### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Total

Total

Importance Code A

Importance Code B

Importance Code C

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey	<ul> <li>312 BEA0</li> <li>QUEENS</li> <li>QPL0A02</li> <li>5,000</li> <li>03-May-2</li> </ul>	CH 54 STR 2.000 / 1421 016		Agency's Number Yr Built/Renovated Project Type Landmark Status	: N/A : 1964 / 1997 : QUEENS PUBLIC : : NONE	LIBRARY
Areas Surveyed Block	<ul><li>Roof, Floo</li><li>15890</li></ul>	Lot	: 18	BIN	: 4301922	
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Electrical				\$53,000		
Total				\$53,000		
Importance Code	В			\$53,000		
Total				\$53,000		
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture			\$6,100	\$900	
Interior Architect	ure		\$400		\$2,700	\$5,100
Electrical			\$500	\$10,600	\$600	\$500
Mechanical			\$300	\$300	\$2,700	\$300

\$17,000

\$6,400

\$10,600

\$17,000

\$1,300

\$200

\$1,000

\$1,300



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report. \$5,800

\$200

\$5,600

\$5,800

\$6,900

\$1,200

\$5,800

\$6,900

Asset # : 14216

		A3561#.14	210				
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	Priorit
xterior							
Exterior Walls							
Masonry: Brick	100%		LIFE	* *	5	\$17,500	
Windows	10070		2112		U	\$17,000	
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	
nterior							
Floors							
Carpet	60%		2026	\$65,900	3	\$7,300	
Cast in Place Concrete	5%		LIFE	* *	5	\$900	
Ceramic Tile	10%		2036	* *	5	\$800	
Vinyl Tile	25%		2032	* *	3	\$800	
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	
ite Enclosure							
Fence/Gates							
Iron Picket	100%		2062	* *			
ite Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2040	* *			
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	Priorit
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2027	\$1,600	5		
	Other Obs	ervation, Extent : Moderate, .	Area Affe	ected : 100%			
	Location	e : Work Room					
	Explana	tion : One 400 Ampere Main I	Disconne	ect Switch			
Raceway							
Conduit	100%		2027	\$33,200	1		
Panelboards							
Molded Case Bkrs	100%		2026	\$15,800	5	\$100	
Wiring							
Thermoplastic	100%		2027	\$29,300	1		
Motor Controllers				,			
Locally Mounted	100%		2025	\$16,000	5		
Bround			-	, -,-,**			

Ground

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

### Asset # : 14216

Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
round							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
ighting							
Interior Lighting Fluorescent	-	luorescent Light, Extent : 1 : Throughout	2022 Light, Area	\$53,000 Affected : 100%	10	\$4,600	
Egress Lighting							
Emergency, Battery	50%		2022	\$3,600	10	\$600	
Exit, Battery	50%		2022	\$1,200	10	\$200	
Exterior Lighting HID	100%		2027	\$20,000	10		
larm							
Security System							
Generic	100%		2032	* *	1	\$1,900	
Fire/Smoke Detection Generic, Digital	100%		2032	* *	1-3	\$3,100	
Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
leating							
Energy Source Natural Gas		allation, Extent : Light, Art : 1st Floor	2053 ea Affected	* * 100%	1		
Conversion Equipment Furnace	100% Recent Rep Location	lace Evident, Extent : Ligh : Roofton	2035 t, Area Affe	* * ected : 100%	1	\$2,500	
	Other Obse Location	ervation, Extent : Light, Are : Throughout					
Distribution	Explanati	ion : Entire Facility Was R	ecentiy Ker	iovaled			
Distribution Ductwork/Diffusers		lace Evident, Extent : Ligh : Throughout	LIFE t, Area Affe	* * ected : 100%	2-5	\$2,800	
ir Conditioning							
Energy Source Electricity	100%		2049	* *	1		

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

### Asset # : 14216

Mechanical		Current I	Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling			ent, Extent : Light,	2035 Area Aff	* * ècted : 100%	2	\$300	
Distribution	Location	: Rooftop						
Ductwork/Diffusers		place Evide : Through	ent, Extent : Light, out	LIFE Area Aff	* * ected : 100%	2	\$6,500	
Ventilation								
Distribution Ductwork/Diffusers		place Evide : Through	ent, Extent : Light, out	LIFE Area Affe	* * Sected : 100%	2-5	\$2,800	
Exhaust Fans Roof		place Evide : Rooftop	ent, Extent : Light,	2035 Area Affe	* * ected : 100%	2	\$200	
lumbing								
H/C Water Piping Brass/Copper		vlace Evide : Through	ent, Extent : Light, out	2053 Area Aff	* * Pected : 100%	1		
Water Heater Gas Fired	Location	: Mechani	Extent : Light, Area ical Room Gallon Water Hea			2	\$100	
Sanitary Piping	Елріана	1011.1-40	Guilon Waler Hea	ier - Rece	eni Instati			
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Fixtures Generic	100%							
Fire Suppression								
Sprinkler No Component Generic	95% 5%			2053	* *	1-2	\$100	
		tallation, E : Over Bo	Extent : Light, Area ok Return	Affected	1: 100%			

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

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed	<ul> <li>: 14-01 AS</li> <li>: QUEEN</li> <li>: QPL0A0</li> <li>: 7,107</li> <li>: 06-Dec-2</li> <li>: Basement</li> </ul>	STORIA BL S )3.000 / 1327 2018 nt, Roof, Flo	'4 ors 1,2	Agency's Number Yr Built/Renovated Project Type Landmark Status	: A : 1904 / 2003 : QUEENS PUBLIC I : NONE	LIBRARY
Block	: 540	Lot	: 30	BIN	: 4006113	
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture			\$84,100		
Mechanical				\$149,800		\$79,200
Total				\$233,900		\$79,200
Importance Code	А			\$84,100		
Importance Code	В			\$149,800		\$79,200
Total				\$233,900		\$79,200
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$26,400			
Interior Architect	ure		\$43,800		\$3,900	\$800
Electrical			\$15,200	\$600	\$700	\$600
Mechanical			\$6,100	\$1,900	\$1,500	\$1,700
Total			\$91,500	\$2,500	\$6,000	\$3,100
Importance Code	А		\$26,700	\$400	\$400	\$400
Importance Code	В		\$56,500	\$2,100	\$5,700	\$2,500
Importance Code	С		\$8,200			\$200
Total			\$91,500	\$2,500	\$6,000	\$3,100



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

### Asset # : 13274

rchitecture	Current R	epair	Future	Replacement	Μ	aintenance	
vstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
terior							
Exterior Walls							
Masonry: Brick	75% Now Jnt Mortar Miss/Erod, Location : East Faca Vertical Cracks, Exten Location : West Faca	Extent : Moderate, de t : Moderate, Area			5	\$13,200	
Masonry: Limestone	5%		LIFE	* *	5	\$1,300	
Metal Panel	15% Now	\$4,000	2040	* *	5	\$4,900	
	Broken/Missing Eleme Location : At Eaves Deformed/Dented, Ext Location : At Eaves						
Stucco Cement	5% Now	\$2,700	2035	* *	5	\$1,100	
Succo Cement	Cracking/Crumbling, I Location : At Founda	Extent : Moderate, 2	Area Affe		3	\$1,100	
Windows							
Aluminum	100%		2046	* *	5	\$2,300	
Roof							
Slate	100%	-	LIFE	* *	10	\$16,200	
Soffits Metal Panel	100% 4+ Deformed/Dented, Ext Location : Eaves Of	ent : Moderate, Are	2050 a Affecte	* * ed : 10%	5	\$4,200	
terior	-						
Floors							
Carpet	65%		2029	\$93,400	3	\$10,400	
Ceramic Tile	5%		2039	* *	5	\$500	
Quarry Tile	5%		2043	* *	5	\$800	
Vinyl Tile	25% Now		2040	* *	3	\$1,000	
	Worn/Eroded, Extent : Location : Basement			25%	-	, ,	
Interior Walls							
Ceramic Tile	3%		2039	* *	5	\$400	
Gypsum Board	10% Now		LIFE	* *	5	\$800	
	Cracking/Crumbling, I Location : Air Condi Water Penetration, Ex Location : Air Condi	tioner Room tent : Severe, Area 2	Affected				
Dlastan				* *	5	¢ 400	
Plaster	10% Now Cracking/Crumbling, I Location : Basement Water Penetration, Ex Location : Basement	Extent : Severe, Are Storage Room tent : Severe, Area A		ed : 25%	5	\$400	
		-		ala ala	- 10	¢0.000	
Plaster	770/2		LIEE	* *	5 10	VII / WW	
Plaster Ceilings	77%	-	LIFE	* *	5-10	\$9,000	

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

### Asset # : 13274

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	Priorit
Site Enclosure							
Fence/Gates							
Iron Picket	100%		2065	* *			
Free Standing Walls							
Concrete Masonry Unit	100%		2050	* *			
Retaining Walls							
Cast in Place Concrete	10%		2065	* *			
Masonry: Brick	90%		2050	* *			
Site Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2043	* *			
On-Site Walkways							
Cast in Place Concrete	100%		2035	* *			
Activity Yard							
Cast in Place Concrete	100%		2035	* *			

Electrical		Current Rep	pair	Futur	e Replacement	М	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								
Molded Case Bkrs	100%			2030	\$1,600	5	\$200	
	Other Obs	ervation, Exte	ent : Light, Area	Affected	: 100%			
	Location	: Electrical I	Room					
	Explanat	ion : No Avai	lable Nameplate	e Rating	Capacity			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2030	\$34,200	5	\$200	
Raceway								
Conduit	90%			2030	\$29,800	1		
Conduit	10%			2056	* *	1		
Panelboards								
Fused Disc Sw	20%			2052	* *	5		
Molded Case Bkrs	30%			2029	\$4,700	5	\$100	
Molded Case Bkrs	50%			2038	* *	5	\$100	
Wiring								
Braided Cloth	50%	2-4	\$14,700	2055	* *	1		
	Insulation	Aged, Extent	: Moderate, Are	a Affecte	ed : 100%			
	Location	: Throughou	t The Building					
Thermoplastic	40%			2040	* *	1		
Thermoplastic	10%			2056	* *	1		
Motor Controllers				-				
Locally Mounted	100%			2047	* *	5		
Ground								
Grounding Devices								
Not Accessible	100%							
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.

