement	M		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior						
Exterior Walls	0.70/ 3.7		di di	_	0.000	
Glazed Ceramic Panel	95% Now \$48,2 Jnt Mortar Miss/Erod, Extent: Mod		* * eted : 50%	5	\$66,800	
Metal Panel	Location : Throughout 5%	2044	* *	5-10	\$5,200	
Windows	370	2044		3-10	\$3,200	
Aluminum	100% Now \$13,0 Glazing Broken/Cracked, Extent: I Location: Lunch Room Water Penetration, Extent: Modera Location: West Facade	Moderate, Area Aj		5	\$700	
Roof						
Metal Panel	75% Now \$60,4 Gut/DS Non Func/Miss, Extent: M Location: Throughout Water Penetration, Extent: Modera Location: First Floor Other Observation, Extent: Light, Location: Main Roof	oderate, Area Affo ate, Area Affected	: 10%			
	Explanation : Aluminum Dome W	ith Smaller Clear	story Lantern I	Dome		
Single Ply Membrane	25% Now \$113,1 Seams Open/Split, Extent: Modera Location: Flat Roof At West Side Vegetation Growth, Extent: Severe Location: Rear Flat Roof, Near I Water Penetration, Extent: Modera Location: Lunch Room	ste, Area Affected : e, e, Area Affected : 2 Exhaust Vents	20%			
nterior						
Floors Carpet	85% Now \$88,8 Punct/Tear/Impact Damage, Extens Location: Office Area Worn/Eroded, Extent: Light, Area Location: Throughout	t : Moderate, Ared Affected : 100%	\$88,800 a Affected : 259	3	\$10,100	
	Wrinkling, Extent: Moderate, Area	ı А <i>∏ес</i> теа : 25%				
a	Location: Throughout	T 7555	di 4		***	
Cast in Place Concrete	5%	LIFE	**	5	\$900	
Ceramic Tile	5% 5%	2033 2029	* * \$3,500	5 3	\$400 \$200	
Vinvl Tile		4047	Ψ2,200	5	Ψ200	
Vinyl Tile Interior Walls						
Interior Walls Ceramic Tile	5%	2033	* *	5	\$600	

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

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

Asset #: 13302

Architecture	Current Re	epair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	5% Now	\$6,800	2044	* *	5	\$400	
	Staining/Discoloring, I		, Area A	ffected : 25%			
	Location : Public Res	stroom					
	Water Penetration, Ext	ent : Moderate, A	rea Affe	cted : 10%			
	Location : Public Res	stroom					
AcousTileSusp.Lay-In	25%		2029	\$29,500	5	\$3,500	
Exposed Struc: Steel	5%		LIFE	* *			
Gypsum Board	5%		LIFE	* *	5	\$900	
No Component	60%						
•	Other Observation, Ex	tent : Light, Area	Affected	: 0%			
	Location : Space Und	ler The Dome					
	Explanation: This A	rea Is Covered Wi	th Canv	as Fabric			

Electrical	Current Rep	air Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2024	\$1,500	5		
	Other Observation, Exte Location : Electrical R	. 50	fected : 100%			
	Explanation: 2- Main	Service Switches Rated	At 200 Amperes Ed	ıch		
Transformers						
Dry Type	100%	2022	\$16,400	5		
	Other Observation, Exte	nt : Moderate, Area A <u>f</u>	fected : 100%			
	Location : Electrical R	oom				
	Explanation: No Avail	lable Nameplate Rating	S			
Switchgear / Switchboard						
Fused Disc Sw	100%	2024	\$33,500	5		
Raceway						
Conduit	100%	2024	\$32,500	1		
Panelboards						
Fused Disc Sw	10%	2023	\$1,500	5		
Molded Case Bkrs	90%	2023	\$13,900	5	\$100	
Wiring						
Thermoplastic	100%	2024	\$28,700	1		
Motor Controllers						
Locally Mounted	100%	2029	\$15,600	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	

Lighting

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

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

Asset #: 13302

Electrical	Current Repair	Futui	e Replacement	M	laintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting Fluorescent	85%	2024	\$46,500	10	\$4,100	
Tuorescent	T-12 Lamps And Fixtures, Extent: M				\$4,100	
	Location: Throughout The Buildin		eu Ajjecieu . 1007	o		
Fluorescent	5%	2024	\$2,700	10	\$200	
	Other Observation, Extent : Modera	te, Area Affe	ected : 100%			
	Location: Computer Desk Area					
	Explanation: Compact Fluorescen	t Light Fixt	ures			
Fluorescent	10%	2024	\$5,500	10	\$500	
	T-8 Lamps And Fixtures, Extent: Mo	oderate, Are	a Affected : 100%			
	Location : Throughout The Buildin	g				
Egress Lighting						
Emergency, Battery	50%	2024	\$3,700	10	\$600	
Exit, Service	50%	2024	\$400	1		
Exterior Lighting						
HID	100%	2024	\$20,700	10		
Alarm						
Security System						
Generic	100%	2020	\$16,500	1	\$2,000	
	Other Observation, Extent : Moderat		ected : 100%			
	Location: Throughout The Buildin	_				
	Explanation: Intrusion Alarm Only	y, Motion Se	ensors			
Fire/Smoke Detection	1000/	2020	0.54.400	1.2	00.400	
Generic	100%	2020	\$56,600	1-3	\$3,400	
	Other Observation, Extent: Moderat		ected : 100%			
	Location: Throughout The Buildin	_	1 D 11 G			
	Explanation : Smoke Detectors, Be	ils And Mar	ual Pull Station			

Mechanical	Current Repair	Futur	e Replacement Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating						
Energy Source						
Natural Gas	100%	2034	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2029	\$39,500	1	\$2,600	
	Other Observation, Extent : Light, Area	ı Affected	: 100%			
	Location: Basement Boiler Room					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2032	* *	4	\$400	
Terminal Devices						
Air Handler	80%	2024	\$57,600	1	\$2,600	
Convector/Radiator	20%	2029	\$5,500	1	\$300	

Air Conditioning

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

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

Asset #: 13302

Mechanical	Current Re	epair	Future Replacement		Maintenance		
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Energy Source	1000/		2022	ala -i-	1		
Electricity	100%		2032	* *	1		
Conversion Equipment Int Pkg Unit - Heating/Cooling	70%		2022	\$76,200	2	\$200	
ricums cooms	R-22 Refrigerant, Exter Location : Mechanica		fected :	70%			
Reciprocating Compr/Chiller	30%		2024	\$13,000	1	\$700	
	R-22 Refrigerant, Extended Location: Court Yard	-	fected :	30%			
Terminal Devices	2007		• • •	*			
Air Handler/Cool/Ht	30%		2024	\$17,200	1	\$1,000	
No Component	70%						
Heat Rejection	200/		2024	#0.400	2	Ø1 100	
Dry Cooler	30% 70%		2024	\$8,400	2	\$1,100	
No Component Ventilation	/070						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$2,900	
Exhaust Fans						4- ,2 00	
Interior	50%		2024	\$9,100	2	\$100	
Roof	50%		2020	\$4,300	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater							
Gas Fired	100% Other Observation, Ext Location: Mechanica Explanation: 40 Gal	al Room	2023 Affected	\$3,100 :: 100%	2	\$100	
Sanitary Piping	*						
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : OZONE PARK BRANCH LIBRARY

Address : 92-24 ROCKAWAY BLVD.

Borough : QUEENS Agency's Number : OZ

Area Sq Ft : 7,507 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 09-Feb-2018 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 9113 Lot : 30 BIN : 4189526

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$19,300		\$2,000	
Interior Architecture	\$6,400	\$5,200	\$4,200	\$400
Electrical	\$800	\$600	\$800	\$700
Mechanical	\$3,000	\$400	\$1,100	\$400
Total	\$29,500	\$6,200	\$8,100	\$1,500
Importance Code A	\$19,700	\$400	\$2,400	\$400
Importance Code B	\$7,000	\$5,800	\$5,700	\$1,000
Importance Code C	\$2,800			\$200
Total	\$29,500	\$6,200	\$8,100	\$1,500



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

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

QUEENS PUBLIC LIBRARY - 039 OZONE PARK BRANCH LIBRARY

Asset #: 13303

Architecture		Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Masonry: Brick Cavity	90%		LIFE	* *	5	\$32,000	
Metal/Glass Curt Wall	10%		LIFE	* *	5	\$6,700	
Roof							
Metal Panel	5%		2042	* *	10	\$2,000	
Modified Bitumen	95%		2034	* *	10	\$20,800	
Interior							
Floors							
Carpet	70%		2028	\$104,000	3	\$11,800	
Cast in Place Concrete	5%		LIFE	* *	5	\$2,500	
Ceramic Tile	5%		2038	* *	5	\$600	
Vinyl Tile	20%		2034	* *	3	\$800	
Interior Walls							
Ceramic Tile	5%		2038	* *	5	\$300	
Concrete Masonry Unit	85%		LIFE	* *	5	\$4,300	
Gypsum Board	10%		LIFE	* *	5-10	\$1,100	
Ceilings							
AcousTileSusp.Lay-In	90%		2046	* *	5	\$10,300	
Exposed Struc: Steel	5%		LIFE	* *	10	\$1,100	
Gypsum Board	5%		LIFE	* *	5-10	\$2,000	
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2042	* *			
On-Site Walkways							
Cast in Place Concrete	100%		2042	* *			

lectrical	Current Repair	Future	Replacement	М	aintenance	
rstem Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2029	\$1,500	5	\$200	
	Other Observation, Extent: Light,	Area Affected :	100%			
	Location : Electrical Room					
	Explanation : Main Service Disco	onnect Switch R	ated At 600 Ampe	eres.		
Switchgear / Switchboard						
Molded Case Bkrs	50%	2029	\$16,700	5	\$100	
Molded Case Bkrs	50%	2055	* *	5	\$100	
Raceway						
Conduit	70%	2029	\$22,700	1		
Conduit	30%	2055	* *	1		
Panelboards						
Molded Case Bkrs	70%	2028	\$10,800	5	\$100	
Molded Case Bkrs	30%	2051	* *	5	\$100	

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

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

QUEENS PUBLIC LIBRARY - 039 OZONE PARK BRANCH LIBRARY

Asset #: 13303

Electrical	Current Repair	air Future Replacement		Maintenance		
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring						
Thermoplastic	50%	2029	\$14,400	1		
Thermoplastic	50%	2055	* *	1		
Ground						
Grounding Devices	1000/		* *	_		
Generic	100%	LIFE	* *	5	\$200	
Lighting						
Interior Lighting	94%	2037	* *	10	\$6.500	
Fluorescent	94% T-5 Lamps And Fixtures, E			10	\$6,500	
	Location: Reading Areas		eciea . 10070			
Fluorescent	4%	2037	* *	10	\$300	
	T-8 Lamps And Fixtures, E Location : Offices	xtent : Light, Area Aff	fected : 100%			
Fluorescent	1%	2037	* *	10	\$100	
	Compact Fluorescent Light Location : Mechanical Re	_	Affected : 100%			
LED	1%	2037	* *			
	Other Observation, Extent Location : Hallways Explanation : LED Lights		: 100%			
Egress Lighting	Explanation . LED Lights)				
Emergency, Battery	50%	2037	* *	10	\$900	
Exit, LED	50%	2064	* *	1	Ψ	
Alarm	****					
Security System						
No Component	30%					
Generic	70%	2037	* *	1	\$2,000	
	Other Observation, Extent : Light, Area Affected : 100%					
	Location: Reading Areas	, Hallways, And Outs	ide-front And Rear	· Of Build	ling	
	Explanation: CCTV Surv	eillance Cameras				
Fire/Smoke Detection						
Generic, Digital	100%	2037	* *	1-3	\$4,600	
	Other Observation, Extent Location : Throughout Th		: 100%			
	Explanation: Strobe Ligh	nts, Manual Pull Statio	ons, Alarm Bells, S	moke De	tectors And Horns	

Mechanical	Current Re	pair Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	Stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		

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

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

QUEENS PUBLIC LIBRARY - 039 OZONE PARK BRANCH LIBRARY

Mechanical	Current Repair	Future Rep	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Conversion Equipment						
Furnace	100%	2034	* *	1	\$3,700	
	Other Observation, Extent: Lig	3ht, Area Affected : 100	0%			
	Location: Roof					
	Explanation: 1 Rooftop Pack	age Unit				
Air Conditioning						
Energy Source	1000/	2045	* *	1		
Electricity	100%	2045	* *	1		
Conversion Equipment	1000/	2024	* *	2	\$500	
Ext Pkg Unit - Heating/Cooling	100%	2034	4. 4.	2	\$500	
Heating/Cooling	Other Observation, Extent : Lig	aht Area Affected : 100	00/			
	Location: Roof	зні, Агей Аујесіей . 100	770			
	Explanation: 1 Package Unit	t. R-410a Refrigerant				
Ventilation	.,					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$6,600	
Exhaust Fans					•	
Roof	100%	2034	* *	2	\$200	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Gas Fired	100%	2024	\$4,400	2	\$100	
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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : PENINSULA BRANCH LIBRARY
Address : 92-25 ROCKAWAY BEACH BLVD.

Borough : QUEENS Agency's Number : PRC

Area Sq Ft : 13,026 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 15-Apr-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 16135 Lot : 1 BIN : 4303629

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$36,600	
Total	\$36,600	
Importance Code A	\$36,600	
Total	\$36,600	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture			\$3,300	
Interior Architecture	\$9,300		\$12,900	\$9,300
Electrical	\$200	\$200	\$700	\$200
Mechanical	\$2,700	\$4,100	\$3,400	\$4,100
Total	\$12,200	\$4,400	\$20,300	\$13,700
Importance Code A	\$600	\$600	\$4,000	\$600
Importance Code B	\$11,600	\$3,700	\$16,100	\$13,000
Importance Code C			\$200	
Total	\$12,200	\$4,400	\$20,300	\$13,700



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

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

QUEENS PUBLIC LIBRARY - 039 PENINSULA BRANCH LIBRARY

Asset #: 13304

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Masonry: Brick	80%		LIFE	* *	5	\$9,500	
Stucco Cement	5%		2044	* *	5	\$1,500	
Window Wall	15%		2037	* *	5	\$6,600	
Parapets							
Masonry: Brick	13%		LIFE	* *	5	\$1,000	
Pre-Cast Concrete	2%		LIFE	* *	5	\$900	
No Component	85%						
Roof							
Modified Bitumen	100%		2032	* *	10	\$36,600	
Interior							
Floors							
Carpet	95%		2029	\$244,800	3	\$37,000	
Ceramic Tile	5%		2042	* *	5	\$1,000	
Interior Walls							
Ceramic Tile	5%		2042	* *	5	\$400	
Gypsum Board	95%		LIFE	* *	5	\$5,000	
Ceilings							
AcousTileConcealSpLn	100%		2047	* *	5	\$24,400	

Electrical	Current Repair	Future Repl	acement	Maintenance			
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2057	* *	5	\$100		
	Other Observation, Extent : Mo	derate, Area Affected : .	100%				
	Location: Electrical First Flo	oor					
	Explanation: One 800 Amper	es Main Disconnect Swi	tch				
Switchgear / Switchboard							
Molded Case Bkrs	100%	2057	* *	5	\$300		
Raceway							
Conduit	100%	2057	* *	1			
Panelboards							
Fused Disc Sw	5%	2052	* *	5			
Molded Case Bkrs	95%	2052	* *	5	\$300		
Wiring							
Thermoplastic	100%	2057	* *	1			
Motor Controllers							
Locally Mounted	100%	2047	* *	5	\$100		
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$200		

Lighting

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

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

QUEENS PUBLIC LIBRARY - 039 PENINSULA BRANCH LIBRARY

Asset #: 13304

Electrical	Current Repair	Future Repla	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	95%	2037	* *	10	\$11,400	
	Other Observation, Extent : Location : Throughout Th Explanation : T-8 Lamps	Light, Area Affected : 100% e Building				
Fluorescent	5%	2037	* *	10	\$600	
	Compact Fluorescent Light, Location : Throughout Ht	. Extent : Moderate, Area Affo e Building	ected : 100	0%		
Egress Lighting						
Emergency, Battery	50%	2037	* *	10	\$1,600	
Exit, Service	50%	2037	* *	1		
Exterior Lighting HID	100%	2037	* *	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	\$1,600	

Mechanical		Current Repair	Futur	e Replacement	М	aintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Natural Gas	100%		2047	* *	1			
Conversion Equipment								
Furnace	100%		2037	* *	1	\$6,400		
Distribution								
Hot Wtr Piping/Pump	100%		2052	* *	4	\$1,000		
Terminal Devices								
Air Handler	90%		2037	* *	1	\$7,300		
Fan Coil Unit/Heat	10%		2032	* *	1	\$400		
Air Conditioning								
Energy Source								
Electricity	100%		2043	* *	1			
Conversion Equipment								
Int Pkg Unit -	100%		2032	* *	2	\$800		
Heating/Cooling								
		allation, Extent : Light, Area	00	l : 100%				
	Location	: Refrigerant 410a On The R	oof					
Terminal Devices								
Air Handler/Cool/Ht	100%		2037	* *	1	\$8,100		
Heat Rejection								
Dry Cooler	100%		2037	* *	2	\$9,100		

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

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

QUEENS PUBLIC LIBRARY - 039 PENINSULA BRANCH LIBRARY

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,300	
Exhaust Fans							
Interior	85%		2037	* *	2	\$300	
Roof	15%		2037	* *	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2057	* *	1		
Water Heater							
Gas Fired	100%		2027	\$7,700	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : POPPENHUSEN BRANCH LIBRARY

Address : 121-23 14TH AVENUE

Borough : QUEENS Agency's Number : P

Area Sq Ft : 7,800 Project Type : QUEENS PUBLIC LIBRARY
Date of Survey : 07-Aug-2013 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1

Block : 4042 Lot : 113 BIN : 4097863

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$113,600
Electrical		\$179,200
Mechanical		\$423,900
Total		\$716,700
Importance Code A		\$113,600
Importance Code B		\$603,100
Total		6717 700

Total \$716,700

\$15,300 \$1,600 \$13,700	\$7,300 \$800 \$6,500	\$18,900 \$800 \$17,500 \$600	\$6,300 \$800 \$5,500
\$1,600	\$800	\$800	\$800
,	,	,	ŕ
\$15,300	\$7,300	\$10,900	\$0,300
015 200	\$7.200	¢10 000	¢¢ 200
\$3,900	\$3,900	\$3,900	\$3,900
\$3,900	\$1,500	\$8,400	\$1,400
\$1,000	\$700	\$800	\$900
\$5,700	\$1,100	\$5,800	\$100
\$800			
FY 2020	FY 2021	FY 2022	FY 2023
	\$800 \$5,700 \$1,000 \$3,900 \$3,900	\$800 \$5,700 \$1,100 \$1,000 \$700 \$3,900 \$1,500 \$3,900 \$3,900	\$800 \$5,700 \$1,100 \$5,800 \$1,000 \$700 \$800 \$3,900 \$1,500 \$8,400 \$3,900 \$3,900 \$3,900



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

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

QUEENS PUBLIC LIBRARY - 039 POPPENHUSEN BRANCH LIBRARY

Asset #: 13305

Architecture		Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Co (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Masonry: Brick	85%		LIFE	* *	5	\$12,900	
Masonry: Limestone	15%		LIFE	* *	5	\$1,700	
Windows							
Aluminum	100%		2040	* *	5	\$1,700	
Parapets							
Copper/Terne	15%		2059	* *	5	\$2,400	
Masonry: Brick	35%		LIFE	* *	5	\$1,100	
No Component	50%						
Roof							
Copper/Terne	75%		2039	* *	10	\$37,400	
Modified Bitumen	25%		2029	\$76,300	10	\$5,000	
nterior							
Floors							
Carpet	70%		2025	\$117,700	3	\$12,300	
Cast in Place Concrete	5%		LIFE	* *	5	\$1,300	
Ceramic Tile	20%		2037	* *	5	\$2,300	
Vinyl Tile	5%		2020	\$5,600	3	\$300	
	Other Obs	ervation, Extent : Modera	te, Area Affe	ected : 100%			
	Location	: Basement					
	Explana	tion : 9x9 Tiles					
Interior Walls							
Ceramic Tile	5%		2037	* *	5	\$1,200	
Gypsum Board	50%		LIFE	* *	5	\$7,000	
Plaster	45%		LIFE	* *	5	\$3,100	
Ceilings							
AcousTileConcealSpLn	15%		2041	* *	5	\$2,200	
Exposed Struc: Wood	5%		LIFE	* *			
Gypsum Board	15%		LIFE	* *	5	\$2,200	
Plaster	65%		LIFE	* *	5	\$4,800	

electrical	Current Repair	Future Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts					
Service Equipment					
Fused Disc Sw	100%	2044 **	5		
	Other Observation, Extent: Moderate,	Area Affected : 100%			
	Location : Electrical Room				
	Explanation : Main Service Switch Re	ated At 600 Amperes			
Switchgear / Switchboard					
Molded Case Bkrs	100%	2044 **	5	\$200	
Raceway					
Conduit	100%	2044 **	1		