Asset # : 13274

Electrical		Current Repair	Futu	re Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ighting							
Interior Lighting							
LED	100%		2038	* *			
Egress Lighting							
Emergency, Battery	50%		2038	* *	10	\$900	
Exit, Service	50%		2038	* *	1		
Exterior Lighting	200/		2020	¢9.500	10		
HID No Common ont	30%		2030	\$8,500	10		
No Component	70%						
larm Security System							
No Component	50%						
Generic	50%		2038	* *	1	\$1,300	
Generie		ervation, Extent : Light, Are		l · 100%	1	\$1,500	
		: Reading Areas And Outsi	00				
		tion : CCTV Surveillance Co					
Fire/Smoke Detection	Шприни		unier as				
Generic, Digital	100%		2038	* *	1-3	\$4,400	
Generic, Digitai				l : 100%	1-5	\$7,700	
Generic, Digital	Other Obs	ervation, Extent : Light, Are	ea Affectea	l : 100%	1-5	ψτ,τ00	
Generic, Digitai	Other Obs Location	ervation, Extent : Light, Are : Throughout The Building	ea Affectea		_		
	Other Obs Location	ervation, Extent : Light, Ard : Throughout The Building tion : Strobe Lights, Manual	ea Affectea ! Pull Stati	ons, Alarm Bells, S	Smoke De	etectors And Horns	
Mechanical	Other Obs Location	ervation, Extent : Light, Are : Throughout The Building	ea Affectea ! Pull Stati		Smoke De		
Mechanical	Other Obs Location	ervation, Extent : Light, Ard : Throughout The Building tion : Strobe Lights, Manual	ea Affectea l Pull Stati Futu t Year	ons, Alarm Bells, S	Smoke De M Cycle	etectors And Horns	Priorit
Aechanical ystem Component	Other Obs Location Explana	ervation, Extent : Light, Ard : Throughout The Building tion : Strobe Lights, Manual Current Repair	ea Affectea ! Pull Stati Futu	ons, Alarm Bells, S re Replacement	Smoke De	etectors And Horns	Priorit
Aechanical System Component Type	Other Obs Location Explana % of	ervation, Extent : Light, Ard : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos	ea Affectea l Pull Stati Futu t Year	ons, Alarm Bells, S re Replacement	Smoke De M Cycle	etectors And Horns	Priorit
Aechanical ystem Component Type eating	Other Obs Location Explana % of	ervation, Extent : Light, Ard : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos	ea Affectea l Pull Stati Futu t Year	ons, Alarm Bells, S re Replacement	Smoke De M Cycle	etectors And Horns	Priorit
Aechanical ystem Component Type eating Energy Source	Other Obs Location Explana % of Total	ervation, Extent : Light, Ara : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years)	ea Affectea Pull Stati Futur t Year FY	ons, Alarm Bells, S re Replacement	Smoke De M Cycle (Yrs)	etectors And Horns	Priorit
Aechanical ystem Component Type eating Energy Source Natural Gas	Other Obs Location Explana % of	ervation, Extent : Light, Ara : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years)	ea Affectea l Pull Stati Futu t Year	ons, Alarm Bells, S re Replacement Estimated Cost	Smoke De M Cycle	etectors And Horns	Priorit
Aechanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment	Other Obs Location Explana % of Total 100%	rervation, Extent : Light, Ara : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years)	ea Affectea Pull Stati Futur t Year FY 2050	ons, Alarm Bells, S re Replacement Estimated Cost	Smoke De M Cycle (Yrs) 1	etectors And Horns aintenance Estimated Cost	Priorit
Aechanical ystem Component Type eating Energy Source Natural Gas	Other Obs Location Explana % of Total 100%	rervation, Extent : Light, Ara : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years)	ea Affectea Pull Stati Futur t Year FY 2050 2035	re Replacement Estimated Cost * *	Smoke De M Cycle (Yrs)	etectors And Horns	Priorit
Aechanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment	Other Obs Location Explana % of Total 100% 100% Other Obs	rervation, Extent : Light, Ara : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years)	ea Affectea Pull Stati Futur t Year FY 2050 2035	re Replacement Estimated Cost * *	Smoke De M Cycle (Yrs) 1	etectors And Horns aintenance Estimated Cost	Priorit
Aechanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment	Other Obs Location Explana % of Total 100% 0ther Obs Location	rervation, Extent : Light, Ard : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years) rervation, Extent : Light, Ard : Basement Boiler Room	ea Affectea Pull Stati Futur t Year FY 2050 2035	re Replacement Estimated Cost * *	Smoke De M Cycle (Yrs) 1	etectors And Horns aintenance Estimated Cost	Priorit
Aechanical System Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	Other Obs Location Explana % of Total 100% 0ther Obs Location	rervation, Extent : Light, Ara : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years) rervation, Extent : Light, Ara	ea Affectea Pull Stati Futur t Year FY 2050 2035	re Replacement Estimated Cost * *	Smoke De M Cycle (Yrs) 1	etectors And Horns aintenance Estimated Cost	Priorit
Aechanical ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution	Other Obs Location Explana % of Total 100% 0ther Obs Location	rervation, Extent : Light, Ara : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years) rervation, Extent : Light, Ara : Basement Boiler Room tion : 1 Unit	ea Affectea Pull Stati Futur t Year FY 2050 2035	re Replacement Estimated Cost * *	Smoke De M Cycle (Yrs) 1	etectors And Horns aintenance Estimated Cost	Priorit
Mechanical System Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana	rervation, Extent : Light, Ara : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years) rervation, Extent : Light, Ara : Basement Boiler Room tion : 1 Unit	ea Affected Pull Stati Futur t Year FY 2050 2035 ea Affected	re Replacement Estimated Cost * * 1 : 100%	Smoke De M Cycle (Yrs) 1	aintenance Estimated Cost \$3,500	Priorit
Mechanical System Component Type Teating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana	rervation, Extent : Light, Ara : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years) rervation, Extent : Light, Ara : Basement Boiler Room tion : 1 Unit	ea Affected Pull Stati Futur t Year FY 2050 2035 ea Affected	ions, Alarm Bells, S re Replacement Estimated Cost ** 1 : 100% **	Smoke De M Cycle (Yrs) 1	aintenance Estimated Cost \$3,500	Priorit
Mechanical System Component Type Teating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana 100%	rervation, Extent : Light, Ard : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years) rervation, Extent : Light, Ard : Basement Boiler Room tion : 1 Unit	ea Affectea Pull Stati Futu t Year FY 2050 2035 ea Affectea 2038 2030	re Replacement Estimated Cost * * 1 : 100%	Smoke De M Cycle (Yrs) 1 1 4	aintenance Estimated Cost \$3,500	Priorit
Aechanical System Component Type Teating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana 100% 80% 20%	rervation, Extent : Light, Ard : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years) : ervation, Extent : Light, Ard : Basement Boiler Room tion : 1 Unit	ea Affected Pull Stati Futur t Year FY 2050 2035 ea Affected 2038 2030 2035	tons, Alarm Bells, S re Replacement Estimated Cost ** 1 : 100% ** \$79,200 **	Smoke De M Cycle (Yrs) 1 1 1 4 1	etectors And Horns aintenance Estimated Cost \$3,500 \$500 \$3,500	Priorit
Mechanical System Component Type Jeating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana 100% 80% 20% Not Energ	ervation, Extent : Light, Ard : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years) ervation, Extent : Light, Ard : Basement Boiler Room tion : 1 Unit 0-2 \$400	ea Affected Pull Stati Futur t Year FY 2050 2035 ea Affected 2038 2030 2035 te, Area A	tons, Alarm Bells, S re Replacement Estimated Cost ** 1 : 100% ** \$79,200 ** ffected : 10%	Smoke De M Cycle (Yrs) 1 1 1 4 1	etectors And Horns aintenance Estimated Cost \$3,500 \$500 \$3,500	Priorit
Mechanical System Component Type Teating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana 100% 80% 20% Not Energ	ervation, Extent : Light, Ard : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years) : Parvention, Extent : Light, Ard : Basement Boiler Room tion : 1 Unit 0-2 \$400 y Efficient, Extent : Modera	ea Affected Pull Stati Futur t Year FY 2050 2035 ea Affected 2038 2030 2035 te, Area A	tons, Alarm Bells, S re Replacement Estimated Cost ** 1 : 100% ** \$79,200 ** ffected : 10%	Smoke De M Cycle (Yrs) 1 1 1 4 1	etectors And Horns aintenance Estimated Cost \$3,500 \$500 \$3,500	Priorit
Mechanical System Component Type Jeating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Other Obs Location Explana % of Total 100% 100% Other Obs Location Explana 100% 80% 20% Not Energ	ervation, Extent : Light, Ard : Throughout The Building tion : Strobe Lights, Manual Current Repair Fail Date Estimated Cos (Years) : Parvention, Extent : Light, Ard : Basement Boiler Room tion : 1 Unit 0-2 \$400 y Efficient, Extent : Modera	ea Affected Pull Stati Futur t Year FY 2050 2035 ea Affected 2038 2030 2035 te, Area A	tons, Alarm Bells, S re Replacement Estimated Cost ** 1 : 100% ** \$79,200 ** ffected : 10%	Smoke De M Cycle (Yrs) 1 1 1 4 1	etectors And Horns aintenance Estimated Cost \$3,500 \$500 \$3,500	Priorit

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

### Asset # : 13274

Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment Int Pkg Unit - Heating/Cooling	100%		2024	\$149,800	2	\$400	
6 6	R-22 Refri	gerant, Extent : Light, Area A	Iffected :	100%			
	Location	: Basement Fan Room					
Heat Rejection							
Air Cooled Condenser	100%		2030	\$14,200	2	\$5,000	
Unit							
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,300	
Exhaust Fans							
Interior	100%		2025	\$25,100	2	\$200	
Plumbing							
H/C Water Piping	1000/		• • • • •	ماد ماد			
Brass/Copper	100%		2040	* *	1		
Water Heater	1000/		2025	¢ 4 200	2	¢100	
Gas Fired	100%		2025	\$4,300	2	\$100	
Sanitary Piping	1000/	<b>AA</b> (AA)		* *			
Cast Iron	100%		LIFE		I		
	0	Clogged, Extent : Moderate,	Area Affe	ected : 5%			
	Location	: Rear Exits Of Basement					
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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### Page: 10

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: AUBURNDALE BRANCH LIBRARY							
Address	: 25-55 FRANCIS LEWIS BLVD.							
Borough	: QUEENS	Agency's Number	: AU					
Program / Asset #	: QPL0A05.000 / 13275	Yr Built/Renovated	: 1969 / 2013					
Area Sq Ft	: 7,332	Project Type	: QUEENS PUBLIC LIBRARY					
Date of Survey	: 14-Sep-2018	Landmark Status	: NONE					
Areas Surveyed	: Roof, Floors 1							
Block	: 5769 Lot : 10	BIN	: 4129461					

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Mechanical		\$271,600
Total		\$271,600
Importance Code B		\$271,600
Total		\$271,600

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$23,700		\$2,400	
Interior Architecture	\$8,400	\$2,200	\$6,800	\$300
Electrical	\$21,300	\$600	\$700	\$700
Mechanical	\$3,800	\$500	\$2,000	\$500
Site Pavements	\$2,100			
Total	\$59,300	\$3,300	\$11,900	\$1,500
I otal Importance Code A	\$ <b>59,300</b> \$24,100	<b>\$3,300</b> \$400	<b>\$11,900</b> \$2,800	<b>\$1,500</b> \$400
		,	,	,
Importance Code A	\$24,100	\$400	\$2,800	\$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.

# **QUEENS PUBLIC LIBRARY - 039** AUBURNDALE BRANCH LIBRARY

### Asset #: 13275

Architecture		Current Repair		e Replacement	м	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)		Estimated Cost		Estimated Cost	Priorit
xterior							
Exterior Walls							
Cast in Place Concrete	50%	4+ \$17,400	LIFE	* *	5	\$29,100	
	-	einforcement, Extent : Model : Alleyway And Rear Yard F		a Affected : 5%			
Masonry: Brick	30%		LIFE	* *	5	\$7,000	
Pre-Cast Concrete	2%		LIFE	* *	5	\$1,500	
Window Wall	18%		2050	* *	5	\$7,900	
Windows	1000/			ala ala		<b>.</b>	
Aluminum	100%		2038	* *	5	\$4,800	
Parapets					_		
Cast in Place Concrete	25%		LIFE	* *	5	\$4,200	
No Component	75%						
Roof IRMA/Protected	1000/		2029	* *	10	\$ <b>2</b> 0 (00	
Membrane	100%		2038	• •	10	\$20,600	
Soffits							
Cast in Place Concrete	100%		LIFE	* *	5		
nterior	10070		LIIL		5		
Floors							
Carpet	40%		2031	* *	3	\$6,600	
Cast in Place Concrete	10%		LIFE	* *	5	\$4,800	
Ceramic Tile	5%		2039	* *	5	\$500	
Vinyl Tile	45%		2038	* *	3	\$1,900	
Interior Walls							
Concrete Masonry Unit	95%		LIFE	* *	5	\$6,900	
Glass: Single Pane	5%		LIFE	* *	5	\$700	
Ceilings							
AcousTileConcealSpLn	90%		2043	* *	5	\$12,300	
Exposed Struc: Steel	10%		LIFE	* *	10	\$2,200	
Site Enclosure							
Fence/Gates							
Chain Link	100%		2040	* *			
Retaining Walls							
Cast in Place Concrete	100%		2065	* *			
ite Pavements							
Public Sidewalk	1000/	A	20.42	* *			
Cast in Place Concrete		issing Elements, Extent : Mod	2043 lerate, Ar				
	Location	: Francis Lewis Boulevard					
On-Site Walkways	1000/		20.42	* *			
Cast in Place Concrete	100%		2043	* *			
Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date Estimated Cost		Estimated Cost		Estimated Cost	Priorit
Component Type	Total	(Years)	FY	Estimated Cost	(Yrs)	Estimated Cost	11011

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

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

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

## QUEENS PUBLIC LIBRARY - 039 AUBURNDALE BRANCH LIBRARY

### Asset # : 13275

			ASSEL#. IS	-				
Electrical		Current	Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%		/	2030	\$1,600	5	\$200	
			Extent : Light, Area	Affected	: 100%			
		n : Electrico		D (1	<i>c</i>			
	Explana	tion : No A	vailable Nameplate	e Ratings	Capacity			
Switchgear / Switchboard Molded Case Bkrs	100%			2030	\$34,200	5	\$200	
	10070			2030	\$34,200	5	\$200	
Raceway Conduit	80%			2030	\$26,500	1		
Conduit	20%			2050	\$20,500	1		
Panelboards	2070			2030		1		
Molded Case Bkrs	80%			2029	\$12,700	5	\$200	
Molded Case Bkrs	20%			2046	**	5	\$200	
Wiring	2070			2010		5		
Braided Cloth	70%	2-4	\$20,500	2055	* *	1		
			ent : Moderate, Are		ed : 100%	-		
		0	out The Building	55				
Thermoplastic	30%			2050	* *	1		
Motor Controllers	5070			2000		1		
Locally Mounted	100%			2035	* *	5	\$100	
Ground						-		
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	2%			2030	\$1,600	10	\$100	
	•		t Light, Extent : Lig	ht, Area	Affected : 100%			
	Location	ı : Boiler R	oom					
LED	98%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	\$900	
Exit, Service	50%			2038	* *	1		
Exterior Lighting								
Fluorescent	30%			2030	\$7,500	10	\$200	
			t Light, Extent : Lig er Of The Building	ght, Area	Affected : 100%			
No Component	70%							
Alarm								
Security System								
No Component	30%							
Generic	70%			2038	* *	1	\$1,900	
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%		-	
	Location	ı : Reading	Areas And Outsid	e Perime	ter			
	Explana	tion : CCT	V Surveillance Can	ieras				

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

### QUEENS PUBLIC LIBRARY - 039 AUBURNDALE BRANCH LIBRARY

### Asset # : 13275

		ASSel # . 13	215				
Electrical		Current Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm Fire/Smoke Detection Generic, Digital	Location	ervation, Extent : Light, Area : Throughout The Building ion : Strobe Lights, Manual I			1-3 Smoke D	\$4,500 etectors And	
Mechanical		Current Densir	<b>F</b>	a Donlocomont	NA	laintananaa	
System Component	% of Total	Current Repair Fail Date Estimated Cost (Years)		re Replacement Estimated Cost		laintenance Estimated Cost	Priority
Туре		· /			. ,		
Heating Energy Source Natural Gas	100%		2050	* *	1		
Conversion Equipment Furnace	Location	ervation, Extent : Light, Area : Mechanical Room ion : 2 Units	2035 Affectea	** !:100%	1	\$3,600	
Air Conditioning Energy Source Electricity	100%		2038	* *	1		
Conversion Equipment Interior Pkg Unit - Cooling	100%		2028	\$271,600	2	\$500	
		gerant, Extent : Light, Area A : One Unit In Air Conditioni					
Heat Rejection Dry Cooler	100%		2035	* *	2	\$5,100	
Ventilation Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,500	
Exhaust Fans Interior Roof	90% 10%		2030 2030	\$23,300 \$1,200	2 2	\$200	
Plumbing H/C Water Piping							
Brass/Copper Water Heater Gas Fired	100%		2040 2028	**	1	\$100	
Sanitary Piping Cast Iron	100%		LIFE	**	1	<b>\$100</b>	
Storm Drain Piping Cast Iron Fixtures	100%		LIFE	* *	1		
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.* 