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

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

QUEENS PUBLIC LIBRARY - 039 POPPENHUSEN BRANCH LIBRARY

Asset #: 13305

Electrical	Current Repair	Future f	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%	2040	* *	5				
Molded Case Bkrs	95%	2040	* *	5	\$200			
Wiring	1000/	2044	* *	1				
Thermoplastic Motor Controllers	100%	2044	* *	1				
Locally Mounted	100%	2037	* *	5	\$100			
Ground	10070	2037			\$100			
Grounding Devices								
Generic	100%	LIFE	* *	5	\$100			
Lighting	10070	211 2			\$100			
Interior Lighting								
Fluorescent	50%	2029	\$44,000	10	\$3,600			
	T-8 Lamps And Fixtures, Extent	: Moderate, Area A	Affected : 100%					
	Location: Basement							
Fluorescent	50%	2029	\$44,000	10	\$3,600			
	Other Observation, Extent : Mod	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location: 1st Floor							
	Explanation: Compact Fluore	scent Lighting						
Egress Lighting								
Emergency, Service	50%	2029	\$2,200	1				
Exit, LED	50%	2052	* *	1				
Exterior Lighting	1000/	2020	#20.200	1.0	4500			
Fluorescent	100%	2029	\$28,200	10	\$700			
	Other Observation, Extent : Mod Location : Outside	lerate, Area Affecte	ea : 100%					
	Explanation: Compact Fluore	scent Lighting						
Alarm								
Security System								
Generic	100%	2029	\$26,600	1	\$2,900			
		Other Observation, Extent: Moderate, Area Affected: 100%						
	Location: Throughout The But	=						
E' - /C - 1 - D / /'	Explanation: Intrusion Alarm	System, Motion Sei	nsors					
Fire/Smoke Detection	1009/	2020	¢01 100	1.2	¢5 000			
Generic	100% Other Observation, Extent : Mod	2029 Jarata Arag Affacts	\$91,100	1-3	\$5,000			
	Location: Throughout The But		си. 100/0					
	Explanation: Strobe Lights, M	_	Horns And Sm	oke Detec	ctors			
	Explanation . Strove Lights, W	annui I uii SiuiiOII,	, 1101113 AIIU SIIIU	me Deiel				

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

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

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

QUEENS PUBLIC LIBRARY - 039 POPPENHUSEN BRANCH LIBRARY

Asset #: 13305

Mechanical	Curre	nt Repair	Futur	e Replacement	Maintenance			
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating Conversion Equipment Steam Boiler		s, Extent : Light, Area nent Boiler Room Unit	2037 Affected	**	1	\$7,700		
Distribution Central Plant Steam Piping/Pmp	100%		2034	* *	4	\$400		
Terminal Devices Air Handler Convector/Radiator	40% 60%		2029 2029	\$46,400 \$26,500	1 1	\$1,900 \$1,500		
Air Conditioning Energy Source Electricity Conversion Equipment	100%		2040	* *	1			
Split Unit	100% R-22 Refrigerant, Location : Roof	Extent : Light, Area A	2024 Affected :	\$175,900 100%				
Terminal Devices Fan Coil - 2 Pipe	100%		2024	\$156,800	1	\$2,500		
Heat Rejection Dry Cooler Ventilation	100%		2024	\$44,800	2	\$5,400		
DistributionDuctwork/Diffusers	100%		LIFE	* *	2-5	\$4,300		
Exhaust Fans Interior	100%		2024	\$29,300	2	\$200		
Plumbing H/C Water Piping Brass/Copper	100%		2034	* *	1			
Water Heater Gas Fired	100%		2022	\$5,000	2	\$100		
Sanitary Piping Cast Iron	100%		LIFE	**	1			
Storm Drain Piping Cast Iron	100%		LIFE	**	1			
Sump Pump(s) Non-Submersible	100%		2020	\$1,300	4	\$200		
Sewage Ejector(s) Electric	100%		2029	\$2,400	4	\$500		
Backflow Preventer No Component Generic	90% 10% Other Observation	ı, Extent : Light, Area	2032 Affected	* * ! : 10%	1	\$100		
	Location : Boiler Explanation : Fo	Room						

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

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

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QUEENS PUBLIC LIBRARY - 039 POPPENHUSEN BRANCH LIBRARY

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

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : QUEENS CENTRAL LIBRARY
Address : 89-11 MERRICK BOULEVARD

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 239,750 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 12-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 9798 Lot : 6 BIN : 4209635

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$1,980,200	\$1,515,500
Interior Architecture	\$885,600	\$622,600
Electrical	\$726,500	\$1,494,000
Mechanical	\$6,350,600	\$547,000
Total	\$9,942,900	\$4,179,000
Importance Code A	\$1,980,200	\$1,515,500
Importance Code B	\$7,826,300	\$2,573,900
Importance Code C	\$136,300	\$89,700
Total	\$9,942,900	\$4,179,000

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$10,500		\$26,000	
Interior Architecture	\$350,100	\$4,300		\$59,600
Electrical	\$21,800	\$20,300	\$38,900	\$22,400
Mechanical	\$87,400	\$131,200	\$102,200	\$136,000
Elevators/Escalators	\$15,800	\$15,800	\$15,800	\$15,800
Total	\$485,500	\$171,500	\$182,900	\$233,800
Importance Code A	\$22,400	\$11,900	\$37,800	\$12,400
Importance Code B	\$428,500	\$159,700	\$145,100	\$221,400
Importance Code C	\$34,700			
Total	\$485,500	\$171.500	\$182,900	\$233,800



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

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

Architecture		Current I	Current Repair Fu		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick		Now	\$183,400	LIFE	**	5	\$29,400	
			xtent : Moderate, A	Area Affe	cted : 10%			
		: Penthou.		4 40	r , 1 50/			
	_	a/Buiging, i : Penthou.	Extent : Moderate, se	Area Afj	tected: 5%			
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	ected : 10%			
	Location	: Second I	Floor Admin. Area	Under W	Vindows			
Granite Panels	5%			LIFE	* *	5	\$3,700	
Panel/Paver: Limestone	50%	2-4	\$276,800	LIFE	* *	5	\$36,700	
		r Miss/Erod : Front Er	d, Extent : Light, A atrance	rea Affec	eted : 10%			
Pre-Cast Concrete	10%			LIFE	* *	5	\$31,800	
Window Wall	5%			2047	* *	5	\$18,300	
Windows							· · · · · · · · · · · · · · · · · · ·	
Aluminum	25%	Now	\$91,100	2035	* *	5	\$3,500	
	Caulking Deteriorated, Extent: Moderate, Area Affected: 5% Location: Throughout							
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	ected : 5%			
	Location	: Through	out					
Aluminum	75%			2035	* *	5	\$21,000	
Parapets								
Masonry: Brick	30%	Now	\$40,600	LIFE	* *	5	\$6,800	
•	Misaligne	d/Bulging,	Extent : Moderate,	Area Afj	fected : 25%			
	Location	: Through	out					
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 15%			
	Location	: Through	out					
Masonry: Limestone	5%			LIFE	* *	5	\$1,400	
Metal Panel	10%			2037	* *	5	\$8,800	
Metal Rail	5%			2032	* *	5-10	\$20,500	
Panel/Paver: Limestone	50%			LIFE	* *	5	\$12,400	

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

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

Architecture	Current Repair	Future Replacement	Maintenance						
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority					
Exterior									
Roof	050/ 31 0050 00	00 2022 **							
Built-Up (BUR)	25% Now \$258,90	00 2032							
	Miss/Damaged Flashings, Extent: N	-							
	Location: Over ITS Area, 1980 A								
	Water Penetration, Extent : Modera Location : Over ITS Area, Blue C	• • • • • • • • • • • • • • • • • • • •	n Connidona Of 1000						
	Addition	onjerence Room, secona r 100	r Corridors Of 1900						
Modified Bitumen	40%	2027 \$1,380,600	10 \$98,200						
Modified Bitumen	30% Now \$1,035,40		10 ψ,0,200	1					
Wodiffed Bridiffen	Blisters, Extent: Moderate, Area Af			•					
	Location: Throughout	,							
	Miss/Damaged Flashings, Extent: Moderate, Area Affected: 25%								
	Location : Throughout	. 30							
	Water Penetration, Extent : Severe,	Area Affected : 20%							
	Location: Throughout								
Skylight, Metal/Glass	5% Now \$93,90	00 2047 **							
, ,	Deformed/Dented, Extent : Light, A	rea Affected : 20%							
<u> </u>	Location: Throughout								
Interior									
Floors									
Carpet	35% Now \$315,40		3 \$178,900						
	-	Punct/Tear/Impact Damage, Extent: Moderate, Area Affected: 10%							
	Location: Throughout	A.CC . 1 250/							
	Worn/Eroded, Extent: Moderate, A. Location: Throughout	rea Affectea : 25%							
		1100 **	5 054.600						
Cast in Place Concrete	10%	LIFE	5 \$74,600						
Ceramic Tile	5% 0-2 \$136,80	00 2030	5 \$8,500						
	Cracking/Crumbling, Extent: Light, Location: Throughout	, Area Affectea : 10%							
Sheet Vinyl/Rubber	15%	2032 **	5 \$76,700						
Terrazzo	25%	LIFE **	5 \$66,600						
TCITAZZU	Recent Installation, Extent: Light, A	LIFE	5 \$00,000						
	Location: Throughout								
Vinyl Tile		2027 \$300 100	3 \$12.800						
Vinyl Tile	10%	2027 \$300,100	3 \$12,800						

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

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

Asset #: 1867

Architecture		Current I	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile		Now	\$136,300	2030	* *	5	\$4,800	
		Crumbling, 1 : Through	Extent : Moderate out	, Area A	ffected : 75%			
Concrete Masonry Unit	10%			LIFE	* *	5	\$7,600	
Glass: Single Pane	5%	Now	\$14,800	LIFE	* *	5	\$7,200	
		Crumbling, 1: Through	Extent : Light, Are	ea Affect	ed : 20%			
Gypsum Board	15%			LIFE	* *	5	\$17,200	
Gypsum Board	20%			LIFE	* *	5	\$22,900	
Gypsum Board	10%			LIFE	* *	5	\$11,400	
Plaster	25%	Now	\$19,800	LIFE	* *	5	\$14,300	
	_	Crumbling, 1 : Stairwel	Extent : Moderate l 5	, Area Ą	ffected : 5%			
SGFT/Glazed Masonry	5%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$38,200	
Ceilings								
AcousTileConcealSpLn	Staining/L Location Worn/Ero	Discoloring 1 : First C A ded, Extent	\$428,500 , Extent : Moderate And C2 Floors : Moderate, Area And C2 Floors			5	\$32,000	
AcousTileSusp.Lay-In	20%		\$57,100	2040	**	5	\$34,100	
	_	_	Extent : Moderate		, ,			
		-	Room, Security Off					
			Extent : Moderate, A					
		-	Room, Its And Corr					
Exposed Concrete	5%			LIFE	* *	5	\$2,700	
Exposed Struc: Steel	5%		***	LIFE	**	_		
Metal Panel		Now	\$88,500	LIFE	* *	5	\$21,300	
			xtent : Moderate, A	rea Affe	cted : 40%			
		: Through	out					
Plaster	10%			LIFE	* *	5	\$21,300	
Plaster	15%			LIFE	* *	5	\$32,000	
Under Construction	25%							

Electrical		Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2053	* *	5	\$1,000	
Switchgear / Switchboard							
Molded Case Bkrs	80%		2053	* *	5	\$5,100	
Molded Case Bkrs	20%		2027	\$40,500	5	\$1,300	

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

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

Asset #: 1867

Electrical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Raceway							
Conduit	40%		2027	\$93,300	1		
Conduit	60%		2057	* *	1		
Panelboards							
Fused Disc Sw	5%		2049	**	5	\$300	
Fused Disc Sw	5%		2026	\$7,000	5	\$300	
Molded Case Bkrs	40%		2026	\$55,700 * *	5	\$2,500	
Molded Case Bkrs	50%		2049	* *	5	\$3,200	
Wiring Braided Cloth	200/	2-4 \$70,200	2052	* *	1		
Braided Cloth	30%	2-4 \$70,200 Aged, Extent : Moderate, Are	2052		1		
		Agea, Exieni . Moaeraie, Are : Basement	и Ајјест	ea . 100%			
		. Dasemeni	2027	ФОЗ СОО	-		
Thermoplastic	40%		2027	\$93,600 * *	1		
Thermoplastic	30%		2053	~ ~ ~	1		
Motor Controllers	20%		2025	\$125,200	5	\$300	
Locally Mounted Motor Control Center	70%		2025	\$123,200	5 5	\$4,600	
Variable Frequency	10%		2023	\$107,900	3	\$4,000	
Drive	1070		2044				
Ground							
Grounding Devices							
Generic	50%		LIFE	* *	5	\$1,800	
Generic	50%		LIFE	* *	5	\$1,800	
Stand-by Power							
Transfer Switches							
Automatic	100%		2047	* *	1	\$73,800	
Generators							
Diesel	100%		2042	* *	1	\$92,800	
		ervation, Extent : Moderate, .		ected : 100%			
		: Generator Room Basement					
-	Explanai	ion: One 1250 Kw					
Batteries	1000/		2022	#1 (00	_	ФО ООО	
Lead/Acid	100%		2022	\$1,600	5	\$8,900	
Fuel Storage	500/		2052	* *	-	#22.200	
Day Tank	50%	e Erra M. L.	2052		5	\$22,200	
		ervation, Extent : Moderate, . : Generator Room Basement		ectea : 100%			
M ' T 1		ion : One 275 Gallons	2065	* *	-	do 500	
Main Tank	50%	amounting France 34 1	2067		5	\$3,500	
		ervation, Extent : Moderate, . : Basement	Area Affe	естеа : 100%			
	Explanat	ion : One 6000 Gallons					

Lighting

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

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

Asset #: 1867

Electrical	Current Repair	Future F	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimat Total (Years)	red Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Lighting								
Interior Lighting								
Fluorescent	30%	2027	\$745,800	10	\$66,000			
	Other Observation, Extent : Li		100%					
	Location : Throughout The B	Building						
	Explanation: T-12 Lamps							
Fluorescent	15%	2035	* *	10	\$33,000			
	Other Observation, Extent : Li	ght, Area Affected : I	100%					
	Location: Throughout							
	Explanation: T-5 Lamps							
Fluorescent	40%	2037	* *	10	\$88,000			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Throughout							
	Explanation: T-8 Lamps							
Fluorescent	15%	2035	* *	10	\$33,000			
	Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The B	Building						
Egress Lighting								
Emergency, Service	40%	2037	* *	1				
Emergency, Service	10%	2027	\$12,200	1				
Emergency, Battery	5%	2027	\$16,700	10	\$2,900			
Exit, LED	30%	2062	* *	1				
Exit, Service	15%	2027	\$5,300	1				
Exterior Lighting								
HID	70%	2022	\$656,400	10	\$500			
HID	30%	2035	* *	10	\$200			
Alarm								
Security System	000/							
No Component	90%							
Generic	10%	2035	* *	1	\$9,000			
Fire/Smoke Detection	000/							
No Component	90%	2025	ماديات	1.2	#15.00			
Generic, Digital	10%	2035	* *	1-3	\$15,200			

Mechanical	Current F	Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Interruptible Gas/Dual	100%	2	2037	* *	1		
Fuel							

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

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

QUEENS PUBLIC LIBRARY - 039 QUEENS CENTRAL LIBRARY

Asset #: 1867

Current F	Repair F	uture	Replacement	M	aintenance	
% of Fail Date Total (Years)			Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Location: Roof	Extent : Light, Area Affe		**	1	\$5,900	
95% Other Observation, E Location: Penthous	20 Extent : Light, Area Affe se		**	1	\$112,600	
95% 5%	20	035	* *	4	\$11,200	
70%			\$2,289,000	1	\$103,800	
20%	20	032	* *	1	\$15,500	
5%	20	022	\$41,600	4	\$1,100	
5%						
10%	20	035	* *	1		
90%	20	037	* *	1		
90%	20	036	* *	1	\$233,500	
Location: Penthous Other Observation, E Location: Penthous	se Extent : Light, Area Affe se					
		027	\$291,200	2	\$1,500	
					Ψ1,500	
90%	20	037	* *	4	\$16,000	
10%						
90%	20	022	\$2,347,300	1	\$133,400	
10%					,	
10%	20	027	\$126,500	2	\$16,700	
			·			
	5% Other Observation, E Location : Roof Explanation : 1 Roo 95% Other Observation, E Location : Penthou. Explanation : 2 Uni 95% 5% 70% 20% 5% 5% 10% 90% R-134a Refrigerant, I Location : Penthou. Other Observation, E Location : Penthou. Other Observation, E Location : Penthou. Explanation : 2 Uni 10% R-22 Refrigerant, Ext Location : Roof 90% 10% 90%	70% 20% 20% 20% 20% 20% 20% 20% 20% 20% 2	Year Fail Date Estimated Cost Year FY	Soft Fail Date Estimated Cost FY Estimated Cost FY	Note Fail Date Estimated Cost FY Estimated Cost Cycle (Yrs)	No of Fail Date Estimated Cost FY Estimated Cost Cycle C

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

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

QUEENS PUBLIC LIBRARY - 039 QUEENS CENTRAL LIBRARY

Asset #: 1867

Mechanical	Current Repair Future Replacement		re Replacement	nent Maintenance		
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Exhaust Fans						
Interior	90%	2022	\$744,600	2	\$6,600	
Roof	10%	2027	\$38,600	2	\$700	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2037	* *	1		
HW Heat Exchanger						
Steam Fired	100% Now	\$7,400 2037	* *	4	\$23,700	
	Leak Evident, Extent : Mod Location : At The Valve, I		: 5%			
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2022	\$35,500	4	\$5,100	
Sewage Ejector(s)						
Electric	100%	2022	\$67,000	4	\$9,500	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Geared Traction	50%	LIFE				
	Other Observation, Extent		d : 50%			
	Location : C1, C, C2, 1, 2	2				
	Explanation: Two Units					
Hydraulic	50%	LIFE				
	Other Observation, Extent		d : 50%			
	Location: C1, 2 And C2,	1				
	Explanation: 2 Units					
Fire Suppression						
Standpipe						
Generic	100%	2047	* *	1-5	\$125,400	
Sprinkler						
Generic	100%	2037	* *	1-2	\$67,200	
Fire Pump						
Generic	100%	2030	* *	1	\$44,800	
Chemical System						
Generic	100%	2025	\$27,100	1-3	\$3,700	

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : OUEENS VILLAGE BRANCH LIBRARY

Address : 94-11 217TH ST.

Borough : QUEENS Agency's Number : Q

Area Sq Ft : 12,980 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 14-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 10621 Lot : 12 BIN : 4226761

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$53,400	\$267,000
Interior Architecture	\$40,700	\$633,800
Electrical	\$185,400	
Mechanical		\$102,000
Total	\$279,500	\$1,002,800
Importance Code A	\$53,400	\$267,000
Importance Code B	\$226,000	\$119,100
Importance Code C		\$616,600
Total	\$279,500	\$1,002,800

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$10,000		_	
Interior Architecture	\$28,400	\$1,500	\$5,300	\$135,200
Electrical	\$14,400	\$200	\$13,800	
Mechanical	\$1,900	\$3,100	\$2,800	\$2,800
Total	\$54,700	\$4,700	\$21,900	\$138,000
Importance Code A	\$11,300	\$1,300	\$1,400	\$1,300
Importance Code B	\$43,400	\$2,700	\$20,500	\$135,200
Importance Code C		\$700		\$1,500
Total	\$54,700	\$4,700	\$21,900	\$138,000



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

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

Asset #: 13306

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Cast in Place Concrete		Now	\$1,000	LIFE	* *	5	\$4,300	
	_	_	Extent: Moderate	-				
	Location	: Basemen	t Door At Steps To	Drivewo	ay			
Masonry: Brick	85%			LIFE	* *	5	\$10,300	
Masonry: Limestone	5%			LIFE	* *	5	\$500	
Granite Panels	3%			LIFE	* *	5	\$300	
Windows								
Aluminum	98%	Now	\$9,000	2035	* *	5	\$2,100	
	Ctrwt/Balr	ic Not Fun	ct, Extent : Light, A		cted : 10%			
	Location	: Through	out					
Metal Louvers	2%			2036	* *	10	\$500	
Parapets	270			2030		10	Ψ300	
Concrete Masonry Unit	40%			LIFE	* *	5	\$1,500	
Masonry: Brick	50%			LIFE	* *	5	\$1,700	
Masonry: Limestone	10%			LIFE	* *	5	\$400	
Roof	1070			LILE			Ψ+00	
Modified Bitumen	1000/	Now	\$53,400	2027	\$267,000			
	Water Pen		1 arapei xtent : Moderate, A t Area, Childrens I					
terior								
Floors								
Carpet	50%	Now	\$25,700	2023	\$128,400	3	\$14,600	
•	Staining/D	iscoloring,	Extent : Moderate	, Area Ą	ffected : 25%			
	Location	: First Flo	or					
	Wrinkling,	Extent : M	loderate, Area Affe	cted : 10	9%			
	Location	: First Flo	or					
Ceramic Tile	5%			2036	* *	5	\$1,000	
Quarry Tile	15%			2040	* *	5	\$4,400	
Vinyl Tile	20%			2032	* *	3	\$1,900	
Vinyl Tile	10%			2027	\$17,100	3	\$700	
Interior Walls	1070				Ψ17,100		Ψ, σσ	
Ceramic Tile	5%			2036	* *	5	\$1,500	
Concrete Masonry Unit	5%			LIFE	* *	5	\$600	
Fabric on Framing	20%			2028	\$616,600	5	\$2,900	
Glass: Single Pane	5%			LIFE	**	5	\$1,100	
Gypsum Board	45%			LIFE	* *	5	\$7,900	
Marble Panels	5%			LIFE	* *	5	Ψ1,500	
Plaster	10%			LIFE	* *	5	\$900	
SGFT/Glazed Masonry	5%			LIFE	* *	3	\$300	
501-1/Glazeu Masolliy	5/0			LILE				

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

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

Asset #: 13306

Architecture	Current Re	oair F	uture Repla	cement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)		ear Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	55%	20)32	* *	5	\$10,700	
	Staining/Discoloring, E.	xtent : Light, Area A	ffected : 5%				
	Location : Various Lo	cations On First Fla	or				
	Water Penetration, Exte	nt : Moderate, Area	Affected: 10	0%			
	Location: Childrens I	Reading Room, Chec	k Out Area				
AcousTileSusp.Lay-In	25% 2-4	\$40,700 20)47	* *	5	\$2,400	
1 2	Cracking/Crumbling, E.		ea Affected :	20%		. ,	
	Location : Basement		55				
	Worn/Eroded, Extent : I	Moderate. Area Affe	cted : 25%				
	Location : Basement	33					
Exposed Concrete	5%	L	FE	* *	5	\$200	
Plaster	15%	L	FE	* *	5	\$1,800	

Electrical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Day Total (Year	ate Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	50%		2027	\$800	5		
	Other Observation	n, Extent : Moderate, .	Area Affe	ected : 100%			
	Location : Elect	rical Room					
	Explanation : O	ne 200 Ampere Main .	Disconne	ect Switch			
Molded Case Bkrs	50%		2027	\$800	5	\$200	
	Other Observation	n, Extent : Moderate, .	Area Affe	ected : 100%			
	Location : Elect	rical Room					
	Explanation: Of	ne 500 Ampere Main .	Disconne	ect Switch			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2027	\$33,500	5	\$300	
Raceway							
Conduit	100%		2027	\$32,500	1		
Panelboards							
Fused Disc Sw	5%		2026	\$800	5		
Molded Case Bkrs	95%		2026	\$14,700	5	\$300	
Wiring							
Braided Cloth	50% 2-4	\$14,400	2052	* *	1		
	Insulation Aged, H	Extent : Moderate, Are	ea Affecte	ed : 100%			
	Location : Baser	nent					
Thermoplastic	50%		2027	\$14,400	1		
Motor Controllers				·			
Locally Mounted	100%		2025	\$31,300	5	\$100	
Ground				•			
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
Lighting							

Lighting

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

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

Asset #: 13306

Electrical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	100%	2022	\$134,600	10	\$11,900	
	Other Observation, Extent: Light, Are	ea Affected	: 100%			
	Location: Throughout The Building					
	Explanation: T-12 Lamps					
Egress Lighting						
Emergency, Battery	50%	2032	* *	10	\$1,600	
Exit, Service	50%	2032	* *	1		
Exterior Lighting		•				
HID	100%	2022	\$50,800	10		

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Steam Boiler	100%		2040	* *	1	\$12,900	
	Other Obse	rvation, Extent : Light, Area	Affected	: 100%			
	Location .	: Boiler Room					
	Explanati	on : 1 Unit					
Distribution							
Central Plant Steam	100%		2037	* *	4	\$1,000	
Piping/Pmp							
Terminal Devices							
Convector/Radiator	100%		2040	* *	1	\$4,200	
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	60%		2027	\$61,200	2	\$500	
Cooling							
Exterior Pkg Unit -	40%		2027	\$40,800	2	\$300	
Cooling							
Heat Rejection							
Air Cooled Condenser	40%		2027	\$10,200	2	\$3,600	
Unit							
No Component	60%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,200	
Exhaust Fans							
Roof	100%		2027	\$20,900	2	\$400	
Plumbing							

Plumbing

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

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

Asset #: 13306

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
lumbing							
H/C Water Piping							
Galvanized Steel	100%		2032	* *	1		
Water Heater							
Gas Fired	100%		2025	\$7,700	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2032	* *	4	\$400	
Backflow Preventer							
Generic	100%		2027	\$3,200	1	\$800	
Fixtures							
Generic	100%						

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : OUEENSBORO HILL BRANCH LIBRARY

Address : 60-05 MAIN ST.

Borough : QUEENS Agency's Number : QH

Area Sq Ft : 7,956 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 05-May-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 6405 Lot : 50 BIN : 4140176

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$371,500	
Interior Architecture	\$64,800	
Electrical	\$82,500	
Mechanical		\$164,100
Total	\$518,900	\$164,100
Importance Code A	\$371,500	
Importance Code B	\$147,300	\$164,100
Total	\$518,900	\$164,100

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$26,100			
Interior Architecture	\$9,200	\$800	\$4,200	
Electrical	\$900	\$800	\$9,100	\$900
Mechanical	\$2,000	\$800	\$5,200	\$1,000
Total	\$38,300	\$2,400	\$18,600	\$1,900
Importance Code A	\$26,500	\$400	\$400	\$400
Importance Code B	\$2,500	\$2,000	\$18,200	\$1,500
Importance Code C	\$9,200			
Total	\$38,300	\$2,400	\$18,600	\$1,900



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

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

Asset #: 13307

Architecture	Current Repai	r Futu	Future Replacement		Maintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Exterior Walls	000/ 31	Φ62.000 I.EE	* *	-	#20 400	
Masonry: Brick	90% Now Jnt Mortar Miss/Erod, Ext. Location: North Facade,			5	\$20,400	
Window Wall	10% Now Caulking Deteriorated, Ex. Location: West Facade	\$11,300 2047 tent : Moderate, Area	* * Affected : 10%	5	\$4,300	
Windows						
Aluminum	90% Now Caulking Deteriorated, Ex. Location: Throughout Water Penetration, Extent			5	\$800	
	Location : Reading Area					
Glass Block	5% Other Observation, Extent Location : Entrance Area	ı	* * d : 5%	5	\$100	
	Explanation: Channel G					
Metal Louvers	5%	2036	* *	10	\$600	
Parapets Magazza Priote	90%	LIFE	* *	5	\$2,000	
Masonry: Brick Pre-Cast Concrete	10% Now	\$800 LIFE	* *	5 5	\$2,000 \$1,400	
	Cracking/Crumbling, Exter Location: Coping Jnt Mortar Miss/Erod, Exter Location: At Copings	nt : Moderate, Area A		3	ψ1,100	
Roof						
Modified Bitumen	100% Now Blisters, Extent: Moderate Location: Throughout Patching Evident, Extent: Location: Throughout Re Seams Open/Split, Extent: Location: Throughout Worn/Eroded, Extent: Moderation: Throughout	Moderate, Area Affed oof Moderate, Area Affe	cted : 20%			
nterior						
Floors Carpet	70%	2028	\$110,200	2	\$12,500	
Carpet Cast in Place Concrete	70% 5%	LIFE	\$110,200 * *	3 5	\$12,300	
Ceramic Tile	10%	2036	* *	5	\$1,200	
Vinyl Tile	15%	2027	\$15,700	3	\$700	

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

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

Asset #: 13307

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	90%			LIFE	* *	5	\$8,200	
Glass: Single Pane	5%			LIFE	* *	5	\$900	
Masonry: Brick	5%	0-2	\$9,200	LIFE	* *			
	Repointing	g Failure, E	Extent : Severe, Are	a Affecte	ed : 20%			
	Location	: Near Cle	erestories In Adult	Reading	Room			
Ceilings								
AcousTileConcealSpLn	65%	4+	\$64,800	2047	* *	5	\$4,800	
	_		Extent: Moderate	, Area Aj	ffected : 25%			
	Location	: First Flo	or					
	_	_	Extent: Moderate	, Area Aj	ffected : 25%			
	Location	: First Flo	or					
			: Moderate, Area	Affected .	: 25%			
	Location	: First Flo	or					
AcousTileSusp.Lay-In	10%			2044	* *	5	\$1,200	
1	Recent Ins	tallation, E	Extent : Light, Area	Affected	! : 10%			
	Location	: Entrance	Area					
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	\$700	
Plaster	5%			LIFE	* *	5	\$400	
Site Pavements							4.00	
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			

Electrical	Current Repa	ir Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	imated 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	t : Moderate, Area Aff	ected : 100%			
	Location: 1st Floor					
	Explanation: 1- Electric	cal Service Rated At 8	00a			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2027	\$33,500	5	\$200	
Raceway						
Conduit	100%	2027	\$32,500	1		
Panelboards						
Molded Case Bkrs	100%	2026	\$15,500	5	\$200	
Wiring						
Thermoplastic	100%	2027	\$28,700	1		
Motor Controllers						
Locally Mounted	100%	2032	* *	5	\$100	
Ground						
Grounding Devices						
Not Accessible	100%					

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

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

Asset #: 13307

Electrical	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	100%	2022	\$82,500	10	\$7,300	
	T-5 Lamps And Fixtures, Ext	ent : Light, Area Aff	ected : 100%			
	Location: 1st Floor					
	T-12 Lamps And Fixtures, Ex	tent : Light, Area A	ffected : 100%			
	Location : Boiler Room					
Egress Lighting						
Emergency, Battery	50%	2032	* *	10	\$1,000	
Exit, Service	50%	2032	* *	1		
Exterior Lighting						
HID	100%	2027	\$31,100	10		
Alarm						
Security System						
Generic	100%	2027	\$24,900	1	\$3,000	
Fire/Smoke Detection						
Generic, Digital	100%	2032	* *	1-3	\$5,100	

Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source Natural Gas	100%	2047	* *	1		
Conversion Equipment Hot Water Boiler	100%	2040	* *	1	\$3,900	
Distribution Hot Wtr Piping/Pump	100%	2035	* *	4	\$400	
Terminal Devices Air Handler	50%	2032	**	1	\$2,500	
	Other Observation, Extent: Lig Location: Roof Level Machin Explanation: Combination H	e Room	00%			
Convector/Radiator	50% Other Observation, Extent : Lig Location : About 8Ft Off Floo Explanation : Radiators		**	1	\$1,300	
Air Conditioning						
Energy Source Electricity	100%	2043	* *	1		
Conversion Equipment Int Pkg Unit - Heating/Cooling	100%	2028	\$164,100	2	\$500	
Distribution Ductwork/Diffusers	100%	LIFE	* *	2	\$10,400	
Heat Rejection Dry Cooler	100%	2032	* *	2	\$5,500	

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

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

Asset #: 13307

lechanical	Current Repa	air Futur	e Replacement	M	laintenance	
ystem Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
entilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,400	
Exhaust Fans						
Interior	80%	2032	* *	2	\$200	
Roof	20%	2032	* *	2	\$100	
umbing						
H/C Water Piping						
Brass/Copper	100%	2047	* *	1		
Water Heater						
Gas Fired	100%	2026	\$4,700	2	\$100	
	Recent Replace Evident, I	Extent : Light, Area Aff	ected : 100%			
	Location: Mechanical I	Room				
	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location : Boiler Room					
	Explanation: Smith 30	Gallons				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : REGO PARK BRANCH LIBRARY Address : 91-41 63RD DR. @ AUSTIN ST.

Borough : QUEENS Agency's Number : RG

Area Sq Ft : 7,257 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 08-Aug-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,ph

Block : 3104 Lot : 16 BIN : 4072812

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$111,600	\$299,700
Interior Architecture		\$63,700
Electrical	\$75,200	\$77,800
Mechanical		\$54,300
Total	\$186,800	\$495,500
Importance Code A	\$111,600	\$354,000
Importance Code B	\$75,200	\$141,500
Total	\$186,800	\$495,500

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$900	_	_	
Interior Architecture	\$300		\$3,800	\$900
Electrical	\$7,500	\$700	\$16,300	\$14,800
Mechanical	\$5,300	\$900	\$12,700	\$900
Total	\$14,000	\$1,500	\$32,800	\$16,600
Importance Code A	\$1,300	\$400	\$400	\$400
Importance Code B	\$12,700	\$1,200	\$32,500	\$15,900
Importance Code C				\$400
Total	\$14,000	\$1,500	\$32,800	\$16,600



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

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

QUEENS PUBLIC LIBRARY - 039 REGO PARK BRANCH LIBRARY

Asset #: 13308

		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
kterior								
Exterior Walls			*			_		
Masonry: Brick	Effloresce Location Jnt Morta	: Through	l, Extent : Modera			5	\$8,300	
	_	n Growth, E n : North Fa	Extent : Moderate, . acade	Area Affe	ected : 20%			
Metal Panel	30%			2044	* *	5-10	\$28,400	
Window Wall	10%			2044	* *	5	\$5,200	
Windows								
Aluminum	98%			2040	* *	5	\$800	
Metal Louvers	2%	Now	\$500	2039	* *			
	Location Deteriora	i : Penthous ted Finish, .	Extent : Moderate,					
Roof	Location	: Penthous	se					
Modified Bitumen	Seams Op Location Water Per	: Over Res	xtent : Moderate, A					
	Locuitor	. Over hes	arooms					
terior	Locuitor	. Over hes	strooms					
Floors			<i>strooms</i>	2025	ф100.700	2	¢11.400	
	70% Recent Re		ent, Extent : Light,	2025 Area Aff	\$100,500 ected : 100%	3	\$11,400	
Floors	70% Recent Re	place Evide 1 : Through	ent, Extent : Light,			3	\$11,400 \$1,200	
Floors Carpet	70% Recent Re Location	place Evide 1 : Through	ent, Extent : Light,	Area Aff	ected : 100%			
Floors Carpet Cast in Place Concrete Ceramic Tile	70% Recent Re Location 5%	place Evide 1 : Through	ent, Extent : Light,	Area Aff	**	5	\$1,200 \$500	
Floors Carpet Cast in Place Concrete	70% Recent Re Location 5% 5% 20% Recent Re	place Evide 1 : Through	ent, Extent : Light, out ent, Extent : Light,	LIFE 2033 2032	** ** **	5 5	\$1,200	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls	70% Recent Re Location 5% 5% 20% Recent Re Location	place Evide 1: Through 1: Through 1: Through 1: Through	ent, Extent : Light, out ent, Extent : Light,	LIFE 2033 2032 Area Aff	** ** **	5 5	\$1,200 \$500 \$1,100	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile	70% Recent Re Location 5% 20% Recent Re Location 5%	place Evide : Through place Evide : Through	ent, Extent : Light, out ent, Extent : Light,	LIFE 2033 2032 Area Aff	** ** **	5 5	\$1,200 \$500 \$1,100	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls	70% Recent Re Location 5% 5% 20% Recent Re Location	place Evide : Through place Evide : Through	ent, Extent : Light, out ent, Extent : Light,	LIFE 2033 2032 Area Aff	** ** ** ected: 100%	5 5 3	\$1,200 \$500 \$1,100	
Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Ceilings	70% Recent Re Location 5% 5% 20% Recent Re Location 5% 95%	place Evide : Through place Evide	ent, Extent : Light, out ent, Extent : Light,	LIFE 2033 2032 Area Aff	** ** ** ected: 100% ** ** ** ** **	5 5 3	\$1,200 \$500 \$1,100 \$800 \$6,000	
Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Ceilings AcousTileConcealSpLn	70% Recent Re Location 5% 5% 20% Recent Re Location 5% 95%	place Evide : Through place Evide : Through	ent, Extent : Light, out ent, Extent : Light,	LIFE 2033 2032 Area Aff 2033 LIFE 2029	** ** ** ** ** ** ** ** ** ** ** ** **	5 5 3 5 5	\$1,200 \$500 \$1,100 \$800 \$6,000 \$3,400	
Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Ceilings	70% Recent Re Location 5% 5% 20% Recent Re Location 5% 95%	place Evide : Through place Evide : Through	ent, Extent : Light, out ent, Extent : Light,	LIFE 2033 2032 Area Aff	** ** ** ected: 100% ** ** ** ** **	5 5 3 5 5	\$1,200 \$500 \$1,100 \$800 \$6,000	
Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Ceilings AcousTileConcealSpLn	70% Recent Re Location 5% 20% Recent Re Location 5% 95% 40% 70% Water Per	place Evide : Through place Evide : Through	ent, Extent : Light, out ent, Extent : Light,	LIFE 2033 2032 Area Aff 2033 LIFE 2029 2029 Area Affe	** ** ** ** ** ** ** ** \$22,700 \$63,700	5 5 3 5 5	\$1,200 \$500 \$1,100 \$800 \$6,000 \$3,400	

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

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

QUEENS PUBLIC LIBRARY - 039 REGO PARK BRANCH LIBRARY

Asset #: 13308

Electrical	Current F	Repair	Futur	e Replacement	Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%		2024	\$1,500	5	\$200		
	Other Observation, E Location : Electrica Explanation : Main	l Room						
Switchgear / Switchboard	Ехрининон : тип	Service Swiich Ru	ica zii 70	o imperes				
Molded Case Bkrs	100%		2024	\$33,500	5	\$200		
Raceway								
Conduit	90%		2024	\$29,200	1			
Conduit	10%		2044	* *	1			
Panelboards								
Fused Disc Sw	5%		2040	* *	5			
Molded Case Bkrs	90%		2023	\$13,900	5	\$200		
Molded Case Bkrs	5%		2040	* *	5			
Wiring								
Thermoplastic	90%		2024	\$25,900	1			
Thermoplastic	10%		2044	* *	1			
Motor Controllers								
Locally Mounted	100%		2022	\$15,600	5			
Ground								
Grounding Devices								
Generic	100%		LIFE	* *	5	\$100		
Lighting								
Interior Lighting								
Fluorescent	100%		2020	\$75,200	10	\$6,700		
	T-12 Lamps And Fixt		erate, Ar	ea Affected : 100%	ó			
	Location : Through	out The Building						
Egress Lighting								
Emergency, Battery	50%		2029	\$5,100	10	\$900		
Exit, Service	50%		2029	\$500	1			
Exterior Lighting								
HID	100%		2024	\$28,400	10			
Alarm								
Security System								
Generic	100%		2024	\$22,700	1	\$2,700		
	Other Observation, E. Location : Through		Area Affe	cted : 100%				
	Explanation: Intrus	ion Alarm Only, M	<u> Iotion Se</u>	nsors				
Fire/Smoke Detection								
Generic	100%		2029	\$77,800	1-3	\$4,600		
	Other Observation, E. Location : Through		Area Affe	ected : 100%				
	Explanation: Strob	e Lights, Manual F	Pull Statio	on, Horns And Smo	ke Detec	ctors		

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

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

QUEENS PUBLIC LIBRARY - 039 REGO PARK BRANCH LIBRARY

Asset #: 13308

Mechanical	Current Repai	r Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2034	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2029	\$54,300	1	\$3,600	
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location : Boiler Room					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2040	* *	4	\$500	
Terminal Devices						
Air Handler	60%	2032	* *	1	\$2,700	
Convector/Radiator	30%	2022	\$11,300	1	\$700	
Unit Heater - Steam	10%	2024	\$2,500	4	\$100	
Air Conditioning						
Energy Source						
Electricity	100%	2040	**	1		
Conversion Equipment						
Ext Pkg Unit -	90%	2032	* *	2	\$400	
Heating/Cooling			0.00 /			
	R-22 Refrigerant, Extent:		90%			
	Location: 1 Unit On Roc					
Split Unit	10%	2029	\$15,000			
	R-22 Refrigerant, Extent:	Light, Area Affected :	10%			
	Location : Roof					
Terminal Devices						
Fan Coil - 2 Pipe	10%	2029	\$13,400	1	\$200	
No Component	90%					
Heat Rejection						
Dry Cooler	10%	2029	\$3,800	2	\$500	
No Component	90%					
Ventilation						
Distribution	1000/		ala ala			
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,000	
Exhaust Fans	0.50/	2020	Ф21 200	2	Φ200	
Interior	85%	2029	\$21,300	2	\$200	
Roof	15%	2029	\$1,800	2		
Plumbing						
H/C Water Piping	1000/	2044	* *	1		
Brass/Copper	100%	2044		1		
Water Heater	1000/	2020	04.200	2	¢100	
Gas Fired	100%	2020	\$4,300	2	\$100	
Sanitary Piping	1000/	TIPP	* *	1		
Cast Iron	100%	LIFE	<i>ጉ</i>	1		
Storm Drain Piping	1000/		* *	1		
Cast Iron	100%	LIFE	ተ ች	1		
Fixtures	1000/					
Generic	100%					

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

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

QUEENS PUBLIC LIBRARY - 039 REGO PARK BRANCH LIBRARY

Asset #: 13308

Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : RICHMOND HILL BRANCH LIBRARY

Address : 118-14 HILLSIDE AVE.