#### Page: 14

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: BAISLEY	PARK B	RANCH LIBRA	ARY		
Address	: 117-11 SU	<b>TPHIN B</b>	LVD.			
Borough	: QUEENS			Agency's Number	: BP	
Program / Asset #	: QPL0B06	5.000 / 1327	6	Yr Built/Renovated	: 1970 / 2003	
Area Sq Ft	: 6,808			<b>Project Type</b>	: QUEENS PUBLIC LI	BRARY
Date of Survey	: 10-May-2	016		Landmark Status	: NONE	
Areas Surveyed	: Roof, Flo	ors 1,2				
Block	: 12204	Lot	: 103	BIN	: 4264849	
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture			\$311,900		
Interior Architect	ure			\$77,900		
Electrical				\$64,900		\$74,600
Mechanical						\$144,600
Total				\$454,700		\$219,200
Importance Code	А			\$311,900		
Importance Code	В			\$142,800		\$219,200
Total				\$454,700		\$219,200
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$2,100	\$200		
Interior Architect	ure		\$13,400		\$300	\$1,100
Electrical			\$26,000	\$13,600	\$600	\$800
Mechanical			\$2,200	\$1,200	\$5,100	\$1,200
Site Pavements			\$16,600			
Total			\$60,400	\$15,100	\$6,000	\$3,100
Importance Code			\$2,500	\$600	\$300	\$300
Importance Code			\$57,300	\$14,400	\$5,600	\$2,700
Importance Code	С		\$600			
Total			\$60,400	\$15,100	\$6,000	\$3,100



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

### Asset # : 13276

rchitecture	Cı	ırrent Repair	Futur	e Replacement	М	aintenance	
/stem Component Type		l Date Estimated Cost lears)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls	15% 2	2-4 \$193,700	2062	* *			
Copper/Terne	Deformed/Dem	2-4 \$193,700 nted, Extent : Moderate, opper Cladding					
Masonry: Brick	Location : E:	cks, Extent : Moderate, A xit At Northeast Corner,	Penthouse		5	\$14,500	
	Location : Po			cted : 5%			
	Location : Po	nt : Light, Area Affected enthouse	. 1070				
Windows							
Aluminum	Location : Th	n, Extent : Severe, Area . hroughout			5	\$800	
	Location : Th	riorated, Extent : Sever hroughout	e, Area Aff	ected : 100%			
Metal Louvers	2% N Bent/Warped I Location : Po	Elements, Extent : Mode	2042 rate, Area	* * Affected : 20%			
	Location : Po Deteriorated H	Finish, Extent : Moderat					
Darrar ata	Location : Po	enthouse					
Parapets Masonry: Brick	Location : Po	nbling, Extent : Modera			5	\$100	
	Location : Po		uie, Areu A	<i>IJecieu</i> . 1576			
Metal Panel	60%		2037	* *	5	\$400	
Pre-Cast Concrete	7%		LIFE	* *	5	\$100	
Roof Modified Bitumen	100%		2035	* *	10	\$17,100	
erior	100/0		_000		10	\$17,100	
Floors							
Carpet	5%		2026	\$6,900	3	\$800	
Cast in Place Concrete	5%		LIFE	* *	5	\$1,100	
Ceramic Tile	5%		2030	\$10,400	5	\$500	
Vinyl Tile		2-4 \$77,900	2037	* *	3	\$3,200	
	Location : Th	0					
	Loose/Delam S Location : Th	Surface, Extent : Moder hroughout	ate, Area A	ffected : 50%			

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

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

### Asset # : 13276

	Current	Ronair	Eutu	e Replacement	м	aintenance	
% of		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Total	(Years)	Estimated Cost	FY	Estimateu Cost	(Yrs)	Estimated Cost	111011
70%			I IFF	* *	5	\$3 400	
	Now	\$600	LIFE	* *	5		
			Area Affe	ected : 10%		. ,	
100/	2.4	\$900	2022	* *	5	¢500	
					3	\$500	
-	-			<i>jjeeleu</i> : 1070			
90%	Now	\$12,000	LIFE	* *	5	\$5,400	
-	-						
200411011							
100%			2062	* *			
100%			2032	* *			
10070			2002				
Misaligne			2042 Area Aff	* * fected : 100%			
	Current	Repair	Futur	e Replacement	М	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
1000/			2027	¢1 (00	5	<b>\$300</b>	
100% Other Obs	ervation H	Extent : Moderate, 1		\$1,600 ected · 100%	5	\$200	
	: Electrice	al Room					
Location		al Room vailable Ratings					
Location			2027	\$34,200	5	\$200	
Location Explana 100%	tion : No A	vailable Ratings				\$200	
Location Explanat 100%	<i>tion : No A</i> 4+	vailable Ratings \$1,700	2027	\$33,200	5	\$200	
Location Explanation 100% Corroded,	tion : No A 4+ Extent : M	vailable Ratings \$1,700 loderate, Area Affe	2027	\$33,200		\$200	
Location Explanation 100% Corroded,	<i>tion : No A</i> 4+	vailable Ratings \$1,700 loderate, Area Affe	2027	\$33,200		\$200	
	30% Water Pen Location 10% Staining/E Location 90% Cracking/C Location Water Pen Location 100% 100% Misaligned Location	30% Now Water Penetration, E Location : Penthou 10% 2-4 Staining/Discoloring Location : Stained 90% Now Cracking/Crumbling, Location : Penthou Water Penetration, E Location : Penthou 100% 100% 100% 2-4 Misaligned/Bulging, Location : Interior	30% Now       \$600         Water Penetration, Extent : Moderate, A       Location : Penthouse Stair         10% 2-4       \$800         Staining/Discoloring, Extent : Moderate       Location :         Location : Stained Tiles Due To Roof :       90% Now         90% Now       \$12,000         Cracking/Crumbling, Extent : Severe, A         Location : Penthouse Stair, Male And         Water Penetration, Extent : Severe, Are         Location : Penthouse Stair, Reading A         100%         100%         100%         2-4         \$16,600         Misaligned/Bulging, Extent : Moderate,         Location : Interior Courtyard	30%Now\$600LIFEWater Penetration, Extent : Moderate, Area Affe Location : Penthouse Stair10%2-4\$8002032Staining/Discoloring, Extent : Moderate, Area A Location : Stained Tiles Due To Roof Leaks90%Now\$12,000LIFECracking/Crumbling, Extent : Severe, Area Affecte Location : Penthouse Stair, Male And Female Mater Penetration, Extent : Severe, Area Affecte Location : Penthouse Stair, Reading Area, Mate100%2062100%2-4\$16,6002042100%2-4\$16,6002042Misaligned/Bulging, Extent : Moderate, Area Affecte Location : Interior CourtyardFuturCurrent RepairFutur% ofFail DateEstimated CostYear	30%Now\$600LIFE**Water Penetration, Extent : Moderate, Area Affected : 10% Location : Penthouse Stair10%2-4\$8002032**10%2-4\$8002032****Staining/Discoloring, Extent : Moderate, Area Affected : 10% Location : Stained Tiles Due To Roof Leaks10%**90%Now\$12,000LIFE**Cracking/Crumbling, Extent : Severe, Area Affected : 10% Location : Penthouse Stair, Male And Female Staff Restroom Water Penetration, Extent : Severe, Area Affected : 20% Location : Penthouse Stair, Reading Area, Male Staff Restroom100%2062**100%2042**100%2-4\$16,6002042100%2-4\$16,6002042100%2-4\$16,6002042**Misaligned/Bulging, Extent : Moderate, Area Affected : 100% Location : Interior CourtyardFuture Replacement% ofFail DateEstimated CostYear	30% Now       \$600 LIFE       **       5         Water Penetration, Extent : Moderate, Area Affected : 10% Location : Penthouse Stair       10% 2-4       \$800 2032       **       5         Staining/Discoloring, Extent : Moderate, Area Affected : 10% Location : Stained Tiles Due To Roof Leaks       5       5         90% Now       \$12,000 LIFE       **       5         Cracking/Crumbling, Extent : Severe, Area Affected : 10% Location : Penthouse Stair, Male And Female Staff Restroom       5         Water Penetration, Extent : Severe, Area Affected : 20% Location : Penthouse Stair, Reading Area, Male Staff Restroom       100%         100%       2062       **         100%       2042       **         100%       2-4       \$16,600 2042       **         100%       2-4       \$16,600 2042       **         100%       2-4       \$16,600 2042       **         100%       2-4       \$16,600 2042       **         100%       2-4       \$16,600 2042       **         100%       2-4       \$16,600 2042       **         100%       2-4       \$16,600 2042       **         100%       2-4       \$16,600 2042       **         Misaligned/Bulging, Extent : Moderate, Area Affected : 100% Location : Interior Courtyard       Year	30% Now       \$600       LIFE       **       5       \$1,100         Water Penetration, Extent : Moderate, Area Affected : 10%       Location : Penthouse Stair       10%       2-4       \$800       2032       **       5       \$500         Staining/Discoloring, Extent : Moderate, Area Affected : 10%       Location : Stained Tiles Due To Roof Leaks       90%       Now       \$12,000       LIFE       **       5       \$5,400         Cracking/Crumbling, Extent : Severe, Area Affected : 10%       Location : Penthouse Stair, Male And Female Staff Restroom       Value Penetration, Extent : Severe, Area Affected : 20%       Location : Penthouse Stair, Reading Area, Male Staff Restroom         100%       2062       **       100%       2032       **         100%       2062       **       100%       2.4       \$16,600       2042       **         100%       2.4       \$16,600       2042       **       **         100%       2.4       \$16,600       2042       **       **         100%       2.4       \$16,600       2042       **       **         100%       2.4       \$16,600       2042       **       **         100%       2.4       \$16,600       2042       **       **         Misalign