Borough : QUEENS Agency's Number : RI

Area Sq Ft : 13,193 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 06-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 9264 Lot : 56 BIN : 4193458

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$408,200	
Interior Architecture	\$48,700	\$121,700
Electrical	\$187,000	
Mechanical		\$178,600
Total	\$643,900	\$300,300
Importance Code A	\$408,200	
Importance Code B	\$235,700	\$300,300
Total	\$643,900	\$300,300

Total	\$125,500	\$2,500	\$28,100	\$5,300
Importance Code C	\$30,000			
Importance Code B	\$59,500	\$1,200	\$26,600	\$4,000
Importance Code A	\$36,000	\$1,300	\$1,500	\$1,300
Total	\$125,500	\$2,500	\$28,100	\$5,300
Mechanical	\$4,200	\$2,300	\$2,800	\$2,000
Electrical		\$200	\$25,300	
Interior Architecture	\$86,500			\$3,300
Exterior Architecture	\$34,700			
EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023



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

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

Asset #: 13309

Architecture	Current F	Current Repair Future Replacement			M		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	000/ 37	*			_	01-000	
Masonry: Brick	90% Now Cracking/Crumbling, Location: Through Vertical Cracks, Exte Location: Southeas Water Penetration, E. Location: Through	out nt : Moderate, Are t Corner xtent : Moderate, 1	a Affecte	rd : 10%	5	\$15,200	
Masonry: Limestone	10% Now Jnt Mortar Miss/Eroc Location: Children		LIFE te, Area A	* * Affected : 10%	5	\$1,300	
	Water Penetration, E. Location : Through	· ·	Affected	: 20%			
Windows Aluminum	100% Now Caulking Deteriorate Location: Through		2035 ute, Area	* * Affected : 40%	5	\$2,400	
	Weather Strip Missing Location : Through	_	te, Area	Affected : 40%			
Parapets							
Metal Rail	10%		2040	* *	5-10	\$6,000	
No Component	90%						
Roof	200/ 37	#21 000	2022	* *			
Metal Panel	30% Now Water Penetration, E. Location: Through		2032 Area Affe				
Modified Bitumen	70% Now Water Penetration, E. Location: Through		2032 Area Affe	* * cted : 30%			
Interior							
Floors	1.50/		2026	#20.20 2	2	Φ 7 000	
Carpet	15%		2026	\$39,200 * *	3	\$5,900	
Cast in Place Concrete	5%	¢5,000	LIFE	* *	5	\$2,200	
Ceramic Tile	5% Now Cracking/Crumbling, Location: Through		2030 e, Area Aj		5	\$500	
Vinyl Tile	70% Now Cracking/Crumbling, Location: Through		2027 e, Area Aj	\$121,700 ffected : 40%	3	\$5,200	
Vinyl Tile 9" X 9"	5% 0-2 Cracking/Crumbling, Location: Through		2037 e, Area Aj	* * ffected : 100%	3	\$400	

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

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

Asset #: 13309

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls	50/	NT	#1.700	2026	* *	-	#200	
Ceramic Tile		Now	\$1,500	2036		5	\$300	
	_	Crumbung, เ : Through	Extent : Light, Ard out	еа Ајјест	ea : 10%			
Gypsum Board	15%			LIFE	* *	5	\$900	
Gypsum Board	15%			LIFE	* *	5	\$900	
Plaster	65%		\$28,500	LIFE	* *	5	\$2,100	
			Extent : Moderate	, Area A	ffected : 10%			
		: Through						
			Extent : Moderate, A	Area Affe	ected : 10%			
	Location	: Through	out					
Ceilings								
AcousTile,Adhered		Now	\$500	2032	* *	5	\$500	
			Extent : Light, Area	Affected	: 5%			
		: 2nd Floo			- 0.4			
		ded, Extent a : 2nd Floo	: Moderate, Area . or	Affected	: 5%			
AcousTileConcealSpLn	15%			2040	* *	5	\$3,700	
AcousTileSusp.Lay-In		Now	\$3,300	2040	* *	5	\$2,000	
	Cracking/Crumbling, Extent: Light, Area Affected: 10%							
	Location	: Through	out					
	Water Per	netration, E	Extent : Light, Area	Affected	: 10%			
	Location	: Through	out					
Plaster	60%	Now	\$32,200	LIFE	* *	5	\$7,400	
	Cracking/Crumbling, Extent: Moderate, Area Affected: 30%							
		: Through						
		netration, E n : Through	Extent : Moderate, A out	Area Affe	ected : 30%			

Electrical	Current Repair	Future R	eplacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2027	\$1,500	5	\$300	
	Other Observation, Extent : Light, Area	Affected: 10	00%			
	Location: Electrical Room					
	Explanation: One 400 Amperes Main	Disconnect .	Switch			
Raceway						
Conduit	100%	2027	\$32,500	1		
Panelboards						
Fused Disc Sw	5%	2026	\$800	5		
Molded Case Bkrs	95%	2026	\$14,700	5	\$300	

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

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

Asset #: 13309

Electrical	Current Repair	Current Repair Future Replacement		M		
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring						
Braided Cloth	50%	2026	\$14,400	1		
	Insulation Aged, Extent : Mode Location : Throughout The B		d : 100%			
Thermoplastic	50%	2027	\$14,400	1		
Motor Controllers						
Locally Mounted	100%	2025	\$31,300	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Lighting						
Interior Lighting						
Fluorescent	99%	2022	\$135,400	10	\$12,000	
	Other Observation, Extent: Mo Location: Throughout The B Explanation: T - 12 Lamps		cted : 100%			
Incandescent	1%	2022	\$1,400	2		
Egress Lighting	270		\$2,100			
Emergency, Battery	50%	2022	\$9,200	10	\$1,600	
Exit, Service	50%	2022	\$1,000	1	7 7- 7-	
Exterior Lighting			. ,			
HID	100%	2022	\$51,600	10		

Mechanical	Current Repair	Future Replacement	N	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority
Heating					
Energy Source					
Natural Gas	100%	2037 ***	* 1		
Conversion Equipment					
Steam Boiler	100%	2032 **	* 1	\$13,100	
	Other Observation, Extent: Moderate,	Area Affected : 100%			
	Location: Basement				
	Explanation: 1 Unit				
Distribution					
Central Plant Steam	100%	2037 ***	* 4	\$1,000	
Piping/Pmp					
Terminal Devices					
Convector/Radiator	100%	2040 * *	* 1	\$4,300	
Air Conditioning					
Energy Source					
Electricity	100%	2043 **	* 1		

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

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

Asset #: 13309

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								
Interior Pkg Unit -	20%			2025	\$95,700	2	\$200	
Cooling								
Exterior Pkg Unit -	80%			2027	\$82,900	2	\$600	
Cooling								
Ventilation								
Distribution								
Ductwork/Diffusers		Now	\$2,400	LIFE	* *	2-5	\$7,400	
			: Moderate, Area A			_		
·	Location	: Flexible	Connection Of #1	Ext. Pac	kage Unit On Roof			
Exhaust Fans								
Interior	60%			2027	\$27,300	2	\$200	
Roof	40%			2027	\$8,500	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2047	* *	1		
Galvanized Steel	80%			2032	* *	1		
Water Heater								
Gas Fired	100%			2025	\$7,800	2	\$200	
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%							

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : RIDGEWOOD BRANCH LIBRARY
Address : 20-12 MADISON ST. @ FAIRVIEW AVE

Borough : QUEENS Agency's Number : RW

Area Sq Ft : 13,732 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 09-Jun-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,1m,2

Block : 3491 Lot : 1 BIN : 4083512

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$177,300	
Mechanical		\$37,500
Total	\$177,300	\$37,500
Importance Code A	\$177,300	
Importance Code B		\$37,500
Total	\$177,300	\$37,500

Total	\$10,100	\$12,000	\$8,000	\$25,200
Importance Code C			\$100	
Importance Code B	\$9,100	\$11,000	\$6,800	\$24,200
Importance Code A	\$1,000	\$1,000	\$1,000	\$1,000
Total	\$10,100	\$12,000	\$8,000	\$25,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$2,100	\$1,900	\$3,000	\$1,800
Electrical	\$900	\$1,100	\$900	\$15,400
Interior Architecture	\$3,100	\$5,000	\$100	\$4,100
Exterior Architecture				
EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023



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

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

Asset #: 13310

Architecture	Current Repair		Future Replacement		M		
System Component Type		nil Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls Cast Stone/Terra Cotta	20%] Jnt Mortar M Location : 2	liss/Erod, Extent : Moderat	LIFE e, Area A	* * Affected : 25%	5	\$34,900	
Masonry: Brick	80%] Jnt Mortar M Location : 1	liss/Erod, Extent : Moderat	LIFE e, Area A	* * Affected : 50%	5	\$17,900	
Windows							
Aluminum	100%		2044	* *	5	\$5,800	
Parapets Cast Stone/Terra Cotta	10% Recent Repai Location : 0	r Evident, Extent : Light, A Coping	LIFE rea Affe	* * cted : 20%	5	\$6,000	
Masonry: Brick	90% Recent Repai Location : 7	r Evident, Extent : Light, A Throughout	LIFE rea Affe	* * cted : 25%	5	\$7,000	
Roof							
Modified Bitumen	100%		2036	* *	10	\$17,900	
Interior							_
Floors	10%		2029	\$27,200	2	\$4,100	
Carpet Ceramic Tile	35%		2029	\$27,200 **	3 5	\$7,200	
Vinyl Tile	55%		2036	* *	3	\$4,200	
Interior Walls	3370		2030			ψτ,200	
Ceramic Tile	2%		2037	* *	5	\$200	
Glass: Single Pane	3%		LIFE	* *	5	\$200	
Gypsum Board	15%		LIFE	* *	5	\$900	
Plaster	80%		LIFE	* *	5	\$2,300	
Ceilings	0070		LII L			Ψ2,500	
AcousTile,Adhered	30%		2033	* *	5	\$6,200	
AcousTileSusp.Lay-In	60%	4+ \$2,100	2045	* *	5	\$6,200	
,		coloring, Extent : Severe, A		cted : 2%	-	¥ 0,= 0 0	
Plaster	10%		LIFE	* *	5	\$1,300	
Site Enclosure			<u> </u>			. /	
Fence/Gates							
Iron Picket	100%		2063	* *			
Retaining Walls Masonry: Brick	100%		2048	* *			
Site Pavements							
Public Sidewalk Cast in Place Concrete	100%		2041	* *			
On-Site Walkways Cast in Place Concrete	100%		2041	* *			
Activity Yard Pavers/Stone	100%		2037	* *			
-							

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

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

Asset #: 13310

Electrical		Current Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	90%		2048	* *	5	\$100	
		ervation, Extent : Moderate, A	Area Affe	ected : 100%			
		: Electrical Room					
		tion : One 800 Amperes					
Fused Disc Sw	10%		2048	* *	5		
		ervation, Extent : Moderate, A	Area Affe	ected : 100%			
		: Electrical Room					
	Explana	tion : One 200 Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard	1000/		20.40	ماد ماد	_	0.400	
Molded Case Bkrs	100%		2048	* *	5	\$400	
Raceway	4000/		• • • • •	ماد ماد			
Conduit	100%		2048	* *	1		
Panelboards	5 0/		2011	ماد ماد	_		
Fused Disc Sw	5%		2044	* *	5	#200	
Molded Case Bkrs	95%		2044	* *	5	\$300	
Wiring	1000/		20.40	* *			
Thermoplastic	100%		2048	~ ~	1		
Motor Controllers	1000/		2041	* *	-	¢100	
Locally Mounted	100%		2041		5	\$100	
Ground							
Grounding Devices	1000/		LIEE	* *	_	¢200	
Generic	100%		LIFE		5	\$200	
Lighting Interior Lighting							
Fluorescent	70%		2033	* *	10	\$8,800	
Puorescent		s And Fixtures, Extent : Mode		a Affected : 100%	10	\$6,600	
	_	: Throughout The Building	ruie, Are	а Аујества . 100/0			
El .		. Throughout The Buttuting	2022	* *	10	¢1 200	
Fluorescent	10%	e E. M.	2033		10	\$1,300	
		ervation, Extent : Moderate, A	Area Affe	ectea : 100%			
		: Throughout The Building					
		tion : Compact Fluorescent Li					
Fluorescent	20%		2033	**	10	\$2,500	
	_	And Fixtures, Extent: Mode	rate, Are	a Affected : 100%			
	Location	: Throughout The Building					
Egress Lighting	-00		2622	ماد ماد	10	4 0.	
Emergency, Battery	50%		2033	* *	10	\$1,700	
Exit, LED	45%		2056	* *	1		
Exit, Service	5%		2033	* *	1		
Exterior Lighting	1000/		2022	* *	1.0		
HID Alarm	100%		2033	* *	10		

Alarm

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

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

Asset #: 13310

Electrical	Current Repair	Future Replacement	t N	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co FY	st Cycle (Yrs)	Estimated Cost	Priority
Alarm					
Security System					
No Component	30%				
Generic	70%	2033 *	* 1	\$3,600	
	Other Observation, Extent: Moderate,	Area Affected : 100%			
	Location: Throughout The Building				
	Explanation: CCTV Surveillance Can	neras			
Fire/Smoke Detection					
No Component	30%				
Generic, Digital	70%	2033 *	* 1-3	\$5,900	

Mechanical	Current Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source							
Natural Gas	100%	2048	* *	1			
Conversion Equipment							
Furnace	50%	2033	* *	1	\$3,400		
	Other Observation, Extent : I	Light, Area Affected	: 50%				
	Location: Roof						
	Explanation: 3 Roof Top P	ackage Units					
Steam Boiler	50%	2041	* *	1	\$6,800		
	Other Observation, Extent : I	Light, Area Affected	: 100%				
	Location : Basement Boiler						
	Explanation: 1 Unit						
Distribution							
Central Plant Steam	50%	2048	* *	4	\$500		
Piping/Pmp							
No Component	50%						
Terminal Devices							
Air Handler	20%	2028	\$37,500	1	\$1,700		
Convector/Radiator	30%	2041	* *	1	\$1,300		
No Component	50%						
Air Conditioning							
Energy Source							
Electricity	100%	2044	* *	1			

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

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

Asset #: 13310

Mechanical	Current Repair Future Replacement		nent Maintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Conversion Equipment						
Reciprocating Compr/Chiller	20%	2028	\$22,600	1	\$1,300	
Compi/Cimei	Other Observation, Extent : Light, A	Area Affected · 20	%			
	Location: Roof	rea rijjeerea . 20	70			
	Explanation: Refrigerant: R-22					
Ext Pkg Unit -	80%	2033	* *	2	\$700	
Heating/Cooling	0070	2033		-	Ψ700	
	Other Observation, Extent : Light, A	Area Affected : 80	%			
	Location: Roof					
	Explanation: 3 Package Units. R	efrigerant: R-410	а			
Terminal Devices						
Air Handler/Dir	20%	2028	\$29,800	1		
Expansion	000/					
No Component	80%					
Heat Rejection	200/	2020	¢14.500	2	¢1 000	
Dry Cooler No Component	20% 80%	2028	\$14,500	2	\$1,900	
Ventilation Ventilation	8070					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$7,700	
Exhaust Fans					4.,	
Roof	100%	2033	* *	2	\$400	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2048	* *	1		
Water Heater				_		
Gas Fired	100%	2026	\$8,100	2	\$200	
Sanitary Piping	1000/	LIEE	* *	1		
Cast Iron	100%	LIFE	· · ·	1		
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	10070	LIFE		1		-
Non-Submersible	100%	2033	* *	4	\$400	
Backflow Preventer	10070	2033			ψτου	
Generic	100%	2033	* *	1	\$800	
Fixtures					4000	
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent: Light, A		0%			
	Location: Basement To 2nd Floor	•				
	Explanation : One Unit					

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : ROCHDALE VILLAGE BRANCH LIBRARY

Address : 169-09 137TH AVE.

Borough : QUEENS Agency's Number : RO

Area Sq Ft : 10,097 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 31-Mar-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 12495 Lot : 175 BIN : 4270057

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Mechanical	\$75,500	\$110,200
Total	\$75,500	\$110,200
Importance Code A	\$75,500	
Importance Code B		\$110,200
Total	\$75,500	\$110,200

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$9,300		\$3,300	
Interior Architecture	\$4,900	\$600	\$6,500	\$4,900
Electrical	\$13,400	\$1,100	\$1,100	\$1,100
Mechanical	\$1,400	\$1,200	\$7,300	\$1,400
Total	\$29,000	\$2,800	\$18,200	\$7,400
Importance Code A	\$9,300	\$500	\$4,000	\$500
Importance Code B	\$19,700	\$2,100	\$14,200	\$6,900
Importance Code C		\$300		
Total	\$29,000	\$2,800	\$18,200	\$7,400



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

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

QUEENS PUBLIC LIBRARY - 039 ROCHDALE VILLAGE BRANCH LIBRARY

Asset #: 13311

System Component Type	Architecture	Current Repair	Future Re	placement	M	aintenance	
Exterior Walls Masonry: Brick 80%	Component			imated Cost	•	Estimated Cost	Priority
Masonry: Brick 80% 4+ \$8,700 LIFE ** 5 \$13,900							
Other Observation, Extent: Light, Area Affected: 100% Location: New Addition To East Elevation		Vertical Cracks, Extent : Moderate,			5	\$13,900	
Other Observation, Extent : Light, Area Affected : 100% Explanation : Thermally Inefficient	Weathering Steel	Other Observation, Extent : Light, A Location : New Addition To East E	Area Affected : 10 Elevation		1		
Window Wall	Window Wall	Other Observation, Extent : Light, A Location : Throughout	Area Affected : 10		5	\$3,900	
Aluminum	Window Wall	4% Recent Construction, Extent: Light,	2057 Area Affected : A		5	\$2,600	
Other Observation, Extent: Light, Area Affected: 100% Location: Throughout Explanation: Thermally Inefficient							
Parapets	Aluminum	Other Observation, Extent : Light, A Location : Throughout Explanation : Thermally Inefficien	Area Affected : 10		5	\$1,300	
Cast in Place Concrete 100%	Aluminum	Recent Construction, Extent : Light,	Area Affected : A		5	\$100	
IRMA/Protected 15% 2035 ** 10 \$4,800	Cast in Place Concrete	100%	LIFE	* *	5	\$7,300	
Modified Bitumen	IRMA/Protected	15%	2035	* *	10	\$4,800	
Recent Installation, Extent : Light, Area Affected : 100% Location : Roof On New Addition		Recent Replace Evident, Extent : Lig			10	\$23,800	
Carpet 65% 2029 \$129,900 3 \$19,600 Cast in Place Concrete 10% LIFE ** 5 \$3,300 Ceramic Tile 5% 2036 ** 5 \$800 Vinyl Tile 20% 2037 ** 3 \$1,100 Interior Walls Ceramic Tile 3% 2036 ** 5 \$500 Concrete Masonry Unit 67% LIFE ** 5 \$4,600 Glass: Single Pane 5% LIFE ** 5 \$600	Skylight, Metal/Glass	Recent Installation, Extent: Light, A			10	\$10,600	
Carpet 65% 2029 \$129,900 3 \$19,600 Cast in Place Concrete 10% LIFE ** 5 \$3,300 Ceramic Tile 5% 2036 ** 5 \$800 Vinyl Tile 20% 2037 ** 3 \$1,100 Interior Walls Ceramic Tile 3% 2036 ** 5 \$500 Concrete Masonry Unit 67% LIFE ** 5 \$4,600 Glass: Single Pane 5% LIFE ** 5 \$600	Interior						
Cast in Place Concrete 10% LIFE ** 5 \$3,300 Ceramic Tile 5% 2036 ** 5 \$800 Vinyl Tile 20% 2037 ** 3 \$1,100 Interior Walls Ceramic Tile 3% 2036 ** 5 \$500 Concrete Masonry Unit 67% LIFE ** 5 \$4,600 Glass: Single Pane 5% LIFE ** 5 \$600					_	<u>.</u>	
Ceramic Tile 5% 2036 ** 5 \$800 Vinyl Tile 20% 2037 ** 3 \$1,100 Interior Walls Ceramic Tile 3% 2036 ** 5 \$500 Concrete Masonry Unit 67% LIFE ** 5 \$4,600 Glass: Single Pane 5% LIFE ** 5 \$600	=						
Vinyl Tile 20% 2037 ** 3 \$1,100 Interior Walls Ceramic Tile 3% 2036 ** 5 \$500 Concrete Masonry Unit Glass: Single Pane 67% LIFE ** 5 \$4,600 Glass: Single Pane 5% LIFE ** 5 \$600						·	
Interior Walls Ceramic Tile 3% 2036 ** 5 \$500 Concrete Masonry Unit 67% LIFE ** 5 \$4,600 Glass: Single Pane 5% LIFE ** 5 \$600							
Ceramic Tile 3% 2036 ** 5 \$500 Concrete Masonry Unit 67% LIFE ** 5 \$4,600 Glass: Single Pane 5% LIFE ** 5 \$600		20%	2037	* *	3	\$1,100	
Concrete Masonry Unit 67% LIFE ** 5 \$4,600 Glass: Single Pane 5% LIFE ** 5 \$600		20/	2026	.	_	0.500	
Glass: Single Pane 5% LIFE ** 5 \$600						•	

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

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

QUEENS PUBLIC LIBRARY - 039 ROCHDALE VILLAGE BRANCH LIBRARY

Asset #: 13311

Architecture	Current Repair	Current Repair Future		Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior							
Ceilings							
AcousTileConcealSpLn	65%	2047	* *	5	\$12,300		
	Recent Repair Evident, Extent : Light,	Area Affec	rted : 5%				
	Location : Throughout						
Exposed Struc: Steel	5%	LIFE	* *				
Exposed Struc: Wood	30%	LIFE	* *				
-	Other Observation, Extent : Light, Area	a Affected	: 100%				
	Location : New Addition						
	Explanation: Recent Construction						
Site Enclosure					,		
Free Standing Walls							
Cast in Place Concrete	100%	2077	* *				
	Other Observation, Extent : Light, Area	a Affected	: 100%				
	Location: Rear Courtyard						
	Explanation: Recent Construction						

Electrical		Current Repair	Futui	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2027	\$1,500	5	\$300	
		ervation, Extent : Moderate,	Area Affe	ected : 100%			
		: Electrical Room					
	Explana	ion : 300 Amperes					
Raceway							
Conduit	95%		2027	\$30,800	1		
Conduit	5%	4+	2037	* *	1		
		ervation, Extent : Light, Area	a Affectea	! : 50%			
	Location	3					
	Explanai	ion : Conduit Not Supported	Properly	1			
Panelboards							
Fused Disc Sw	100%		2026	\$15,500	5	\$200	
Wiring							
Braided Cloth	40%	2-4 \$11,500	2052	* *	1		
		Aged, Extent: Moderate, Ar	ea Affecte	ed : 100%			
	Location	: Throughout The Building					
Thermoplastic	60%		2047	* *	1		
Motor Controllers							
Locally Mounted	100%		2025	\$31,300	5	\$100	
fround							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
		ervation, Extent : Severe, Ar	ea Affecte	ed : 100%			
	Location	: First Floor					
	Explanat	ion : No Ground Wire Jump	ing The W	ater Meter.			