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

### Asset # : 13276

		Asset # : 13	270				
Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts							
Wiring							
Braided Cloth		4+ \$23,500 Aged, Extent : Moderate, Are : Throughout The Building	2052 a Affecte	* * ed : 100%	1		
Thermoplastic	20%		2027	\$5,900	1		
Motor Controllers Locally Mounted	100%		2025	\$16,000	5		
bround							
Grounding Devices Generic	Location	ervation, Extent : Light, Area : Water Meter Room ion : Connected To Main Wai		* * ! : 100%	5	\$100	
ighting	Елриании	on . Connecteu 10 Main # a	er i ipe				
Interior Lighting Fluorescent	-	s And Fixtures, Extent : Ligh : Throughout	2022 t, Area A	\$64,900 ffected : 100%	10	\$5,600	
Incandescent	10%	0	2022	\$7,200	2		
Egress Lighting Emergency, Battery	50%		2027	\$4,900	10	\$800	
Exit, Service	50%		2027	\$500	1		
Exterior Lighting HID	100%		2027	\$27,200	10		
larm Security System Generic	100%		2027	\$21,800	1	\$2,500	
Fire/Smoke Detection Generic, Analog	100%		2027	\$74,600	1-3	\$4,300	
Vlechanical		Current Repair	Futur	e Replacement	м	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)		Estimated Cost		Estimated Cost	Priorit
Ieating							1
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 No Component	80% 20%		2043	* *	4	\$300	
Terminal Devices	2070						
Air Handler Convector/Radiator	50% 30%		2027 2040	\$47,400 * *	1 1	\$2,100 \$700	
No Component	20%						

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

### Asset # : 13276

Mechanical		Current Repair	Futur	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		
<b>Conversion Equipment</b>							
Reciprocating	80%		2032	* *	1	\$2,500	
Compr/Chiller							
Ext Pkg Unit -	20%		2032	* *	2	\$100	
Heating/Cooling							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2	\$8,900	
Terminal Devices							
Air Handler/Cool/Ht	80%		2027	\$60,500	1	\$3,400	
No Component	20%						
Heat Rejection							
Dry Cooler	100%		2027	\$36,700	2	\$4,700	
entilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,800	
Exhaust Fans							
Interior	25%		2027	\$6,000	2	\$100	
Roof	75%		2027	\$8,400	2	\$200	
lumbing							
H/C Water Piping	1000/		• • • • •	de ale			
Galvanized Steel	100%		2040	* *	1		
Water Heater							
Gas Fired	100%		2025	\$4,100	2	\$100	
		ervation, Extent : Light, Area	Affected	l : 100%			
		: 2nd Floor Break Room					
	Explana	tion : 1-50 Gallon					
Sanitary Piping				<i>.</i> .			
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping				. ·			
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
No Component	90%						
Generic	10%		2032	* *	1		
		ervation, Extent : Light, Area		l : 100%			
		: 2nd Floor Mechanical Roo	т				
	Explana	tion : Boiler					
Fixtures							
Generic	100%						

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

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

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	: 17-Oct-2018	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1		
Block	: 5865 Lot : 82	BIN	: 4131148

CAPITAL		FY 2021 - 2024		FY 2025 - 2030
Exterior Architecture		\$553,700		
Interior Architecture				\$90,200
Electrical				\$78,800
Mechanical				\$247,700
Total		\$553,700		\$416,700
Importance Code A		\$553,700		
Importance Code B				\$416,700
Total		\$553,700		\$416,700
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$1,500			
Interior Architecture	\$13,700		\$300	\$1,300
Electrical	\$5,800	\$200	\$300	\$300

Total	\$25,400	\$2,900	\$2,700	\$4,100
Importance Code C	\$4,600			
Importance Code B	\$18,900	\$2,500	\$2,400	\$3,800
Importance Code A	\$1,900	\$400	\$400	\$400
Total	\$25,400	\$2,900	\$2,700	\$4,100
Site Enclosure	\$100			
Mechanical	\$4,300	\$2,700	\$2,200	\$2,600
Licetifeat	$\psi_{2},000$	ψ200	ψ500	ψ500



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

### Asset # : 13279

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
xterior								
Exterior Walls								
Concrete Masonry Unit	Location	: Through	\$153,800 Extent : Severe, A out I, Extent : Severe, .			5	\$11,000	
	Location	: Through						
		: Through						
	Explanat	ion : Ribbe	ed Face Masonry U	Jnits				
Windows								
Aluminum	Broken/Mi Location Ctrwt/Balr	: Through	ct, Extent : Severe,			5	\$1,000	1
Parapets		-						
Concrete Masonry Unit	10%			LIFE	* *	5-10	\$900	
Concrete Masonry Unit	10%			LIFE	* *	5-10	\$900	
5		ervation, E	xtent : Light, Area		! : 100%		• • • •	
			Parapet At Southw					
			ed Face Units					
No Component	80%							
Roof								
Built-Up (BUR)	Location Vegetation Location Worn/Eroc	: Through Growth, E : Lower Re	Extent : Moderate, 200f At Southwest C : Moderate, Area	Area Affe Corner	ected : 20%			
Soffits Stucco Cement	100%			2043	* *	5		
iterior	20070			_~		-		
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$2,400	
Ceramic Tile	5%			2033	* *	5	\$600	
Vinyl Tile	90%			2030	\$90,200	3	\$5,000	
Interior Walls	,,,,			2000	\$70,200	U	40,000	
Concrete Masonry Unit	95%			LIFE	* *	5	\$8,300	
Glass: Single Pane	5%			LIFE	* *	5	\$800	
Ceilings	2.0					-	+ 0	
AcousTileSusp.Lay-In	70%			2035	* *	5	\$7,800	
Exposed Struc: Steel	30%			LIFE	* *	10	\$6,700	
ite Enclosure	20.0						\$0,700	
Fence/Gates								
Chain Link	100%			2040	* *			

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

### Asset #: 13279

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	Priorit
ite Enclosure Free Standing Walls Cast in Place Concrete		0-2 \$100 Crumbling, Extent : Moderat 1 : Side Steps	2065 e, Area Aj	* * ffected : 2%			
ite Pavements Public Sidewalk Cast in Place Concrete	100%		2043	* *			
On-Site Walkways Cast in Place Concrete	100%		2035	* *			
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	Priorit
Jnder 600 Volts Service Equipment Molded Case Bkrs	Location	servation, Extent : Light, Area 1 : Electrical Room tion : One 400 Ampere Main			5	\$200	
Switchgear / Switchboard Molded Case Bkrs	100%	· · · ·	2030	\$34,200	5	\$200	
Raceway Conduit Conduit	90% 10%		2030 2050	\$29,800	1		
Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	5% 85% 10%		2029 2029 2029 2046	\$800 \$13,400 * *	5 5 5	\$200	
Wiring Thermoplastic Thermoplastic	90% 10%		2030 2050	\$26,400 * *	1 1		
Motor Controllers Locally Mounted	100%		2028	\$16,000	5	\$100	
Fround Grounding Devices Generic	100%		LIFE	* *	5	\$200	
ighting Interior Lighting Fluorescent		ps And Fixtures, Extent : Lig 1 : Throughout The Building	2025 ht, Area A	\$63,100 ffected : 100%	10	\$5,500	
Fluorescent	20% Compact I		2030 ght, Area	\$15,800 Affected : 100%	10	\$1,400	