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

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

QUEENS PUBLIC LIBRARY - 039 ROCHDALE VILLAGE BRANCH LIBRARY

Asset #: 13311

Electrical		Current Repair	Futui	re Replacement	M	aintenance	
System Component Type	, , , ,	Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	30%		2035	* *	10	\$2,800	
	T-5 Lamps A	And Fixtures, Extent : Lig	ht, Area Af	fected : 100%			
	Location :	First Floor					
LED	70%		2035	* *			
Egress Lighting							
Emergency, Battery	50%		2035	* *	10	\$1,200	
Exit, Service	50%		2035	* *	1		
Exterior Lighting							
HID	80%		2027	\$31,600	10		
Incandescent	20%	4+ \$700	2027	\$6,700	2		
	Other Obser	rvation, Extent : Light, Ar	ea Affectea	l : 100%			
	Location:	Exterior Rear					
	Explanatio	on : Halogen Fixtures					
Alarm							
Security System							
Generic	100%		2035	* *	1	\$3,800	
Fire/Smoke Detection							
Generic, Digital	100%		2035	* *	1-3	\$6,400	

Generie, Digital	10070		2033		1 3	ψ0,100	
Mechanical	Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type		Estimated Cost		Estimated Cost		Estimated Cost	Priorit
Heating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Hot Water Boiler	100% 0-2	\$75,500	2047	* *	1	\$4,500	
	On Extended Life, Exte	ent : Moderate, A	rea Affec	ted : 100%			
	Location: 1st Floor						
	Repairs In Progress, E	xtent : Light, Are	a Affecte	d: 100%			
	Location: 1st Floor						
Distribution							
Hot Wtr Piping/Pump	100%		2043	* *	4	\$500	
	Broken, Extent: Mode	rate, Area Affecte	d: 50%				
	Location: 1st Floor						
Terminal Devices							
Air Handler	80%		2027	\$110,200	1	\$5,000	
Air Handler	20%		2032	* *	1	\$1,300	
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment							
Split Unit	20%		2032	* *			
No Component	80%						

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

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

QUEENS PUBLIC LIBRARY - 039 ROCHDALE VILLAGE BRANCH LIBRARY

Asset #: 13311

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Distribution						
Ductwork/Diffusers	80%	LIFE	* *	2	\$10,500	
No Component	20%					
Terminal Devices						
Air Handler/Dir	80%	2032	* *	1		
Expansion						
No Component	20%					
Heat Rejection						
Air Cooled Condenser	50%	2022	\$2,000	2	\$3,500	
Unit	500/					
No Component	50%					
Ventilation						
Distribution	1000/		ילי ילי		45.600	
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,600	
Exhaust Fans	500/	2022	ata ata		#200	
Interior	50%	2032	* *	2	\$200	
Roof	50%	2032	* *	2	\$200	
Plumbing						
H/C Water Piping	1000/	201-	* *			
Brass/Copper	100%	2047	* *	1		
Water Heater	1000/		4.5000		4400	
Gas Fired	100%	2025	\$6,000	2	\$100	
	Other Observation, Extent: Lig	ght, Area Affected :	100%			
	Location: 1st Floor					
	Explanation: 50 Gallons					
Sanitary Piping	1000/		ala ala			
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	1000/		نام نام			
Cast Iron	100%	LIFE	* *	1		
Fixtures	1000/					
Generic	100%					

Maintenance \$ are aggregated over a 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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : SAINT ALBANS BRANCH LIBRARY

Address : 191-05 LINDEN BLVD.

Borough : QUEENS Agency's Number : 53

Area Sq Ft : 7,062 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 29-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 11062 Lot : 24 BIN : 4238275

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$293,900
Interior Architecture	\$79,700	
Electrical		\$71,800
Mechanical		\$352,400
Total	\$79,700	\$718,100
Importance Code A		\$415,200
Importance Code B	\$79,700	\$302,800
Total	\$79,700	\$718,100

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$900	_	_	
Interior Architecture	\$300		\$3,700	\$1,100
Electrical	\$30,000	\$800	\$700	\$800
Mechanical	\$800	\$2,400	\$5,500	\$2,400
Total	\$31,900	\$3,200	\$9,900	\$4,300
Importance Code A	\$900	\$700		\$700
Importance Code B	\$31,100	\$2,500	\$9,900	\$3,100
Importance Code C				\$600
Total	\$31,900	\$3,200	\$9,900	\$4,300



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

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

QUEENS PUBLIC LIBRARY - 039 SAINT ALBANS BRANCH LIBRARY

Asset #: 13312

Architecture		Current Re	epair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	\$10,700	
Masonry: Limestone	5%			LIFE	* *	5	\$500	
Metal Panel	5%			2044	* *	5-10	\$4,600	
Window Wall	10%			2044	* *	5	\$5,000	
Windows								
Aluminum	100%			2040	* *	5	\$1,700	
Roof								
Modified Bitumen	100%			2024	\$293,900	10	\$20,900	
nterior								
Floors								
Carpet	70%			2025	\$97,800	3	\$11,100	
Cast in Place Concrete	5%			LIFE	* *	5	\$1,200	
Ceramic Tile	5%			2033	* *	5	\$500	
Vinyl Tile	20%			2032	* *	3	\$1,100	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$1,100	
Concrete Masonry Unit	75%			LIFE	* *	5	\$6,700	
Gypsum Board	20%			LIFE	* *	5	\$2,700	
Ceilings								
AcousTileConcealSpLn	90%	2-4	\$79,700	2044	* *	5	\$5,900	
	Broken/M	issing Eleme	nts, Extent : Seve	re, Area	Affected : 25%			
	Location	: Communii	ty Room, Area Ne	ar Main	Entrance			
	Worn/Ero	ded, Extent :	Moderate, Area	Affected	: 50%			
	Location	: Throughou	ut					
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	\$700	

ectrical	Current Repair	urrent Repair Future Replacemen		Maintenance			
stem Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority	
der 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2050	* *	5			
	Other Observation, Extent: Moderate	, Area Affected	: 100%				
	Location : Electrical Room						
	Explanation : Main Service Switch	Rated At 400 An	ıperes				
Switchgear / Switchboard							
Molded Case Bkrs	100%	2050	* *	5	\$200		
Raceway							
Conduit	100%	2050	* *	1			
Panelboards							
Fused Disc Sw	10%	2046	* *	5			
Molded Case Bkrs	90%	2046	* *	5	\$200		
Wiring							
Thermoplastic	100%	2050	* *	1			

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

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

QUEENS PUBLIC LIBRARY - 039 SAINT ALBANS BRANCH LIBRARY

Asset #: 13312

Electrical	Current Repair	Future R	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Jnder 600 Volts								
Motor Controllers								
Locally Mounted	100%	2041	* *	5				
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$100			
ighting								
Interior Lighting								
Fluorescent	90%	2024	\$65,900	10	\$5,800			
	T-12 Lamps And Fixtures, Ex		Affected: 100%	5				
	Location : Throughout The	Building						
Fluorescent	8%	2024	\$5,900	10	\$500			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Throughout The Building							
	Explanation: Compact Flu	orescent Lighting						
Incandescent	2%	2020	\$1,500	2				
Egress Lighting								
Exit, Service	50%	2024	\$500	1				
Exit, Battery	50%	2024	\$1,700	10	\$200			
Exterior Lighting								
HID	100%	2020	\$27,600	10				
Marm								
Security System								
Generic	100%	2032	* *	1	\$2,600			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Front Entrance And Inside							
	Explanation: CCTV Surve	illance Camera And Ini	trusion Alarm					
Fire/Smoke Detection								
Generic	100%	2032	* *	1-3	\$4,500			
	Other Observation, Extent : 1	Moderate, Area Affected	d: 100%					
	Location: Throughout The	Building						
	Explanation: Strobe Lights	, Horn, Manual Pull St	ation And Smol	ke Detect	tors			

Mechanical	Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating						
Energy Source						
Natural Gas	100%	2044	* *	1		
Conversion Equipment						
Radiant Heater	100%	2029	\$121,400	2	\$3,300	
	Other Observation, Extent : Light, Are	a Affected	l : 100%			
	Location: Basement Fan Room					
	Explanation: 4 Gas Fired Hot Water	Heaters	Mounted On Side (Of Air Ha	ındler	
Terminal Devices						
Air Handler	100%	2029	\$96,300	1	\$4,400	

Air Conditioning

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

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

QUEENS PUBLIC LIBRARY - 039 SAINT ALBANS BRANCH LIBRARY

Asset #: 13312

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Energy Source							
Electricity	100%		2040	* *	1		
Conversion Equipment							
Reciprocating	100%		2029	\$58,100	1	\$3,300	
Compr/Chiller							
	-	gerant, Extent : Light, Area A	ffected :	100%			
	Location	: Roof					
Terminal Devices							
Air Handler/Dir	100%		2029	\$76,600	1		
Expansion							
Heat Rejection							
Air Cooled Condenser	100%		2029	\$13,800	2	\$4,900	
Unit							
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,900	
Exhaust Fans							
Interior	50%		2029	\$12,200	2	\$100	
Roof	50%		2024	\$5,700	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2044	* *	1		
Water Heater							
Gas Fired	100%		2022	\$4,200	2	\$100	
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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : SEASIDE BRANCH LIBRARY
Address : 116-15 ROCKAWAY BEACH BLVD.

Borough : QUEENS Agency's Number : SE

Area Sq Ft : 7,260 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 03-May-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 16226 Lot : 1 BIN : 4304786

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$93,000
Interior Architecture		\$168,200
Electrical		\$149,400
Total		\$410,500
Importance Code A		\$93,000
Importance Code B		\$317,500
Total		\$410.500

Total \$410,500

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$18,800			
Interior Architecture	\$5,100	\$1,500		\$200
Electrical	\$500	\$600	\$4,500	\$400
Mechanical	\$22,000	\$1,700	\$11,800	\$1,800
Total	\$46,300	\$3,700	\$16,300	\$2,400
Importance Code A	\$19,100	\$400	\$400	\$400
Importance Code B	\$27,200	\$3,200	\$15,900	\$2,000
Importance Code C		\$100		
Total	\$46,300	\$3,700	\$16,300	\$2,400



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

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

Asset #: 13313

Architecture		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	50/			LIPP	* *	-	Φ4. 5 00	
Cast in Place Concrete	5%		nt : Light, Area A	LIFE		5	\$4,500	
		irjaces, Exier i : Panels Ov	_	ујестеа .	100%			
Cast in Place Concrete	5%			LIFE	* *	5	\$4,500	
	_	Discoloring, E n : Base Of E	Extent : Light, Ar xterior Wall	ea Affect	ed : 40%			
Concrete Masonry Unit	90%			LIFE	* *	5	\$10,000	
		r Miss/Erod, 1 : Throughoi	Extent : Light, A ıt	rea Affec	ted : 20%			
	Other Obs	servation, Ext	ent : Light, Area	Affected	! : 100%			
		-	Exposed Aggreg	ate Block	ks			
	Explana	tion : Special	CMU					
Windows	100%			2025	* *	-	\$200	
Aluminum Parapets	100%			2035		5	\$300	
Masonry: Brick	90%			LIFE	* *	5	\$2,200	
No Component	10%			LIII		3	\$2,200	
Roof	1070							
Roll Roofing	100%	2-4	\$18,600	2026	\$93,000	5	\$18,100	
C		Extent : Mode 1 : At Seams	rate, Area Affect	ed : 30%	·			
Interior	Bocarror	. The Security						
Floors								
Carpet	3%			2026	\$4,300	3	\$700	
Cast in Place Concrete	5%			LIFE	* *	5	\$1,200	
Ceramic Tile	2%			2036	* *	5	\$200	
Vinyl Tile	90%			2027	\$86,100	3	\$3,700	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	\$300	
Concrete Masonry Unit	95%			LIFE	* *	5	\$2,100	
Ceilings	000/			2025	ФО 2 ООО	-	Φ0.000	
AcousTileSusp.Lay-In	90%			2025	\$82,000 * *	5	\$9,800	
Exposed Struc: Steel	5%			LIFE	* *	5	\$700	
Gypsum Board Site Enclosure	5%			LIFE		5	\$700	
Fence/Gates								
Iron Picket	100%			2062	* *			
Site Pavements	-0070							
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			

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

Under 600 Volts

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

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

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

Asset #: 13313

System	Electrical	Current Repair	Futur	e Replacement	M	aintenance	
Service Equipment Not Accessible 100% Switchgear / Switchboard Molded Case Bkrs 100% 2037 ** 5 \$200	Component			Estimated Cost		Estimated Cost	Priority
Not Accessible 100% Switchgoar / Switc	Under 600 Volts						
Switchgear / Switchboard Molded Case Bkrs 100% 2037 ** 5 \$200							
Molded Case Bkrs 100% 2037 ** 5 \$200		100%					
Raceway Conduit 60% 2037 * * * 1							
Conduit		100%	2037	* *	5	\$200	
Conduit		600/		di di			
Panelboards Molded Case Bkrs 70% 2035 ** 5 \$100 Molded Case Bkrs 30% 2026 \$4,600 5 \$100 Molded Case Bkrs 30% 2026 \$4,600 5 \$100 Molded Case Bkrs 30% 2026 \$4,600 5 \$100 Molded Case Bkrs 30% 2027 ** 1 Motor Controllers							
Molded Case Bkrs 70% 2035 ** 5 \$100 Molded Case Bkrs 30% 2026 \$4,600 5 \$100 Molded Case Bkrs 30% 2026 \$4,600 5 \$100 Molded Case Bkrs 30% 2037 ** 1 Molded Case Bkrs 100% 2037 ** 1 Molded Case Bkrs 100% 2032 ** 5 Molded Case Bkrs 2025 \$3,100 5 Molded Case Bkrs 2026 Molded Case Bkrs 2027 \$71,500 10 \$6,300 Molded Case Bkrs 2022 \$3,800 2 Molded Case Bkrs 2023 Molded Case Bkrs 2026 Molded Case		40%	2027	\$13,000	l		
Molded Case Bkrs 30% 2026 \$4,600 5 \$100		700/	2025		_	Ф100	
Wiring Thermoplastic 100% 2037 ** 1					_		
Thermoplastic 100% 2037 ** 1		30%	2026	\$4,600	3	\$100	
Motor Controllers		1000/	2027	* *	1		
Locally Mounted 80% 2032 ** * 5		100%	2037		1		
Locally Mounted 20% 2025 \$3,100 5		900/	2022	* *	5		
Grounding Devices 100% LIFE * * * 5 \$100							
Contact 100% LIFE * * * 5 \$100		2070	2023	\$5,100	3		
Generic 100% LIFE ** * 5 \$100							
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	<u> </u>	100%	I IFF	* *	5	\$100	
	Generie			: 100%	3	Ψ100	
Lighting Fluorescent 95% 2027 \$71,500 10 \$6,300				, ,			
Lighting Fluorescent 95% 2027 \$71,500 10 \$6,300		Explanation: Connected T	To Main Water Pipe				
Interior Lighting 95% 2027 \$71,500 10 \$6,300	Lighting	T	T.				
Fluorescent 95% 2027 \$71,500 10 \$6,300							
Incandescent Explanation : Throughout Throughout S% 2022 \$3,800 2 Other Observation, Extent : Light, Area Affected : 100% Location : Throughout Explanation : Downlighting		95%	2027	\$71,500	10	\$6,300	
Incandescent 5% 2022 \$3,800 2		T-12 Lamps And Fixtures, E	Extent : Light, Area A	ffected : 100%			
		Location: Throughout					
	Incandescent	5%	2022	\$3,800	2		
Explanation : Downlighting Egress Lighting 2032 ** 1 Exit, Service 50% 2032 ** 10 Exit, Battery 50% 2032 ** 10 Exterior Lighting 4 4 HID 100% 2027 \$28,400 10 Alarm Fire/Smoke Detection		Other Observation, Extent:	Light, Area Affected	·			
Egress Lighting		Location: Throughout	-				
Exit, Service 50% 2032 ** 1 Exit, Battery 50% 2032 ** 10 \$200 Exterior Lighting HID 100% 2027 \$28,400 10 Alarm Fire/Smoke Detection		Explanation: Downlighting	ıg				
Exit, Service 50% 2032 ** 1 Exit, Battery 50% 2032 ** 10 \$200 Exterior Lighting HID 100% 2027 \$28,400 10 Alarm Fire/Smoke Detection	Egress Lighting						
Exterior Lighting HID 100% 2027 \$28,400 10 Alarm Fire/Smoke Detection		50%		* *	1		
HID 100% 2027 \$28,400 10 Alarm Fire/Smoke Detection		50%	2032	* *	10	\$200	
Alarm Fire/Smoke Detection							
Fire/Smoke Detection	HID	100%	2027	\$28,400	10		
Generic, Analog 100% 2027 \$77,900 1-3 \$4,500							
	Generic, Analog	100%	2027	\$77,900	1-3	\$4,500	

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Energy Source Natural Gas	100%	2047 **	1	

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

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

Asset #: 13313

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment Hot Water Boiler	100%			2040	* *	1	\$3,600	
Distribution Hot Wtr Piping/Pump	100%			2043	* *	4	\$400	
Terminal Devices							·	
Air Handler		4+ ent, Extent : Mechani	\$19,800 : Moderate, Area A ical Room	2032 Affected :	* *	1	\$4,000	
Air Conditioning								
Energy Source Electricity	100%			2043	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	100%			2032	* *	1	\$3,400	
Distribution Ductwork/Diffusers	100%			LIFE	* *	2	\$9,400	
Terminal Devices Air Handler/Cool/Ht		ent, Extent : Mechani	: Moderate, Area	2032 Affected :	**	1	\$4,500	
Head Delegation	Location	: Mecnani	сан коот					
Heat Rejection Dry Cooler	100%			2032	* *	2	\$5,100	
Ventilation Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,000	
Exhaust Fans Roof	100%			2027	\$11,700	2	\$200	
Plumbing H/C Water Piping	10070			2021	\$11,700		\$200	
Galvanized Steel	100%			2040	* *	1		
Water Heater Electric	100%			2022	\$6,200	4		
	Other Obs Location	ervation, E : Mechani ion : 1-30			•			
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Backflow Preventer	10070							
No Component	95%							
Generic	Location	: Mechani		2032 Affected	* *	1		
E:	Explanat	ion : Boile	er .					
Fixtures Generic	100%							

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

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

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QUEENS PUBLIC LIBRARY - 039 SEASIDE BRANCH LIBRARY

Asset #: 13313

Mechanical	Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Sprinkler						
No Component	95%					
Generic	5%	2047	* *	1-2	\$100	
	Other Observation, Extent : Light, Area	a Affected	l : 10%			
	Location: 1st Floor					
	Explanation: Over Book Return					

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

Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : SOUTH HOLLIS BRANCH LIBRARY

Address : 204-01 HOLLIS AVE.

Borough : QUEENS Agency's Number : SH

Area Sq Ft : 6,330 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 05-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 10907 Lot : 30 BIN : 4442263

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$37,800	
Interior Architecture		\$70,900
Electrical		\$113,800
Mechanical		\$155,000
Total	\$37,800	\$339,700
Importance Code A	\$37,800	
Importance Code B		\$339,700
Total	\$37,800	\$339,700

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$31,200		\$1,200	
Interior Architecture		\$1,600		
Electrical	\$3,600	\$700	\$5,300	\$600
Mechanical	\$6,600	\$1,700	\$5,000	\$1,900
Total	\$41,400	\$4,000	\$11,500	\$2,500
Importance Code A	\$37,300	\$300	\$1,600	\$300
Importance Code B	\$4,100	\$3,300	\$9,900	\$2,200
Importance Code C		\$300		
Total	\$41,400	\$4,000	\$11,500	\$2,500



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

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

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QUEENS PUBLIC LIBRARY - 039 SOUTH HOLLIS BRANCH LIBRARY

Asset #: 13314

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick		Now	\$37,800	LIFE	* *	5	\$12,100	
		_	xtent : Moderate, A		cted : 75%			
		: Steel Wi	ndow Lintels Throu	ghout				
Window Wall	5%			2047	* *	5	\$2,400	
Windows								
Aluminum		Now	\$31,200	2052	* *	5	\$400	
			Extent : Light, Area	Affected	: 100%			
		: Through						
	Explanat	ion : Theri	nally Inefficient					
Roof								
Modified Bitumen	100%			2035	* *	10	\$18,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$2,100	
Ceramic Tile	5%			2036	* *	5	\$500	
Vinyl Tile	85%			2027	\$70,900	3	\$3,000	
Interior Walls	- 0./				di di	_		
Ceramic Tile	5%			2036	* *	5	\$700	
Concrete Masonry Unit	80%			LIFE	* *	5	\$4,300	
Glass: Single Pane	5%			LIFE	* *	5	\$500	
Masonry: Brick	10%			LIFE	* *			
Ceilings	0.007			2041	a. a.	_	40.5 00	
AcousTileSusp.Lay-In	90%			2044	**	5	\$8,500	
	•	place Evide Through :	ent, Extent : Light, . out	Area Aff	ected : 100%			
Exposed Struc: Steel	10%			LIFE	* *			

Electrical	Current Repa	ir Future	Replacement	M	aintenance				
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Inder 600 Volts									
Service Equipment									
Molded Case Bkrs	100%	2037	* *	5	\$200				
	Other Observation, Extens	er Observation, Extent : Light, Area Affected : 100%							
	Location: Electrical Ro	om							
	Explanation: Main Disc	onnect Switch Rated A	t 800af/ 400at						
Switchgear / Switchboard									
Molded Case Bkrs	100%	2037	* *	5	\$200				
Raceway									
Conduit	100%	2037	* *	1					
Panelboards									
Molded Case Bkrs	70%	2035	* *	5	\$100				
Molded Case Bkrs	30%	2026	\$4,600	5	\$100				
Wiring									
Thermoplastic	100%	2037	* *	1					

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

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

QUEENS PUBLIC LIBRARY - 039 SOUTH HOLLIS BRANCH LIBRARY

Asset #: 13314

Electrical	Current Repa	air Futu	re Replacement	M	laintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2032	* *	5		
Ground						
Grounding Devices						
Generic	100% 2-4	\$3,000 LIFE	* *	5	\$100	
	Other Observation, Exten	t : Moderate, Area Aff	ected : 100%			
	Location : Water Main					
	Explanation : Ground V Clamp.	Vire Outer Jacket Is Co	orroded As Well As	Connect	ion To Ground	
Lighting						
Interior Lighting						
Fluorescent	29%	2032	* *	10	\$1,700	
	Compact Fluorescent Lig Location : First Floor	ht, Extent : Light, Ared	a Affected : 100%			
Fluorescent	70%	2027	\$45,900	10	\$4,100	
11001000000	T-12 Lamps And Fixtures			10	Ψ.,100	
	Location : First Floor	, 0,	33			
Incandescent	1%	2022	\$700	2		
Egress Lighting						
Exit, Service	50%	2022	\$500	1		
Exit, Battery	50%	2022	\$1,500	10	\$200	
Alarm						
Security System						
Generic	100%	2032	* *	1	\$2,400	
Fire/Smoke Detection						
Generic, Analog	100%	2027	\$67,900	1-3	\$3,900	

Mechanical		Current Repa	ir	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating								
Energy Source								
Natural Gas	100%			2047	* *	1		
Conversion Equipment								
Hot Water Boiler	75%			2040	* *	1	\$2,400	
Hot Water Boiler	25%	Now	\$5,900	2044	* *	1	\$700	
	•	Progress, Exte : Basement	nt : Light, Are	a Affecte	d : 100%			
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	\$300	
1 0 1	Not Insula	ted, Extent : Li	ght, Area Affed	ted : 30%	%			
	Location	: Basement						
Terminal Devices								
Air Handler	100%			2027	\$86,300	1	\$3,900	

Air Conditioning

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

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

QUEENS PUBLIC LIBRARY - 039 SOUTH HOLLIS BRANCH LIBRARY

Asset #: 13314

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2043	* *	1		
Terminal Devices						
Air Handler/Dir	100%	2027	\$68,700	1		
Expansion						
Heat Rejection	1000/	2027	Ø12 400	2	Ø4.400	
Air Cooled Condenser	100%	2027	\$12,400	2	\$4,400	
Unit Ventilation						
Distribution						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$3,500	
Exhaust Fans	10070	LIFE		2-3	\$3,300	
Roof	100%	2027	\$10,200	2	\$200	
Plumbing	10070	2021	Ψ10,200		Ψ200	
H/C Water Piping						
Brass/Copper	100%	2047	* *	1		
Water Heater						
Gas Fired	100%	2022	\$3,700	2	\$100	
	Other Observation, Extent : Light,	, Area Affected .				
	Location : Basement					
	Explanation: 30 Gallons					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2027	\$900	4	\$100	
Backflow Preventer						
Generic	100%	2032	* *	1	\$400	
Fixtures						
Generic	100%					

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : SOUTH JAMAICA BRANCH LIBRARY
Address : 108-41 GUY R. BREWER BLVD. JAMAICA

Borough : QUEENS Agency's Number : SJ
Program / Asset # : QPL0S65.000 / 13394 Yr Built/Renovated : 1999 /

Area Sq Ft : 14,518 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 15-Apr-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 10171 Lot : 8 BIN : 4000000

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$81,000
Total		\$81,000
Importance Code A		\$81,000
Total		\$81,000

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture			\$4,400	\$2,300
Interior Architecture	\$12,000	\$6,800		\$3,300
Electrical	\$400	\$300	\$10,800	\$500
Mechanical	\$1,100	\$900	\$3,200	\$1,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$17,400	\$12,000	\$22,300	\$11,200
Importance Code A	\$700	\$700	\$5,100	\$3,000
Importance Code B	\$16,700	\$10,900	\$17,200	\$8,200
Importance Code C		\$300		
Total	\$17,400	\$12,000	\$22,300	\$11,200



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

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

QUEENS PUBLIC LIBRARY - 039 SOUTH JAMAICA BRANCH LIBRARY

Asset #: 13394

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Masonry: Brick	70%		LIFE	* *	5	\$10,900	
Pre-Cast Concrete	15%		LIFE	* *	5	\$7,600	
Window Wall	15%		2047	* *	5	\$8,800	
Windows							
Aluminum	95%		2043	* *	5	\$4,500	
Metal Louvers	5%		2036	* *	10	\$1,500	
Parapets							
Masonry: Brick	50%		LIFE	* *	5	\$400	
Pre-Cast Concrete	50%		LIFE	* *	5	\$2,600	
Roof							
Sloped Glazing	30%		LIFE	* *	5	\$81,000	
Not Accessible	70%						
Interior							
Floors							
Carpet	30%		2026	\$86,200	3	\$13,000	
Cast in Place Concrete	10%		LIFE	* *	5	\$4,800	
Ceramic Tile	60%		2036	* *	5	\$13,000	
Interior Walls							
Ceramic Tile	5%		2036	* *	5	\$600	
Concrete Masonry Unit	80%		LIFE	* *	5	\$3,800	
Gypsum Board	10%		LIFE	* *	5	\$700	
Masonry: Brick	5%		LIFE	* *			
Ceilings							
AcousTileSusp.Lay-In	80%		2040	* *	5	\$17,400	
Exposed Struc: Steel	5%		LIFE	* *			
Gypsum Board	15%		LIFE	* *	5	\$4,100	

ectrical	Current Repair	Future Repla	acement	M	aintenance	
stem Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2047	* *	5	\$100	
	Other Observation, Extent: Mode	rate, Area Affected : I	100%			
	Location: Electrical Room					
	Explanation: One 1200 Amperes	s Main Disconnect Sw	itch			
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		

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

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

QUEENS PUBLIC LIBRARY - 039 SOUTH JAMAICA BRANCH LIBRARY

Asset #: 13394

Electrical	Current Repair	Future Repl	Future Replacement		aintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Motor Controllers							
Locally Mounted	100%	2040	* *	5	\$100		
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$200		
Lighting							
Interior Lighting							
Fluorescent	55%	2032	* *	10	\$7,300		
	Other Observation, Extent: Light, A Location: Throughout The Buildi Explanation: T-8 Lamps		%				
Fluorescent	10%	2032	* *	10	\$1,300		
	Compact Fluorescent Light, Extent	: Moderate, Area A	ffected : 100	0%			
	Location : Throughout The Buildi	ing	-				
LED	35%	2037	* *				
Egress Lighting							
Emergency, Battery	50%	2032	* *	10	\$1,800		
Exit, LED	50%	2055	* *	1			
Exterior Lighting							
HID	100%	2032	* *	10			
Alarm							
Security System							
No Component	80%						
Generic	20%	2032	* *	1	\$1,100		
Fire/Smoke Detection							
No Component	80%						
Generic, Digital	20%	2032	* *	1-3	\$1,800		

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2053	* *	1		
Conversion Equipment							
Furnace	100%		2035	* *	1	\$7,200	
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$8,100	
Air Conditioning							
Energy Source							
Electricity	100%		2049	* *	1		
Conversion Equipment							
Exterior Pkg Unit -	100%		2032	* *	2	\$900	
Cooling							

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

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

QUEENS PUBLIC LIBRARY - 039 SOUTH JAMAICA BRANCH LIBRARY

Asset #: 13394

Mechanical	Current Repa	air Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Terminal Devices Air Handler/Dir Expansion	100%	2035	* *	1		
Ventilation						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$8,100	
Exhaust Fans Roof	100%	2035	* *	2	\$400	
Plumbing						
H/C Water Piping Brass/Copper	100%	2053	* *	1		
Water Heater Gas Fired	100%	2025	\$8,600	2	\$200	
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Sump Pump(s) Non-Submersible	100%	2032	* *	4	\$500	
Sewage Ejector(s) Electric	100%	2035	* *	4	\$600	
Backflow Preventer	10070	2033			φοσο	
No Component Generic	40% 60%	2035 nt : Light, Area Affected : 60	**	1	\$500	
	Location : Fire Main A Explanation : Partial		70			
Fixtures Generic	100%					
Vertical Transport Elevators						
Hydraulic	100% Other Observation, Exter Location : Basement To Explanation : One Unit		* *			
Fire Suppression						
Sprinkler No Component	95%	2047	* *	1.2	#200	
Generic	5%	2047	ጉ ጥ	1-2	\$200	

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : SOUTH OZONE PARK BRANCH LIBRARY

Address : 128-16 ROCKAWAY BLVD.

Borough : QUEENS Agency's Number : SZ

Area Sq Ft : 7,420 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 31-Mar-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 16948 Lot : 8 BIN : 4254814

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Electrical	\$75,400	
Mechanical		\$70,800
Total	\$75,400	\$70,800
Importance Code B	\$75,400	\$70,800
Total	\$75,400	\$70,800

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$67,600		\$1,300	
Interior Architecture	\$108,000	\$500		\$4,200
Electrical	\$400	\$400	\$24,700	\$400
Mechanical	\$3,000	\$1,100	\$26,900	\$1,300
Total	\$179,100	\$2,000	\$52,900	\$5,900
Importance Code A	\$68,000	\$400	\$1,800	\$400
Importance Code B	\$111,100	\$1,400	\$51,100	\$5,500
Importance Code C		\$200		
Total	\$179,100	\$2,000	\$52,900	\$5,900



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

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

Asset #: 13315

rchitecture	Current Repair Future Replacement			N	Maintenance		
rstem Component Type	% of Fail Date Es Total (Years)	timated Cost Ye	ar Estimated Cos Y	Cycle (Yrs)	Estimated Cost	Priorit	
terior							
Exterior Walls							
Masonry: Brick	85% Now	\$32,600 LII		* 5	\$10,400		
	Broken/Missing Elements						
	Location: Northwest A						
	Loose/Delam Surface, Ex Location : Northwest A						
	Other Observation, Exter						
	Location : Northwest A	-					
	Explanation : Safety Ne			Is Delamii	nating		
Metal Coiling Doors	10%	204			\$3,800		
Window Wall	5%	203			\$2,300		
	Other Observation, Exter			-	+ -,		
	Location: Throughout						
	Explanation : Thermall	y Inefficient					
Windows							
Aluminum	75%	203		* 5	\$700		
	Other Observation, Exter	it : Light, Area Affeo	cted : 100%				
	Location: Throughout	In officiant					
Glass Block	Explanation: Thermall 25% 2-4	\$2,500 LII	7D *:	* 5	\$200		
Glass Block	Jnt Mortar Miss/Erod, E			. 3	\$200		
	Location : At Clerestor		ca rijjecica . 5070				
	Other Observation, Exter		cted : 30%				
	Location : At Clerestor						
	Explanation : Perimete	r Caulking Recently	Replaced.				
Parapets							
Masonry: Brick	90%	LII		3	\$1,400		
Metal Panel	5%	204		3	\$300		
Slate	5% 0-2	\$200 LII		* 5	\$100		
	Jnt Mortar Miss/Erod, Ex Location : Throughout	xtent : Light, Area A	ffectea : 100%				
Roof	Location . Throughout						
Modified Bitumen	100% Now	\$30,000 203	32 *:	k			
Wiodiffed Bitainen	Blisters, Extent : Modera	·					
	Location : North Sectio						
	Ponding, Extent : Light, A	Area Affected : 10%					
	Location: Roof Located	d On North Side Of	Clerestory				
	Water Penetration, Exten						
	Location: Over Commi	-	=	d Work A	reas		
	Other Observation, Exter		cted : 2%				
	Location : East Side Of	-	0 0 0:: 00=				
	Explanation : Metal Ca	p Flashing Missing	On One Side Of Cle	restory			

Interior

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

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

Asset #: 13315

Architecture	Current R	epair	Future Replacement		M	aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nterior								
Floors								
Carpet	70% Now Punct/Tear/Impact Da Location : Main Rea	-	2029 ght, Ared	\$102,800 a Affected : 10%	3	\$11,700		
	Staining/Discoloring,		, Area A	ffected : 40%				
	Location : Througho							
	Worn/Eroded, Extent : Location : Througho		Affected	: 100%				
Ceramic Tile	5%		2036	* *	5	\$600		
Vinyl Tile	25%		2032	* *	3	\$1,400		
Interior Walls								
Ceramic Tile	5%		2036	* *	5	\$400		
Concrete Masonry Unit	85%		LIFE	* *	5	\$2,800		
Plaster	10%		LIFE	* *	5	\$200		
	Water Penetration, Ex Location : Clerestory		Affected	: 1%				
Ceilings								
AcousTileSusp.Lay-In	85%		2040	* *	5	\$9,800		
	Staining/Discoloring, Location: Througho		, Area A	ffected : 100%				
	Water Penetration, Ex Location: Communi				: Areas			
Exposed Struc: Steel	5%		LIFE	* *				
Plaster	10%		LIFE	* *	5	\$700		

ectrical	Current Repair Future Replacement Maintenance		Current Repair Future Rep		Future Replacement		ir Future Replacement Maintenance		Current Repair Future Replacement Mai		aintenance	
stem Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit						
der 600 Volts												
Service Equipment												
Molded Case Bkrs	100%	2027	\$1,500	5	\$200							
	Other Observation, Extent: Light, A.	rea Affected	: 100%									
	Location: Electrical Room											
	Explanation: 400a, 208/120v											
Switchgear / Switchboard												
Molded Case Bkrs	100%	2027	\$33,500	5	\$200							
Raceway												
Conduit	100%	2037	* *	1								
Panelboards												
Fused Disc Sw	30%	2035	* *	5	\$100							
Molded Case Bkrs	50%	2026	\$7,700	5	\$100							
Molded Case Bkrs	20%	2035	* *	5								
Wiring												
Thermoplastic	100%	2037	* *	1								
Motor Controllers												
Locally Mounted	100%	2025	\$15,600	5	\$100							

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

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

Asset #: 13315

Electrical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Extent:	Moderate, Area Affec	cted : 100%			
	Location: First Floor					
	Explanation: No Ground	Wire Jumping Water I	Meter			
Lighting						
Interior Lighting						
Fluorescent	98%	2022	\$75,400	10	\$6,700	
	Other Observation, Extent:	Light, Area Affected .	: 100%			
	Location: Throughout The	Building				
	Explanation: T12 Lamps					
Incandescent	2%	2022	\$1,500	2		
Egress Lighting						
Emergency, Battery	50%	2027	\$5,200	10	\$900	
Emergency, Battery	50%	2027	\$5,200	10	\$900	
Exterior Lighting						
HID	10%	2032	* *	10		
LED	40%	2027	\$13,300			
No Component	50%					
Alarm						
Security System						
Generic	100%	2035	* *	1	\$2,800	
Fire/Smoke Detection						
No Component	80%					
Generic, Analog	20%	2022	\$15,900	1-3	\$900	

Mechanical	Current Repair	Future Re	eplacement	М	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Electricity	2%	2047	* *	1		
	Other Observation, Extent : Light, A	Area Affected : 10	0%			
	Location: Book Drop					
	Explanation : Unit Heater					
Natural Gas	98%	2047	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2032	* *	1	\$3,700	
Distribution						
Hot Wtr Piping/Pump	100%	2035	* *	4	\$400	
Terminal Devices						
Air Handler	70%	2027	\$70,800	1	\$3,200	
Convector/Radiator	30%	2032	* *	1	\$700	
Air Conditioning						
Energy Source						
Electricity	100%	2043	* *	1		

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

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

Asset #: 13315

\$100 \$3,200 \$3,600	Priority
\$3,200 \$3,600	
\$3,200 \$3,600	
\$3,200 \$3,600	
\$3,600	
\$3,600	
\$3,600	
\$3,600	
\$4,100	
\$200	
# 100	
\$100	
	•

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

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

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

Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : STEINWAY BRANCH LIBRARY

Address : 21-45 31ST ST.