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

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

Asset #: 13279

			5215				
Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component	% of Total	Fail Date Estimated Cost		Estimated Cost		Estimated Cost	Priority
Туре	Total	(Years)	FY		(Yrs)		
Lighting							
Egress Lighting							
Emergency, Battery	50%		2030	\$5,300	10	\$900	
Exit, Service	50%		2030	\$600	1		
Exterior Lighting							
HID	30%		2025	\$8,900	10		
No Component	70%						
Alarm							
Security System							
No Component	70%						
Generic	30%		2025	\$7,100	1	\$800	
		ervation, Extent : Light, Area	a Affected	: 100%			
		: Throughout The Building		~			
	Explana	tion : Intrusion Alarm System	, Motion	Sensors			
Fire/Smoke Detection	=						
No Component	70%		0005	* *	1.0	¢1 400	
Generic, Digital	30%		2035	* *	1-3	\$1,400	
Mechanical		Current Repair	Eutur	e Replacement	м	aintenance	
		-					
System Component	% of	Fail Date Estimated Cost		Estimated Cost		<b>Estimated</b> Cost	Priority
Туре	Total	(Years)	FY		(Yrs)		
Heating	•		•				
Energy Source							
Natural Gas	100%		2040	* *	1		
Conversion Equipment							
Hot Water Boiler							
	100%		2043	* *	1	\$3,700	
		ervation, Extent : Light, Area			1	\$3,700	
	Other Obs				1	\$3,700	
	Other Obs Location	ervation, Extent : Light, Area			1	\$3,700	
Distribution	Other Obs Location	ervation, Extent : Light, Area : Basement Boiler Room			1	\$3,700	
	Other Obs Location	ervation, Extent : Light, Area : Basement Boiler Room			1	\$3,700 \$500	
Distribution	Other Obs Location Explana 100%	ervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit	a Affected	2 : 100%			
Distribution Hot Wtr Piping/Pump	Other Obs Location Explana 100%	rervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit	n Affected	2 : 100%		\$500 \$2,800	
Distribution Hot Wtr Piping/Pump Terminal Devices	Other Obs Location Explana 100%	rervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit	a Affected	\$11,500	4	\$500	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Other Obs Location Explana 100%	rervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit	2029 2025	\$11,500 \$62,200	4	\$500 \$2,800	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source	Other Obs Location Explana 100% 60% 40%	rervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit	2029 2025 2035	\$11,500 \$62,200 **	4	\$500 \$2,800	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity	Other Obs Location Explana 100%	rervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit	2029 2025	\$11,500 \$62,200	4	\$500 \$2,800	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment	Other Obs Location Explana 100% 60% 40%	rervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit	2029 2025 2035	\$11,500 \$62,200 **	4	\$500 \$2,800 \$1,000	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating	Other Obs Location Explana 100% 60% 40%	rervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit	2029 2025 2035	\$11,500 \$62,200 **	4	\$500 \$2,800	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment	Other Obs Location Explana 100% 60% 40% 100%	rervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit	2029 2025 2035 2038 2030	*: 100% \$11,500 \$62,200 ** ** \$62,600	4 1 1 1	\$500 \$2,800 \$1,000	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating	Other Obs Location Explana 100% 60% 40% 100% R-22 Refr	ervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit gerant, Extent : Light, Area .	2029 2025 2035 2038 2030	*: 100% \$11,500 \$62,200 ** ** \$62,600	4 1 1 1	\$500 \$2,800 \$1,000	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller	Other Obs Location Explana 100% 60% 40% 100%	ervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit gerant, Extent : Light, Area .	2029 2025 2035 2038 2030	*: 100% \$11,500 \$62,200 ** ** \$62,600	4 1 1 1	\$500 \$2,800 \$1,000	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller Terminal Devices	Other Obs Location Explana 100% 60% 40% 100% 100% <i>R-22 Refr</i> Location	ervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit igerant, Extent : Light, Area . : Roof	2029 2025 2035 2038 2030 4ffected :	*: 100% \$11,500 \$62,200 ** ** \$62,600 100%	4 1 1 1	\$500 \$2,800 \$1,000 \$3,500	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller Terminal Devices Air Handler/Cool/Ht	Other Obs Location Explana 100% 60% 40% 100% R-22 Refr	ervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit igerant, Extent : Light, Area . : Roof	2029 2025 2035 2038 2030	*: 100% \$11,500 \$62,200 ** ** \$62,600	4 1 1 1	\$500 \$2,800 \$1,000	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller Terminal Devices Air Handler/Cool/Ht Heat Rejection	Other Obs Location Explana 100% 60% 40% 100% R-22 Refr Location 100%	ervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit igerant, Extent : Light, Area .	2029 2025 2035 2038 2030 4ffected : 2025	2 : 100% \$11,500 \$62,200 ** ** \$62,600 100% \$82,700	4 1 1 1 1 1	\$500 \$2,800 \$1,000 \$3,500 \$4,600	
Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller Terminal Devices Air Handler/Cool/Ht	Other Obs Location Explana 100% 60% 40% 100% 100% <i>R-22 Refr</i> Location	ervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit igerant, Extent : Light, Area .	2029 2025 2035 2038 2030 4ffected :	*: 100% \$11,500 \$62,200 ** ** \$62,600 100%	4 1 1 1 1 1	\$500 \$2,800 \$1,000 \$3,500	

Ventilation

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

Asset # : 13279

lechanical		Current F	Repair	Future Replacement		Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
entilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,600		
Exhaust Fans									
Interior	80%			2025	\$21,000	2	\$200		
Roof	20%	0-2	\$100	2030	\$2,400	2			
	Not in Ser Location		t : Moderate, Area	Affected	: 10%				
umbing									
H/C Water Piping									
Brass/Copper	100%			2040	* *	1			
Water Heater									
Gas Fired	100%			2025	\$4,500	2	\$100		
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping									
Cast Iron	100%			LIFE	* *	1			
Sump Pump(s)									
Non-Submersible	100%			2030	\$1,100	4	\$200		
Fixtures									
Generic	100%								

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

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed	<ul> <li>214-20 N</li> <li>QUEENS</li> <li>QPL0B03</li> <li>9,932</li> <li>17-Oct-20</li> </ul>	ORTHERN 5 8.000 / 1327	8	Agency's Number Yr Built/Renovated Project Type Landmark Status	: B : 1965 / 2013 : QUEENS PUBLIC I : NONE	LIBRARY
Block	: 7333	Lot	: 215	BIN	: 4157389	
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture			\$152,500		
Mechanical						\$301,900
Total				\$152,500		\$301,900
Importance Code	А			\$152,500		
Importance Code						\$301,900
Total				\$152,500		\$301,900
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$18,700			
Interior Architect	ure		\$20,700	\$10,800	\$900	\$800
Electrical			\$23,900	\$300	\$400	\$400
Mechanical			\$13,400	\$1,700	\$3,900	\$1,700
Site Pavements			\$1,900			
Total			\$78,600	\$12,800	\$5,200	\$2,900
Importance Code	А		\$19,200	\$500	\$500	\$500
Importance Code	В		\$57,200	\$12,300	\$4,700	\$2,000
Importance Code	С		\$2,200			\$300
Total			\$78,600	\$12,800	\$5,200	\$2,900



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

### Asset # : 13278

Architecture		Current	Repair	Futur	re Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$3,700	
Masonry: Brick	85%			LIFE	* *	5	\$12,600	
Masonry: Brick	5%	Now	\$1,200	LIFE	* *	5	\$400	
			d, Extent : Modera ney Cap, Front Fa		Affected : 20%			
Window Wall	5%	Now	\$9,400	2050	* *	5	\$700	
		ssing Elen : Window	ients, Extent : Seve Wall	re, Area	Affected : 5%			
	Caulking 1	Deteriorate	ed, Extent : Moderd	ite, Area	Affected : 10%			
	Location	: North F	acade					
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	ected : 5%			
	Location	: North F	acade					
Windows								
Aluminum		Now	\$152,500	2055	* *	5	\$1,700	1
		0	ients, Extent : Seve	re, Area	Affected : 50%			
		-	out 1st Floor					
			xtent : Severe, Are	00	ed : 20%			
			f Windows Throug					
			: Moderate, Area	Affected	: 25%			
	Location	: Through	out					
Roof								
Modified Bitumen	100%			2038	* *	10	\$22,700	
Soffits								
Stucco Cement	100%			2043	* *	5		
Floors	6.50 (			2021		2	<b>.</b>	
Floors Carpet	65%			2031	* *	3	\$14,500	
Floors Carpet Cast in Place Concrete	5%			LIFE	* *	5	\$3,300	
Carpet Cast in Place Concrete Mosaic Tile	5% 5%			LIFE 2043	* *	5 5	\$3,300 \$1,900	
Floors Carpet Cast in Place Concrete	5% 5% 25%	2-4	\$1,700	LIFE 2043 2035	* * * *	5	\$3,300	
Floors Carpet Cast in Place Concrete Mosaic Tile	5% 5% 25% Loose/Del	am Surface	e, Extent : Moderat	LIFE 2043 2035	* * * *	5 5	\$3,300 \$1,900	
Floors Carpet Cast in Place Concrete Mosaic Tile Vinyl Tile	5% 5% 25% Loose/Del	am Surface		LIFE 2043 2035	* * * *	5 5	\$3,300 \$1,900	
Floors Carpet Cast in Place Concrete Mosaic Tile Vinyl Tile Interior Walls	5% 5% 25% Loose/Dela Location	am Surface	e, Extent : Moderat	LIFE 2043 2035 e, Area A	* * * * Affected : 5%	5 5 3	\$3,300 \$1,900 \$1,400	
Floors Carpet Cast in Place Concrete Mosaic Tile Vinyl Tile Interior Walls Ceramic Tile	5% 5% 25% Loose/Delo Location 5%	am Surface	e, Extent : Moderat	LIFE 2043 2035 e, Area A 2039	* * * * Affected : 5% * *	5 5 3 5	\$3,300 \$1,900 \$1,400 \$700	
Floors Carpet Cast in Place Concrete Mosaic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit	5% 5% 25% Loose/Del Location 5% 25%	am Surface : Work Ar	e, Extent : Moderat ea And Kitchen	LIFE 2043 2035 <i>e, Area A</i> 2039 LIFE	* * * * Affected : 5% * * * *	5 5 3 5 5	\$3,300 \$1,900 \$1,400 \$700 \$2,800	
Floors Carpet Cast in Place Concrete Mosaic Tile Vinyl Tile Interior Walls Ceramic Tile	5% 5% 25% Loose/Del Location 5% 25% 70%	am Surface : Work Ar 4+	e, Extent : Moderat	LIFE 2043 2035 <i>e, Area A</i> 2039 LIFE LIFE	* * ** Affected : 5% ** ** **	5 5 3 5	\$3,300 \$1,900 \$1,400 \$700	