Borough : QUEENS Agency's Number : S

Area Sq Ft : 10,752 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 07-Jun-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 831 Lot : 15 BIN : 4016923

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$171,100
Electrical	\$42,100	\$111,500
Mechanical		\$188,700
Total	\$42,100	\$471,200
Importance Code A		\$171,100
Importance Code B	\$42,100	\$300,200
Total	\$42,100	\$471,200

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$2,100			
Interior Architecture		\$5,200	\$900	
Electrical	\$19,400	\$900	\$800	\$10,600
Mechanical	\$2,100	\$1,100	\$2,400	\$1,100
Total	\$23,500	\$7,200	\$4,200	\$11,700
Importance Code A	\$2,600	\$500	\$500	\$700
Importance Code B	\$20,900	\$6,700	\$3,000	\$11,100
Importance Code C		·	\$600	•
Total	\$23,500	\$7,200	\$4,200	\$11,700



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

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

Asset #: 13316

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$19,100	
Masonry: Limestone	15%			LIFE	* *	5	\$2,500	
Windows								
Aluminum	100%			2044	* *	5	\$5,100	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	\$1,800	
Masonry: Limestone		Now	\$2,100	LIFE	* *	5	\$100	
		r Miss/Eroo ı : Coping	d, Extent : Moderat	e, Area 1	Affected : 50%			
			d, Extent : Modera	te, Area	Affected : 50%			
	_	: Coping	.,	,	33			
Roof		1 3						
Modified Bitumen	100%			2028	\$171,100	10	\$12,200	
Soffits					+		¥ , - v v	
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Carpet	60%			2027	\$127,600	3	\$14,500	
Cast in Place Concrete	5%			LIFE	* *	5	\$1,800	
Ceramic Tile	3%			2037	* *	5	\$500	
Terrazzo	10%			LIFE	* *	5	\$1,300	
Vinyl Tile	20%			2033	* *	3	\$1,200	
Vinyl Tile 9" X 9"	2%			2028	\$3,700	3	\$100	
Interior Walls								
Ceramic Tile	3%			2037	* *	5	\$1,200	
Concrete Masonry Unit	5%			LIFE	* *	5	\$800	
Masonry: Brick	7%			LIFE	* *			
Plaster	85%			LIFE	* *	5	\$10,500	
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	\$300	
Plaster	90%			LIFE	* *	5	\$9,100	
Site Enclosure								
Fence/Gates	3007			2040	* *			
Aluminum Picket	30%			2048	* *			
Chain Link	70%			2038	* *			
Free Standing Walls	1000/			2040	* *			
Masonry: Brick	100%			2048	7- 7-			
Retaining Walls Cast in Place Concrete	100%			2063	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2041	* *			
On-Site Walkways								
	100%			2033	* *			

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

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

Asset #: 13316

Electrical	Current Repair	Future F	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment				_		
Fused Disc Sw	10%	2028	\$200	5		
	Other Observation, Extent : Moderate	e, Area Affecte	ed: 100%			
	Location: Electrical Room	ain Diaconnoc	Switch For For			
14 11 1 G B1	Explanation: One 200 Amperes Mo				#200	
Molded Case Bkrs	90%	2028	\$1,400	5	\$300	
	Other Observation, Extent : Moderat Location : Electrical Room	е, Агеа Ајјесте	ea: 100%			
	Explanation: One 400 Amperes Ma	gin Disconnact	Switch			
Switchgear / Switchboard	Explanation . One 400 Amperes int	un Disconneci	Swiich			
Molded Case Bkrs	100%	2028	\$33,500	5	\$300	
Raceway	10070	2020	ψ33,300		\$300	
Conduit	90%	2028	\$29,200	1		
Conduit	10%	2038	**	1		
Panelboards						
Fused Disc Sw	5%	2027	\$800	5		
Molded Case Bkrs	85%	2027	\$13,200	5	\$200	
Molded Case Bkrs	10%	2044	* *	5		
Wiring						
Braided Cloth	65% 2-4 \$18,700	2053	* *	1		
	Insulation Aged, Extent: Severe, Are		00%			
	Location: Throughout The Building					
Thermoplastic	30%	2028	\$8,600	1		
Thermoplastic	5%	2048	* *	1		
Motor Controllers	000/	2041	* *	-	#100	
Locally Mounted	80%	2041		5	\$100	
Locally Mounted	20%	2026	\$6,300	5		
Ground Grounding Devices						
Grounding Devices Generic	100%	LIFE	* *	5	\$200	
Lighting	10070	LIIL			\$200	
Interior Lighting						
Fluorescent	95%	2028	\$105,900	10	\$9,400	
	T-8 Lamps And Fixtures, Extent : Mo				41, 11	
	Location : Throughout The Building	g				
	Other Observation, Extent : Moderat	e, Area Affecte	ed : 100%			
	Location : Throughout The Building	g				
	Explanation: Ballast & Bulb Is New	w But The Fixt	ures Are Old			
Fluorescent	5%	2028	\$5,600	10	\$500	
	Other Observation, Extent : Moderat	e, Area Affecte	ed : 100%			
	Location: Staircase Landings					
	Explanation: Compact Fluorescent	t Light Fixture	S			
Egress Lighting						
Emergency, Battery	50%	2023	\$7,500	10	\$1,300	
Exit, Service	50%	2023	\$800	1		
Exterior Lighting	1000/	2022		10		
HID	100%	2023	\$42,100	10		

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

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

Asset #: 13316

Electrical	Current Repair	Future Replace	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimate FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm						
Security System						
No Component	30%					
Generic	70%	2033	* *	1	\$2,800	
	Other Observation, Extent: Moderate,	Area Affected: 100	0%			
	Location: Throughout The Building					
	Explanation: CCTV Surveillance Ca	meras				
Fire/Smoke Detection						
No Component	30%					
Generic, Digital	70%	2033	* *	1-3	\$4,600	

Mechanical		Current Repair	Future Replacement		Future Replacement Maintenance		
System Component Type	% of Total	Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating							
Energy Source							
Natural Gas	100%		2048	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2041	* *	1	\$5,300	
		ervation, Extent : Light, Ar	ea Affectea	! : 100%			
		: Basement Boiler Room					
	Explanati	on : 1 Unit					
Distribution							
Hot Wtr Piping/Pump	100%		2044	* *	4	\$800	
Terminal Devices							
Air Handler	50%		2033	* *	1	\$3,300	
Convector/Radiator	50%		2033	* *	1	\$1,700	
Air Conditioning							
Energy Source							
Electricity	100%		2036	* *	1		
Conversion Equipment							
Ext Pkg Unit -	80%		2028	\$104,500	2	\$500	
Heating/Cooling							
		gerant, Extent : Light, Area	Affected:	80%			
	Location .	: Roof					
Split Unit	20%		2028	\$44,500			
Terminal Devices							
Fan Coil - 2 Pipe	20%		2028	\$39,700	1	\$700	
No Component	80%						
Heat Rejection							
Dry Cooler	20%		2028	\$11,300	2	\$1,500	
No Component	80%						
Ventilation Tentilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,000	
Exhaust Fans							
Roof	100%		2028	\$17,300	2	\$300	

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

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

Asset #: 13316

Mechanical	Current Repa	ir Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2038	* *	1		
Water Heater						
Gas Fired	100%	2028	\$6,400	2	\$200	
	Recent Installation, Exten	t : Light, Area Affected .	100%			
	Location: Basement					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s)						
Electric	100%	2028	\$3,000	4	\$600	
Fixtures						
Generic	100%					

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : SUNNYSIDE BRANCH LIBRARY

Address : 43-06 GREENPOINT AVE.

Borough : QUEENS Agency's Number : SU

Area Sq Ft : 7,992 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 25-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 173 Lot : 16 BIN : 4002111

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$56,700	\$283,700
Mechanical		\$195,200
Total	\$56,700	\$478,800
Importance Code A	\$56,700	\$283,700
Importance Code B		\$195,200
Total	\$56,700	\$478,800

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$4,300			
Interior Architecture	\$1,000		\$7,100	\$1,000
Electrical	\$900	\$900	\$9,000	\$900
Mechanical	\$1,100	\$1,100	\$1,500	\$5,800
Total	\$7,300	\$2,000	\$17,600	\$7,700
Importance Code A	\$4,700	\$400	\$400	\$400
Importance Code B	\$2,600	\$1,600	\$17,200	\$7,300
Importance Code C				
Total	\$7,300	\$2,000	\$17,600	\$7,700



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

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

Asset #: 13317

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	000/					_	#0.000	
Masonry: Brick	80%			LIFE	* *	5	\$8,800	
Window Wall	20%		T	2050	, ,	5	\$8,200	
	Recent Con. Location :		Extent : Light, Are cade	a Affecte	ed : 100%			
Windows								
Aluminum	100%			2040	* *	5	\$500	
Roof Modified Bitumen		tration, E.	\$56,700 xtent : Moderate, A out	2024 Area Affe	\$283,700 cted: 10%			
Skylight, Metal/Glass	10%			2044	* *	10	\$7,500	
nterior								
Floors								
Carpet	25%			2025	\$39,500	3	\$4,500	
Cast in Place Concrete	5%			LIFE	* *	5	\$1,300	
Ceramic Tile	3%			2037	* *	5	\$400	
Vinyl Tile	67%			2032	* *	3	\$4,000	
	Recent Repl Location :		nt, Extent : Light, . out	Area Aff	ected : 100%			
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	\$1,400	
Glass: Single Pane	5%			LIFE	* *	5	\$300	
Gypsum Board	45%			LIFE	* *	5	\$1,900	
	Recent Repl Location :		nt, Extent : Light, . out	Area Aff	ected : 100%			
Ceilings								
AcousTileSusp.Lay-In	90%			2037	* *	5	\$10,800	
	Staining/Dis Location :	_	Extent : Moderate out	, Area Ą	ffected : 15%			
		tration, E.	xtent : Moderate, A	rea Affe	cted : 10%			
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	\$700	

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts		•	•			
Service Equipment						
Molded Case Bkrs	100%	2024	\$1,500	5	\$200	
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location : Electrical Room					
	Explanation : Main Service Switch Ro	ited At 40	00 Amperes			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2024	\$33,500	5	\$200	

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

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

Asset #: 13317

Electrical	Current Repair	Future R	eplacement	М		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2050	* *	1		
Panelboards						
Molded Case Bkrs	100%	2046	* *	5	\$200	
Wiring						
Thermoplastic	100%	2050	* *	1		
Motor Controllers						
Locally Mounted	100%	2041	* *	5	\$100	
Ground						
Grounding Devices						
Not Accessible	100%					
Lighting						
Interior Lighting	000/	2022	* *	1.0	Ø 7 000	
Fluorescent	80%	2032		10	\$5,900	
	T-5 Lamps And Fixtures, Extent : M Location : Throughout	vioaerate, Area A <u>j</u>	јестеа : 100%			
Fluorescent	10%	2032	* *	10	\$700	
	Other Observation, Extent: Moder Location: Throughout	30				
	Explanation: Compact Fluoresco			1.0	4-00	
Fluorescent	10%	2032	**	10	\$700	
	T-8 Lamps And Fixtures, Extent : M Location : Bookcase Area	Moderate, Area A <u>f</u>	fected : 100%			
Egress Lighting						
Emergency, Battery	50%	2032	* *	10	\$1,000	
Exit, Service	50%	2032	* *	1		
Exterior Lighting HID	100%	2024	\$21.200	10		
Alarm	100%	2024	\$31,300	10		
Security System						
Generic	100%	2032	* *	1	\$3,000	
Generic			1 · 100%	1	\$5,000	
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building					
	Explanation: CCTV Surveillance	-				
Fire/Smoke Detection						
Generic	100%	2032	* *	1-3	\$5,100	
Concile	Other Observation, Extent : Moder		d: 100%		ψ3,100	
	Location: Throughout The Build					
	Explanation: Strobe Lights, Man		and Smoke Det	ector		

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

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

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

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

Asset #: 13317

Mechanical	Current Repair		Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Conversion Equipment							
Hot Water Boiler	100%		2041	**	1	\$4,000	
		servation, Extent : Light, Area	Affected	! : 100%			
		: Boiler Room					
D' 4 '1 4'	Explana	tion : 1 Unit					
Distribution	100%		2040	* *	4	\$600	
Hot Wtr Piping/Pump	100%		2040		4	\$600	
Terminal Devices Air Handler	90%		2029	\$98,100	1	\$4,500	
Convector/Radiator	10%		2029	\$98,100 * *		\$300	
	1070		2037		1	\$300	
Air Conditioning Energy Source							
Electricity	100%		2046	* *	1		
Conversion Equipment	10070		2040		1		
Ext Pkg Unit -	100%		2029	\$97,100	2	\$500	
Heating/Cooling	10070		202)	Ψ27,100	2	Ψ300	
Treating, Cooming	Other Obs	servation, Extent : Light, Area	Affected	! : 100%			
	Location	_	55				
		tion : R-410a Refrigerant					
Ventilation	-						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,500	
Exhaust Fans							
Interior	50%		2029	\$13,800	2	\$100	
Roof	50%		2029	\$6,400	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2050	* *	1		
Water Heater							
Gas Fired	100%		2023	\$4,700	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							_
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2029	\$1,200	4	\$300	
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: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : WHITESTONE BRANCH LIBRARY
Address : 151-10 14TH RD. @ CLINTONVILLE ST.

Borough : QUEENS Agency's Number : W
Program / Asset # : QPL0W61.000 / 13319 Yr Built/Renovated : 1971 /

Area Sq Ft : 7,365 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 07-Aug-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 4717 Lot : 25 BIN : 4107201

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$98,100
Interior Architecture	\$161,000	
Electrical	\$72,600	\$82,800
Mechanical	\$151,900	\$135,400
Total	\$385,500	\$316,400
Importance Code A		\$153,200
Importance Code B	\$385,500	\$163,200
Total	\$385,500	\$316,400

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$58,600			
Interior Architecture			\$300	\$1,400
Electrical	\$24,500	\$700	\$700	\$14,800
Mechanical	\$2,100	\$800	\$6,900	\$800
Total	\$85,200	\$1,500	\$7,800	\$17,100
Importance Code A	\$58,900	\$400	\$400	\$400
Importance Code B	\$26,300	\$1,100	\$7,500	\$16,700
Importance Code C				
Total	\$85,200	\$1,500	\$7,800	\$17,100



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

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

Asset #: 13319

Architecture	Current F	Repair	Future R	eplacement	М	aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior								
Exterior Walls								
Cast in Place Concrete	10% Now	\$11,900	LIFE	* *	5	\$3,400		
	Cracking/Crumbling, Location : South Fa	ıcade						
	Exposed Reinforceme Location : South Fa		, Area Affec	ted : 10%				
	Misaligned/Bulging, Location: South Fa		ea Affected	: 30%				
	Other Observation, E Location : South Fa		Area Affecte	d : 50%				
	Explanation : Temp	orary Support In I	Place					
Masonry: Brick	90%		LIFE	* *	5	\$6,100		
Windows Aluminum	100%		2040	* *	5	\$1,500		
Parapets	10070		2010			Ψ1,200		
Metal Security Bars	20%		2039	* *				
No Component	80%							
Roof								
Built-Up (BUR)	10% Now	\$33,600	2034	* *				
	Gravel/Slag Surface,	Extent : Light, Are	a Affected :	100%				
	Location : Flat Section Over Main Entry							
	Water Penetration, Extent: Moderate, Area Affected: 10%							
	Location: Over Ma	in Entry						
	Worn/Eroded, Extent Location : Over Ma		Affected : 25	5%				
Metal Panel	60%		2037	* *	10	\$26,300		
Roll Roofing	10%		2020	\$10,200	5	\$4,000		
Single Ply Membrane	20%		2029	\$98,100	10	\$4,800		
nterior								
Floors								
Cast in Place Concrete	10%		LIFE	* *	5	\$2,400		
Ceramic Tile	5%		2033	* *	5	\$600		
Vinyl Tile	85% Now	\$82,500	2034	* *	3	\$3,500		
	Split/Cracked, Extent Location : Through		Affected : 25	5%				
	Worn/Eroded, Extent		Affected : 30	0%				
	Location : Through		1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,				
	Other Observation, E		Area Affecte	d: 100%				
	Location : Through							
	Explanation: 9x9 T							
Interior Walls	· T · · · · · · · · · · · · · · · · · ·	•						
Concrete Masonry Unit	50%		LIFE	* *	5	\$1,700		
Glass: Single Pane	10%		LIFE	* *	5	\$600		
Glass. Siligic I alic								
Masonry: Brick	30%		LIFE	* *				

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

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

Asset #: 13319

Architecture		Current Rep	air	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	85%	Now	\$78,500	2044	* *	5	\$5,900	
	Staining/D	iscoloring, Ex	tent : Moderate	, Area A	ffected : 50%			
	Location	: Throughout						
	Worn/Eroc	led, Extent : M	loderate, Area I	Affected	: 50%			
	Location	: Throughout						
AcousTileSusp.Lay-In	5%			2037	* *	5	\$600	
Exposed Concrete	10%			LIFE	* *	5	\$200	

Electrical		Current Repair	Futui	re Replacement	M		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2024	\$1,500	5	\$200	
		ervation, Extent : Moderate, A	Area Affe	ected : 100%			
		: Electrical Room					
	Explanai	ion : No Nameplate Ratings A	lvailable	?			
Switchgear / Switchboard	4000/		• • • •		_	4.00	
Molded Case Bkrs	100%		2024	\$33,500	5	\$200	
Raceway	222/		• • • •				
Conduit	90%		2024	\$29,200	1		
Conduit	10%		2044	* *	1		
Panelboards	70 /		20.40	* *	-		
Fused Disc Sw	5%		2040		5	Φ200	
Molded Case Bkrs	90%		2023	\$13,900 * *	5	\$200	
Molded Case Bkrs	5%		2040	T T	5		
Wiring Braided Cloth	60%	2-4 \$17,200	2040	* *	1		
Braided Cloth		2-4 \$17,200 Aged, Extent : Moderate, Are	2049		1		
		Agea, Extent : Moaerate, Are : Throughout	а Ајјест	ea : 100%			
771 1 4°		. Inroughou	2024	* *	1		
Thermoplastic	30%		2034	**	1		
Thermoplastic	10%		2044	* *	1		
Ground							
Grounding Devices	100%		LIEE	* *	-	\$100	
Generic	100%		LIFE		5	\$100	
Lighting							
Interior Lighting Fluorescent	95%		2020	\$72,600	10	\$6,400	
Fluorescent		os And Fixtures, Extent : Mod				\$0,400	
	_	: Throughout The Building	cruic, 111	earyjeetea . 100%	,		
Fluorescent	5%	00	2024	\$3,800	10	\$300	
1 Idologodii		ervation, Extent : Moderate, A			10	4500	
		: Bookcase Section	33				
		ion : Compact Fluorescent Li	ohtino				

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

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

Asset #: 13319

Electrical	Current Repair	Future	Replacement	M	aintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Lighting							
Egress Lighting							
Emergency, Service	50%	2029	\$1,900	1			
Exit, Service	50%	2029	\$500	1			
Exterior Lighting							
HID	100%	2024	\$28,800	10			
Alarm							
Security System							
Generic	100%	2029	\$23,100	1	\$2,800		
	Other Observation, Extent	: Moderate, Area Affe	cted : 100%				
	Location : Throughout Th	ie Building					
	Explanation: Intrusion A	larm Only, Motion Ser	nsors				
Fire/Smoke Detection							
Generic	100%	2029	\$79,000	1-3	\$4,700		
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location: Throughout Th	ie Building					
	Explanation : Strobe Ligh	nts, Manual Pull Statio	n And Smoke Dete	ectors			

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2034	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2029	\$55,100	1	\$3,600	
	Other Observation, Extent : La	ight, Area Affected	: 100%			
	Location : Boiler Room					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2032	* *	4	\$500	
Terminal Devices						
Air Handler	80%	2024	\$80,400	1	\$3,600	
Convector/Radiator	20%	2029	\$7,600	1	\$500	
Air Conditioning						
Energy Source						
Electricity	100%	2032	* *	1		
Conversion Equipment						
Int Pkg Unit -	100%	2022	\$151,900	2	\$500	
Heating/Cooling						
	R-22 Refrigerant, Extent: Ligar	ht, Area Affected :	100%			
	Location : Mechanical Room	ı				
Heat Rejection						
Air Cooled Condenser	100%	2024	\$14,400	2	\$5,100	
Unit						
V4:1-4:						

Ventilation

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

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

Asset #: 13319

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,100	
Exhaust Fans							
Roof	100%		2024	\$11,900	2	\$200	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater							
Gas Fired	100%		2022	\$4,400	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : WINDSOR PARK BRANCH LIBRARY
Address : 79-50 BELL BLVD. @ UNION TURNPIKE

Borough : QUEENS Agency's Number : WP

Area Sq Ft : 6,300 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 09-Aug-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 7772 Lot : 1 BIN : 4164306

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$1,200		
Interior Architecture	\$300	\$5,300	\$3,300	\$300
Electrical	\$800	\$700	\$7,100	\$700
Mechanical	\$600	\$300	\$4,700	\$300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$5,600	\$11,400	\$19,100	\$5,300
Importance Code A	\$300	\$1,500	\$300	\$300
Importance Code B	\$5,300	\$9,900	\$18,700	\$4,900
Importance Code C				
Total	\$5,600	\$11,400	\$19,100	\$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.

QUEENS PUBLIC LIBRARY - 039 WINDSOR PARK BRANCH LIBRARY

Asset #: 13320

Architecture	Current Repair	Future R	Replacement	М	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Exterior Walls						
Masonry: Brick	70% Recent Repair Evident, Extent: Light, Location: Throughout	LIFE Area Affected	* * l : 25%	5	\$9,400	
Masonry: Fieldstone	20%	LIFE	* *	5	\$2,000	
Pre-Cast Concrete	3%	LIFE	* *	5	\$1,300	
Window Wall	7%	2044	* *	5	\$3,500	
Windows						
Aluminum	100% Recent Replace Evident, Extent : Light	2046 t, Area Affecte	* * ed : 100%	5	\$2,400	
	Location: Throughout					
Parapets Masonry: Brick	95%	LIFE	* *	5	\$800	
	Recent Repair Evident, Extent: Light, Location: Throughout	Area Affected	l : 20%			
Pre-Cast Concrete	5%	LIFE	* *	5	\$300	
Roof						
Modified Bitumen	98%	2034	* *	10	\$9,300	
Skylight, Metal/Glass	2%	2034	* *	10	\$600	
nterior						
Floors	(50/	2025	#01.000	2	ФО 2 00	
Carpet	65% Recent Installation, Extent: Light, Are Location: Throughout	2025 ea Affected : 1	\$81,000	3	\$9,200	
Cast in Place Concrete	5%	LIFE	* *	5	\$1,000	
Ceramic Tile	5%	2037	* *	5	\$500	
Vinyl Tile	25%	2032	* *	3	\$1,200	
	Recent Replace Evident, Extent : Light Location : Throughout	t, Area Affecte	ed : 100%			
Interior Walls						
Cast in Place Concrete	5%	LIFE	* *			
Concrete Masonry Unit	5%	LIFE	* *	5	\$300	
Gypsum Board	80%	LIFE	* *	5	\$6,900	
	Recent Replace Evident, Extent : Light Location : Throughout	t, Area Affecte	ed : 100%			
Plaster	10%	LIFE	* *	5	\$400	
Ceilings						
AcousTileConcealSpLn	90%	2041	* *	5	\$10,600	
-	Recent Replace Evident, Extent : Light Location : Throughout	t, Area Affecte	ed : 100%			
Plaster	10%	LIFE	* *	5	\$600	

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

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

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

QUEENS PUBLIC LIBRARY - 039 WINDSOR PARK BRANCH LIBRARY

Asset #: 13320

Electrical	Current Repair	Future Repl	acement	М	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2050	* *	5		
	Other Observation, Extent:		100%			
	Location : Electrical Room					
	Explanation : Main Service	e Switch Rated At 400 Amp	eres			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2050	* *	5	\$200	
Raceway						
Conduit	100%	2050	* *	1		
Panelboards						
Molded Case Bkrs	100%	2046	* *	5	\$200	
Wiring						
Thermoplastic	100%	2050	* *	1		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
ighting						
Interior Lighting						
Fluorescent	90%	2032	* *	10	\$5,200	
	T-5 Lamps And Fixtures, Ext		ted : 100%			
	Location : Throughout The					
Fluorescent	10%	2032	* *	10	\$600	
	T-8 Lamps And Fixtures, Ext	tent : Moderate, Area Affec	ted : 100%			
	Location: Mechanical Roc	om .				
Egress Lighting						
Emergency, Battery	50%	2032	* *	10	\$800	
Exit, Service	50%	2032	* *	1		
Exterior Lighting						
HID	100%	2032	* *	10		
Marm						
Security System						
Generic	100%	2032	* *	1	\$2,400	
	Other Observation, Extent:		100%			
	Location : Throughout The	-				
	Explanation: CCTV Surve	illance Cameras				
Fire/Smoke Detection						
Generic	100%	2032	* *	1-3	\$4,000	
	Other Observation, Extent:		100%			
	Location: Throughout The					
	Explanation: Strobe Light.	s, Manual Pull Station, Hor	ns And Smo	oke Detec	ctors	

Mechanical	Curr	ent Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Fail l Total (Yea	Date Estimated Cost ars)	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.

QUEENS PUBLIC LIBRARY - 039 WINDSOR PARK BRANCH LIBRARY

Asset #: 13320

Mechanical	Curre	nt Repair	Futur	e Replacement	M	Maintenance		
System Component Type	% of Fail Da Total (Year	ate Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source Natural Gas	100%		2034	* *	1			
Conversion Equipment								
Furnace	100%		2032	* *	1	\$3,100		
		ı, Extent : Light, Area	Affected	: 100%				
	Location: Roof							
A	Explanation: 1	Roof Top Package Un	it					
Air Conditioning								
Energy Source	100%		2040	* *	1			
Electricity	100%		2040		1			
Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%		2032	* *	2	\$400		
Treating/Cooling	R-22 Refrigerant, Location : 1 Uni	Extent : Light, Area A t On Roof	ffected :	100%				
Ventilation								
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,500		
Exhaust Fans								
Roof	100%		2032	* *	2	\$200		
Plumbing								
H/C Water Piping								
Brass/Copper	100%		2044	* *	1			
Water Heater								
Gas Fired	100%		2022	\$3,700	2	\$100		
Sanitary Piping								
Cast Iron	100%		LIFE	* *	1			
Storm Drain Piping								
Cast Iron	100%		LIFE	* *	1			
Sewage Ejector(s)								
Electric	100%		2032	* *	4	\$400		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators	1000/		LIEE	ملد براي				
Hydraulic		n, Extent : Light, Area nent To 1st Floor Unit	LIFE Affected	* * : 100%				

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : WOODHAVEN BRANCH LIBRARY

Address : 85-41 FOREST PKWY.

Borough : QUEENS Agency's Number : WN

Area Sq Ft : 8,864 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 05-May-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 8856 Lot : 85 BIN : 4181578

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$171,900
Interior Architecture		\$37,800
Electrical	\$80,900	\$56,700
Mechanical		\$305,400
Total	\$80,900	\$571,900
Importance Code A		\$171,900
Importance Code B	\$80,900	\$400,000
Total	\$80,900	\$571,900

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$33,400			
Interior Architecture	\$8,200	\$1,600	\$500	\$2,700
Electrical	\$7,800	\$800	\$17,500	\$600
Mechanical	\$20,700	\$2,600	\$4,900	\$2,600
Total	\$70,100	\$5,000	\$22,900	\$5,900
Importance Code A	\$34,300	\$900	\$1,000	\$900
Importance Code B	\$31,100	\$3,300	\$21,900	\$5,000
Importance Code C	\$4,700	\$800		
Total	\$70,100	\$5,000	\$22,900	\$5,900



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

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

Asset #: 13321

Architecture		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$17,400	
Masonry: Brick	90%			LIFE	* *	5	\$20,100	
Windows								
Aluminum	100%			2035	* *	5	\$2,300	
Parapets								
Cast Stone/Terra Cotta	Water Pen Location	: Upper Ro	\$9,500 ktent : Moderate, A pof ktent : Moderate, A			5	\$2,800	
		: Upper Ro		1700 71990	cica : 2070			
			ed With Temporai	v Waterr	proof Membrane			
Masonry: Brick		Now	\$19,400	LIFE	**	5	\$3,200	
Masoniy. Brick	Other Obs Location	ervation, E. : Between	319,400 xtent : Moderate, 1 Lower And Upper ed With Temporat	Area Affe Roof	cted : 15%	3	\$3,200	
Roof								
Modified Bitumen		4+ g, Extent : : Througho	\$3,400 Light, Area Affect out	2027 ed : 50%	\$171,900			
terior								
Floors								
Carpet	35%			2026	\$61,400	3	\$9,300	
Cast in Place Concrete	5%			LIFE	* *	5	\$1,500	
Ceramic Tile	5%			2036	* *	5	\$700	
Sheet Vinyl/Rubber	5%			2032	* *	5	\$1,000	
Vinyl Tile	25%			2032	* *	3	\$1,700	
Vinyl Tile 9" X 9"	25%			2027	\$37,800	3	\$1,200	
Interior Walls								
Ceramic Tile	5%			2036	* *	5	\$1,700	
Concrete Masonry Unit	5%			LIFE	* *	5	\$700	
Plaster	85%	4+	\$4,700	LIFE	* *	5	\$8,500	
	_	_	Extent : Light, Ard Iroom In Basemen		ed : 1%			
			xtent : Light, Area hroom In Basemen		: 10%			
Wood	5%			LIFE	* *	5	\$6,700	
Ceilings								
Gypsum Board	80%			LIFE	* *	5	\$13,300	
Plaster	20% Cracking/0	4+ Crumbling	\$700 Extent : Light, Arc	LIFE ea Affecte	* * ed : 1%	5	\$1,700	
	_		hroom In Basemen					
te Enclosure								
Fence/Gates								
Chain Link	40%			2047	* *			
					* *			
Iron Picket	60%			2062	* *			

Site Pavements

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

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

Asset #: 13321

Architecture	Currer	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
On-Site Walkways							
Cast in Place Concrete	100%		2040	* *			

lectrical	Current Repair	Future	Replacement	М	aintenance			
vstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
nder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%	2027	\$1,500	5	\$200			
	Other Observation, Extent : Light, Are		100%					
	Location: Basement Electrical Room							
	Explanation: Rating Is Not Available	e						
Raceway	0.50/	2027	Ф20 000					
Conduit	95%	2027	\$30,800	1				
Conduit	5%	2037	* *	1				
Panelboards	000/	2026	¢12.000	_	#200			
Molded Case Bkrs	90%	2026	\$13,900 * *	5	\$200			
Molded Case Bkrs	10%	2035		5				
Wiring Braided Cloth	25% 2-4 \$7,200	2052	* *	1				
Braided Cloth	Insulation Aged, Extent: Light, Area A			1				
	Location: Basement	ујестеа . 10	070					
		2025	* *					
Thermoplastic	75%	2037	* *	1				
Motor Controllers	1000/	2025	Φ1.5. COO	_	#100			
Locally Mounted	100%	2025	\$15,600	5	\$100			
ound								
Grounding Devices	100%	LIFE	* *	5	\$100			
Generic				5	\$100			
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Basement							
	Explanation : There Is No Ground W	ire Iumner	At The Water Me	tor				
ghting	Бършишон . There is 110 Отоини W	пе зипрег	in the state Me					
Interior Lighting								
Fluorescent	88%	2022	\$80,900	10	\$7,200			
1 Idolescent	Other Observation, Extent : Light, Are		·	10	Ψ1,200			
	Location: Throughout	33						
	Explanation: Using T-12 Lamps							
Fluorescent	10%	2027	\$9,200	10	\$800			
1 14010500111	Other Observation, Extent : Light, Are			10	ψοσο			
	Location: First Floor							
	Explanation: Using T-8 Lamps							
HID	2%	2027	\$1,300	10				
Egress Lighting			\$1,500					
			Φ.C. 2 00	10	\$1,100			
Emergency, Battery	50%	2022	\$6,200	10	31.100			

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.

Asset #: 13321

Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm							
Security System							
Generic	100%		2027	\$27,800	1	\$3,300	
Fire/Smoke Detection							
No Component	50%						
Generic, Digital	50%		2027	\$47,500	1-3	\$2,700	

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2047	* *	1		
Conversion Equipment								
Steam Boiler	100%			2032	* *	1	\$8,800	
Distribution								
Central Plant Steam Piping/Pmp	100%			2037	* *	4	\$700	
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Basemen	nt .					
	Explana	tion : Not I	nsulated					
Terminal Devices								
Convector/Radiator	100%			2032	* *	1	\$2,900	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Interior Pkg Unit -	95%	Now	\$15,300	2025	\$305,400	2	\$400	
Cooling					0.7			
	_		oderate, Area Affe	cted: 10	%			
		: Basemen		4 4 66	. 1 100/			
			Extent : Moderate, 1	Area Affe	ected : 10%			
		: Basemen						
~ 4		non : Comp	pressor Needs Repo					
Split Unit	5%			2032	* *			
Distribution	1000/				* *	_	411 5 00	
Ductwork/Diffusers	100%			LIFE	* *	2	\$11,500	
Heat Rejection	1000/			2025	015.0 00	2	Φ. (2 0 0	
Air Cooled Condenser	100%			2027	\$17,300	2	\$6,200	
Unit	0401.			A CC4 - ii	. 1000/			
			Extent : Light, Area	Ађестеа	: 100%			
	Location							
V4:1-4:	Expiana	uon : No P	ipe Insulation					
Ventilation Distribution								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,900	
Ductwork/Diffusers	100%			LIFE		۷-3	\$4,900	

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

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

Asset #: 13321

Mechanical	C	Current Repa	air	Future	Replacement	M	aintenance	
System Component Type	, , , ,	ail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%	Now	\$4,300	2037	* *	2	\$200	
	Broken, Exte	ent : Moderai	te, Area Affecte	ed: 100%				
	Location:	Roof						
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2047	* *	1		
Galvanized Steel	90%			2032	* *	1		
Water Heater								
Gas Fired	100%			2025	\$5,200	2	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2027	\$2,500	4	\$400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Not Accessible	100%							

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

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

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Print Date: 17-Sep-2018 QUEENS PUBLIC LIBRARY - FY 2019

Asset Name : WOODSIDE BRANCH LIBRARY

Address : 54-22 SKILLMAN AVE.

Borough : QUEENS Agency's Number : WS

Area Sq Ft : 12,051 Project Type : QUEENS PUBLIC LIBRARY

Date of Survey : 08-Jun-2017 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,1m,2

Block : 1317 Lot : 85 BIN : 4030847

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$181,700	\$102,400
Interior Architecture		\$31,800
Electrical	\$6,200	\$203,600
Mechanical		\$146,300
Total	\$188,000	\$484,100
Importance Code A	\$181,700	\$102,400
Importance Code B	\$6,200	\$381,700
Total	\$188,000	\$484,100

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$20,700	\$2,600		\$100
Interior Architecture	\$97,700	\$1,100	\$1,500	\$3,600
Electrical	\$9,700	\$1,400	\$1,200	\$3,500
Mechanical	\$13,300	\$1,300	\$2,300	\$8,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$145,400	\$10,400	\$8,900	\$19,500
Importance Code A	\$21,700	\$3,600	\$1,000	\$1,200
Importance Code B	\$122,700	\$6,800	\$7,400	\$18,300
Importance Code C	\$1,000		\$600	
Total	\$145,400	\$10,400	\$8,900	\$19,500



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

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

Asset #: 13322

chitecture	Current Repair	Future Re	eplacement	М	aintenance				
stem Component Type	% of Fail Date Estimat Total (Years)	red Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority			
erior									
Exterior Walls	0.70/ 3.7		de de	_	***				
Masonry: Brick		93,400 LIFE	**	5	\$29,900				
	Cracking/Crumbling, Extent: Location: East Facade, Nea	0	10%						
	Int Mortar Miss/Erod, Extent .		stad : 50%						
	Location: Throughout	. тоиетине, Агеи Ајјес	.ieu . 5070						
Masonry: Limestone		88,300 LIFE	* *	5	\$2,600				
Masonry. Limestone	Cracking/Crumbling, Extent:	,	5%	3	\$2,000				
	Location : North Facade	218.11, 111 ett 13,3 eet ett 1	2,0						
	Jnt Mortar Miss/Erod, Extent .	: Moderate, Area Affec	eted : 25%						
	Location: Cornice And Hori	zontal Bands							
	Staining/Discoloring, Extent:	Moderate, Area Affect	ed : 10%						
	Location: Cornice								
Pre-Cast Concrete	5%	LIFE	* *	5	\$5,700				
Windows									
Aluminum	100%	2044	* *	5	\$2,000				
Parapets	700/	LIEE	* *	_	¢.coo				
Masonry: Brick	72% 5%	LIFE LIFE	* *	5 5	\$600 \$100				
Masonry: Limestone			1 · 100%	3	\$100				
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Coping								
	Explanation: Coping Covere	ed With Metal							
Metal Panel	3%	2048	* *	5	\$100				
Metal: Cage/Fence	20%	2041	* *	5-10	\$1,400				
Roof									
Asphalt Shingle	60%	2031	* *	10	\$1,800				
Modified Bitumen		20,500 2028	\$102,400						
	Miss/Damaged Flashings, Exte		ffected : 5%						
	Location : Over Staff Restroe Water Penetration, Extent : M		. 50/						
	Location: Over Staff Restroe		. 570						
Soffits	The state of the s	-							
Masonry: Limestone	100% 4+	\$200 LIFE	* *	5					
•	Jnt Mortar Miss/Erod, Extent .	: Light, Area Affected :	5%						
	Location: 55 Street								

Interior

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

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

Asset #: 13322

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors	400/	N	¢05 400	2020	* *	2	¢10.000	
Carpet		Now	\$95,400 amage, Extent : Se	2030		3	\$10,800	
		ı : Various	итиде, Елгет . Бе	vere, Are	eu Ajjecieu . 5070			
			Extent : Severe, A	rea Affe	cted : 20%			
		ı : Various	2					
			tent : Severe, Area	Affected	l : 30%			
		: Various	ŕ	33				
Cast in Place Concrete	5%			LIFE	* *	5	\$2,000	
Ceramic Tile	5%			2037	* *	5	\$900	
Vinyl Tile	30%			2036	* *	3	\$2,000	
Vinyl Tile	20%			2028	\$31,800	3	\$1,400	
Interior Walls								
Ceramic Tile	5%			2037	* *	5	\$1,200	
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,000	
Plaster	80%			LIFE	* *	5	\$6,000	
Plaster	5%		\$1,000	LIFE	**	5	\$400	
			Extent : Moderate	e, Area A	ffected : 10%			
		ı : Boiler Ro		A A CC-	1 . 100/			
		ietration, E. 1 : Boiler Re	xtent : Moderate, A	Area А <u></u> ijе	естеа : 10%			
Ceilings	Locuitor	i . Bouer Ko	oon					
AcousTileSusp.Lay-In	5%			2041	* *	5	\$900	
Exposed Struc: Wood	35%			LIFE	* *	3	\$700	
Plaster	55%			LIFE	* *	5	\$6,500	
Plaster	5%	Now	\$1,300	LIFE	* *	5	\$600	
			Extent : Moderate		ffected : 10%		4	
			oom And Staff Rest					
	Water Per	netration, E	xtent : Moderate, A	Area Affe	ected : 10%			
	Location	ı : Boiler R	oom And Staff Rest	room				
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2063	* *			
Retaining Walls	1000			20.52	ala -l-			
Cast in Place Concrete	100%			2063	* *			
Site Pavements								
Public Sidewalk Cast in Place Concrete	100%			2041	* *			
On-Site Walkways	100%			∠∪41				
Cast in Place Concrete	100%			2041	* *			
Cast III I lace Colletete	10070			∠U 1 1				

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

Under 600 Volts

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

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

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

Asset #: 13322

Electrical	Current Rep	pair Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment	1000/	2020	01.500	_	#200	
Molded Case Bkrs	100%	2028	\$1,500	5	\$300	
	Other Observation, Exte Location : Electrical R		ectea : 100%			
		.oom rvice Rated At 400 Ampe	aras			
Switchgear / Switchboard	Explanation . Main Se	rvice Kaiea Ai 400 Ampe	eres			
Molded Case Bkrs	100%	2028	\$33,500	5	\$300	
Raceway	10070	2020	ψ33,300		ψ300	
Conduit	50%	2028	\$16,200	1		
Conduit	50%	2048	**	1		
Panelboards	2070					
Fused Disc Sw	10%	2044	* *	5		
Molded Case Bkrs	50%	2044	* *	5	\$200	
Molded Case Bkrs	40%	2027	\$6,200	5	\$100	
Wiring						
Braided Cloth	30% 2-4	\$8,600 2053	* *	1		
	Insulation Aged, Extent	: Moderate, Area Affecte	ed : 100%			
	Location: Upper Floo	rs				
Thermoplastic	70%	2048	* *	1		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
	Other Observation, Exte	nt : Moderate, Area Affe	ected : 100%			
	Location: Basement					
	Explanation: Connect	ed To Metal Water Pipe				
Lighting						
Interior Lighting			*		***	
Fluorescent	95%	2028	\$118,700	10	\$10,500	
	T-8 Lamps And Fixtures		a Affected: 100%			
	Location : Throughout					
Fluorescent	5%	2023	\$6,200	10	\$600	
	T-12 Lamps And Fixture	es, Extent : Moderate, Ar	ea Affected : 100%	ó		
	Location: Basement					
Egress Lighting	500/	2022	* *	10	01.70 0	
Emergency, Battery	50%	2033	* *	10	\$1,500	
Exit, Service	50%	2033	* * *	1		
Exterior Lighting	1000/	2020	¢47 100	10		
HID	100%	2028	\$47,100	10		
Alarm						
Security System Generic	100%	2028	\$37,800	1	\$4.500	
Generic	100% Other Observation, Exte			1	\$4,500	
	Location : Outside And					
		i msiae urveillance Cameras An	d Intrusion Alarm			
	елрининоп . ССТ V S	ar veniunce cumerus Am	a minusion Aium			

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

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

Asset #: 13322

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Alarm				
Fire/Smoke Detection				
Generic, Analog	100%	2033 **	1-3 \$7,400	
_	Other Observation, Extent: Moderate,	Area Affected : 100%		
	Location: Throughout The Building			
	Explanation: Smoke Detector, Horns	s, Manual Pull Station And S	Strobe Lights	

Mechanical	Current Repair	Future Re	placement	Maintenance		Priority
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	•	•	•			
Energy Source						
Natural Gas	100%	2048	* *	1		
Conversion Equipment						
Furnace	40%	2033	* *	1	\$2,400	
	Other Observation, Extent : Lig	ht, Area Affected : 40	%			
	Location: Roof					
	Explanation: 1 Roof Top Pac	kage Unit				
Steam Boiler	60%	2048	* *	1	\$7,200	
	Recent Installation, Extent : Lig Location : Boiler Room	ght, Area Affected : 10	0%			
	Other Observation, Extent : Lig Location : Basement Boiler R		%			
	Explanation: 1 Unit	oom				
Distribution	Explanation : 1 Cmi					
Central Plant Steam Piping/Pmp	60% Now \$1	1,900 2038	* *	4	\$400	
r iping/r inp	Leak Evident, Extent : Severe, A	Area Affected : 60%				
	Location: Throught	1.00.125500001.0070				
No Component	40%					
Terminal Devices	1070					
Convector/Radiator	60%	2033	* *	1	\$2,300	
No Component	40%			_	4-,	
Air Conditioning						
Energy Source						
Electricity	100%	2036	* *	1		
Conversion Equipment						
Ext Pkg Unit -	100%	2028	\$146,300	2	\$700	
Heating/Cooling						
	R-22 Refrigerant, Extent : Ligh Location : Roof	t, Area Affected : 1009	%			
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$6,700	
Exhaust Fans						
Roof	100%	2033	* *	2	\$400	

Plumbing

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

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

Asset #: 13322

Mechanical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2038	* *	1		
Water Heater						
Gas Fired	100%	2023	\$7,100	2	\$200	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2028	\$1,800	4	\$400	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Gearless Traction	100%	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%						
	Location: 1, Mezzanine, 2					
	Explanation: 1 Unit					

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