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

### Asset # : 13278

			Assel # . 15	-				
Architecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nterior								
Ceilings								
AcousTileConcealSpLn		Now	\$12,700	2050	* *	5	\$900	
	-	-	Extent : Moderate	, Area A	ffected : 25%			
		: Basemen						
			: Moderate, Area	Affected	: 25%			
		: Basemen	t					
AcousTileSusp.Lay-In	80%			2047	* *	5	\$11,900	
Exposed Concrete	5%			LIFE	* *	5-10	\$900	
Gypsum Board	5%			LIFE	* *	5-10	\$2,600	
ite Enclosure								
Fence/Gates	000/			0040	* *			
Chain Link	90%			2040	* *			
Iron Picket	10%			2065	* *			
Retaining Walls	1000/			2065	* *			
Cast in Place Concrete	100%			2065	* *			
ite Pavements Public Sidewalk								
Cast in Place Concrete	100%	4+	\$1,900	2043	* *			
Cast III Flace Collefete			Extent : Moderate					
	-	: Through		, лгеи лј	<i>Jecieu</i> . 570			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			
				- /				
Electrical		Current F	Repair	Futur	e Replacement		aintenance	
System Component	% of		Estimated Cost		<b>Estimated Cost</b>	•	<b>Estimated Cost</b>	Priorit
Туре	Total	(Years)						
Inder 600 Volts		(		FY		(Yrs)		
nder 000 vons		()		ГҮ		(Yrs)		
		()		ΓY		(Yrs)		
Service Equipment Molded Case Bkrs	100%	()		<b>FY</b> 2030	\$1,600	(Yrs) 5	\$300	
Service Equipment	100%		xtent : Light, Area	2030			\$300	
Service Equipment	100% Other Obs			2030			\$300	
Service Equipment	100% Other Obs Location	ervation, E : Electrica		2030 Affected	: 100%		\$300	
Service Equipment Molded Case Bkrs Switchgear / Switchboard	100% Other Obs Location Explana	ervation, E : Electrica	l Room	2030 Affected Disconne	: 100%			
Service Equipment Molded Case Bkrs	100% Other Obs Location	ervation, E : Electrica	l Room	2030 Affected	: 100%		\$300	
Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway	100% Other Obs Location Explana 100%	ervation, E : Electrica	l Room	2030 Affected Disconne 2030	t : 100% ct Switch	5		
Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	100% Other Obs Location Explana 100%	ervation, E : Electrica	l Room	2030 Affected Disconne 2030 2030	: 100% ct Switch \$34,200 \$26,500	5		
Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit	100% Other Obs Location Explana 100%	ervation, E : Electrica	l Room	2030 Affected Disconne 2030	: 100% ct Switch \$34,200	5		
Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards	100% Other Obs Locatior Explana 100% 80% 20%	ervation, E : Electrica	l Room	2030 Affected Disconne 2030 2030 2050	: 100% ct Switch \$34,200 \$26,500	5 5 1 1		
Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw	100% Other Obs Location Explana 100% 80% 20%	ervation, E : Electrica	l Room	2030 Affected Disconne 2030 2030 2050 2029	: 100% <u>ct Switch</u> \$34,200 \$26,500 ** \$800	5 5 1 1 5	\$300	
Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards	100% Other Obs Locatior Explana 100% 80% 20%	ervation, E : Electrica	l Room	2030 Affected Disconne 2030 2030 2050	: 100% <u>ct Switch</u> \$34,200 \$26,500 **	5 5 1 1		

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

### Asset # : 13278

Electrical	Current Repair	Future Replace	ment	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring						
Braided Cloth		3,500 2055	* *	1		
	Insulation Aged, Extent : Moder Location : Basement And 1st F	••				
TTI 1 .'			* *	1		
Thermoplastic Motor Controllers	20%	2050	~ ~	1		
Locally Mounted	100%	2043	* *	5	\$100	
Ground	10078	2043		5	\$100	
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
Lighting						
Interior Lighting						
Fluorescent	70%	2035	* *	10	\$6,400	
	T-5 Lamps And Fixtures, Extent		0%			
	Location : Ist Floor Reading A	nd Book Shelves Area				
Fluorescent	20%	2035	* *	10	\$1,800	
	T-8 Lamps And Fixtures, Extent		0%			
	Location : Basement, Kitchen					
Fluorescent	10%	2035	* *	10	\$900	
	Other Observation, Extent : Ligh Location : 1st Floor	ht, Area Affected : 100%				
	Explanation : Compact Fluore	scent Light Fixtures				
Egress Lighting		seem Eight I with es				
Emergency, Battery	45%	2035	* *	10	\$1,100	
Exit, LED	55%	2058	* *	1	-	
Exterior Lighting						
HID	100%	2035	* *	10		
Alarm						
Security System						
No Component	70%	2025			¢1 100	
Generic	30%	2035	* *	1	\$1,100	
	Other Observation, Extent : Ligh Location : Inside, Outside And					
	Explanation : CCTV Surveillar		Alarm			
Fire/Smoke Detection	Explanation . CC1 v Sur Vella	ice Cumerus Ana Intruston	Aiurm			
No Component	70%					
Generic, Digital	30%	2035	* *	1-3	\$1,800	
Senerity, Digital	Other Observation, Extent : Light				\$1,000	
	Location : Basement And 1st F	00				
	Explanation : Fire Alarm Pane	el, Strobe Light, Bell, Horn	, Smoke	And Hea	t Detectector	

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

Heating

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

### Asset # : 13278

Mechanical	Curre	nt Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2050	* *	1		
<b>Conversion Equipment</b>							
Furnace		n, Extent : Light, Area nent Mechanical Roor Units		* * ': 100%	1	\$4,900	
Terminal Devices							
Air Handler	100%		2030	\$138,400	1	\$6,100	
Air Conditioning							
Energy Source							
Electricity	100%		2038	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	100%		2035	* *	1	\$4,600	
		n, Extent : Light, Area nent Mechanical Roor Unit. R-410a	00	': 100%			
Terminal Devices Air Handler/Dir Expansion	100%		2030	\$110,000	1		
Heat Rejection Dry Cooler	100%		2025	\$53,500	2	\$6,900	
Ventilation							
Distribution	1000/			ماد ماد		<b>\$</b> 0.000	
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$8,800	
Exhaust Fans Interior	80%		2030	¢29.000	2	\$200	
Roof	20%		2030	\$28,000 * *	2 2	\$200 \$100	
lumbing	2070		2035		2	\$100	
H/C Water Piping Brass/Copper	100%		2040	* *	1		
Water Heater Electric	100%		2028	\$8,700	4	\$100	
Sanitary Piping Cast Iron	100% 0-2	\$7,200	LIFE	* *	1		
		d, Extent : Moderate, . r Backs Up To 1st Flo					
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
Sump Pump(s) Non-Submersible	100%		2030	\$1,500	4	\$300	
Sewage Ejector(s) Electric	100%		2035	* *	4	\$400	

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

### Asset # : 13278

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%			
	Obsolete Fixtures, Extent : Moderate, A	Irea Affected : 30%		
	Location : Toilets In No.2 Restroom			
Fire Suppression				
Sprinkler				
No Component	95%			
Generic	5%	2050 **	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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### Page: 30

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

BELLEROSE BRANCH LIBRARY		
250-06 HILLSIDE AVE.		
QUEENS	Agency's Number	: BL
QPL0B09.000 / 13280	Yr Built/Renovated	÷ 1978 /
6,908	Project Type	: QUEENS PUBLIC LIBRARY
06-May-2016	Landmark Status	: NONE
Floors 1		
8604 Lot : 85	BIN	: 4175514
	250-06 HILLSIDE AVE. QUEENS QPL0B09.000 / 13280 6,908 06-May-2016 Floors 1	250-06 HILLSIDE AVE.QUEENSAgency's NumberQPL0B09.000 / 13280Yr Built/Renovated6,908Project Type06-May-2016Landmark StatusFloors 1

### CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$9,200		\$600	
Interior Architecture		\$3,900	\$300	\$5,500
Electrical	\$600	\$7,900	\$900	\$600
Mechanical	\$200	\$400	\$3,000	\$400
Total	\$10,100	\$12,100	\$4,700	\$6,400
Importance Code A	\$9,200	\$100	\$600	
Importance Code B	\$900	\$12,000	\$4,100	\$6,400
Importance Code C				
Total	\$10,100	\$12,100	\$4,700	\$6,400



*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.* 

# **QUEENS PUBLIC LIBRARY - 039 BELLEROSE BRANCH LIBRARY**

#### Asset #: 13280

Architecture	Current Repair	Μ				
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior						
Exterior Walls Masonry: Brick	100% 4+ \$9,20 Diagonal Cracks, Extent : Light, Are Location : Chimney And At Street	ea Affected : 10%	* *	5	\$14,400	
Windows						
Aluminum	100% Other Observation, Extent : Light, A Location : Throughout Explanation : Thermally Inefficien		* *	5	\$1,200	
Parapets						
Masonry: Brick	95%	LIFE	* *	5	\$400	
Pre-Cast Concrete	5% Now Jnt Mortar Miss/Erod, Extent : Mod Location : Coping Open Joints, Extent : Moderate, Are Location : Coping		* *	5	\$100	
Roof						
Not Accessible	100%					
terior						
Floors						
Carpet	75% Recent Installation, Extent : Light, A Location : Main Reading Areas		104,700	3	\$11,600	
Ceramic Tile	5% Recent Replace Evident, Extent : Lig Location : Bathrooms	2040 ht, Area Affected : 1	* * 00%	5	\$500	
Vinyl Tile	20% Recent Replace Evident, Extent : Lig Location : Community Room, Staff		* * 00%	3	\$800	
Interior Walls						
Ceramic Tile	10% Recent Replace Evident, Extent : Lig Location : Bathrooms	2040 ht, Area Affected : 1	* * 00%	5	\$1,000	
Concrete Masonry Unit	60%	LIFE	* *	5	\$2,400	
Gypsum Board	30% Recent Installation, Extent : Light, A Location : Main Reading Area	LIFE rea Affected : 100%	* *	5	\$1,800	
Ceilings	5					
AcousTileSusp.Lay-In	100% Recent Replace Evident, Extent : Lig Location : Throughout	2044 ht, Area Affected : 1	* * 00%	5	\$10,900	
ite Pavements						
Public Sidewalk Cast in Place Concrete	100%	2032	* *			
	10070	2032				

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

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

# QUEENS PUBLIC LIBRARY - 039 BELLEROSE BRANCH LIBRARY

### Asset # : 13280

		Asset # : 13	280				
Electrical	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2047	* *	5	\$200	
	Other Observation, E	-	Affected	1:100%			
	Location : Electrica						
	Explanation : 1- El	ectrical Service Rai	ted At 40	10 Amperes			
Raceway	1000/		2047	* *	1		
Conduit Panelboards	100%		2047		1		
Fused Disc Sw	5%		2043	* *	5		
Molded Case Bkrs	95%		2043	* *	5	\$200	
Wiring	7570		2045		5	\$200	
Thermoplastic	100%		2047	* *	1		
Motor Controllers	10070		2017		1		
Locally Mounted	100%		2040	* *	5		
Ground	10070		2010				
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
Lighting							
Interior Lighting							
Fluorescent	90%		2032	* *	10	\$5,700	
	T-5 Lamps And Fixtu	-	Area Af	fected : 100%			
	Location : Through	out Building					
Fluorescent	10%		2032	* *	10	\$600	
	Compact Fluorescen		ht, Area	Affected : 100%			
	Location : First Flo	oor					
Egress Lighting							
Emergency, Battery	50%		2032	* *	10	\$800	
Exit, Service	50%		2032	* *	1		
Alarm							
Security System	1000/		2022	* *	1	<b>#2</b> (00	
Generic	100%		2032	<u>ት</u> ት	I	\$2,600	
Fire/Smoke Detection	1000/		2022	* *	1.2	¢4 200	
Generic, Digital	100%		2032	• •	1-3	\$4,300	
Mechanical	Current	Repair	Futur	e Replacement	м	aintenance	
System		-					
Component	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Туре	Total (Tears)		F I		(118)		
Heating							
Energy Source							
Natural Gas	100%		2047	* *	1		
<b>Conversion Equipment</b>							
Not Accessible	100%						
Distribution							
Not Accessible	100%						
Terminal Devices							
Convector/Radiator	100%		2040	* *	1	\$2,200	

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

# QUEENS PUBLIC LIBRARY - 039 BELLEROSE BRANCH LIBRARY

### Asset # : 13280

Mechanical		Current Repair	Futur	e Replacement			
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		
<b>Conversion Equipment</b>							
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%						

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

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

2030

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address	: BRIARWOO : 85-12 MAIN					
Borough	: QUEENS			QUEENS	Agency's Number Yr Built/Renovated	: BW
Program / Asset # Area Sq Ft	: QPL0B10.00 : 8,065	0 / 1328.	I		Project Type	: 1975 / 2006 : QUEENS PUBLIC LIBRARY
Date of Survey Areas Surveyed	<ul> <li>: 05-Apr-2016</li> <li>: Basement, Research</li> </ul>		ors 1		Landmark Status	: NONE
Block	: 9651	Lot	:	25	BIN	: 4206518
CAPITAL					FY 2021 - 2024	FY 2025 -
Exterior Architec	ture				\$283,300	

Total	\$57,100	\$19,600	\$8,400	\$2,000
Importance Code C	\$400			
Importance Code B	\$31,300	\$17,900	\$8,000	\$1,600
Importance Code A	\$25,300	\$1,700	\$400	\$400
Total	\$57,100	\$19,600	\$8,400	\$2,000
Mechanical	\$3,600	\$900	\$5,400	\$1,000
Electrical	\$800	\$12,100	\$900	\$800
Interior Architecture	\$27,700	\$5,400	\$2,100	\$300
Exterior Architecture	\$24,900	\$1,200		
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Total		\$283,300		\$170,500
Importance Code B				\$170,500
Importance Code A		\$283,300		
Total		\$283,300		\$170,500
Mechanical				\$89,400
Electrical				\$81,200
		\$205,500		



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

# QUEENS PUBLIC LIBRARY - 039 BRIARWOOD BRANCH LIBRARY

### Asset # : 13281

rchitecture	Current Repair Future Replacemen					M		
zstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cos	t Cycle (Yrs)	Estimated Cost	Priorit
terior								
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	* *		\$2,400	
Windows							<i> </i>	
Aluminum	Air Infiltra Location Weather S Location Other Obs	: Through trip Missin : Through ervation, E	g, Extent : Modera	te, Area . Area Affe	Affected : 100%	* 5	\$900	
			ous Repair Attemp		factory			
Parapets	Елриания	1011.11011	ous Repuir Miemp	i Onsuus <sub>.</sub>	juciory			
Masonry: Brick	Horizontal	Now Cracks, E : Through	\$72,300 extent : Light, Area out	LIFE Affected	* *	* 5	\$3,900	
	Location Misaligned	: Through	Extent : Light, Area					
Pre-Cast Concrete	Cracking/ Location Jnt Mortar Location	: Coping A Miss/Erod : Through	\$1,600 Extent : Moderate At North Parapet d, Extent : Light, At out : Light, Area Affec	rea Affec	ted : 100%	* 5	\$1,300	
		: Through	0 11					
Roof		5						
Modified Bitumen	Location Blisters, E	: Through	lerate, Area Affecte			k		
	Location Patching B	: South Ar Evident, Ex	ings, Extent : Ligh ad West Parapets tent : Moderate, Ai					
	Ponding, 1 Location	: Around I	out derate, Area Affec Roof Drains :tent : Light, Area 2					
		: Through		ijjecieu.	10/0			

#### 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.

# QUEENS PUBLIC LIBRARY - 039 BRIARWOOD BRANCH LIBRARY

Asset # : 13281

rchitecture		Current Repair	Futur	e Replacement	М	aintenance	
stem	% of	Fail Date Estimated Cost	Vear	<b>Estimated</b> Cost	Cycle	<b>Estimated</b> Cost	Priori
Component	Total	(Years)	FY	Estimated Cost	(Yrs)	Estimated Cost	1 1 101 1
Туре		(					
erior							
Floors	<b>2 5 0</b> (		0000	¢ (0, <b>5</b> 00		<b>.</b>	
Carpet	25%		2026	\$40,700	3	\$4,500	
Cast in Place Concrete	10%		LIFE	* *	5	\$2,600	
Ceramic Tile	5%		2036	* *	5	\$600	
Vinyl Tile	40%	<b>Δ</b>	2032	* *	3	\$1,800	
Vinyl Tile	20%	4+ \$400	2032	**	3	\$900	
		issing Elements, Extent : Ligi : Corridor	it, Area A	ffected : 1%			
T / ' 337 11	Location	Corridor					
Interior Walls	50/		LIEE	* *			
Cast in Place Concrete Ceramic Tile	5%		LIFE	* *	5	\$700	
	5% 60%		2036 LIFE	* *	5	\$700 \$2,500	
Concrete Masonry Unit	2%		LIFE	* *	5 5	\$3,500 \$200	
Glass: Single Pane Gypsum Board	2%		LIFE	* *	5	\$2,500 \$2,500	
	2070		LIFE		5	\$2,500	
Ceilings AcousTileSusp.Lay-In	70%		2032	* *	5	\$10,900	
AcousTileSusp.Lay-In AcousTileSusp.Lay-In	20%	2-4 \$26,600	2032	* *	5	\$1,600	
Acous The Susp. Lay-III		2-4 \$20,000 Discoloring, Extent : Moderat			5	\$1,000	
	-	: Community Room, Storage		<i>jjecicu</i> : 2570			
		netration, Extent : Moderate,	-	ected · 15%			
		e: Community Room, Storage					
		ded, Extent : Moderate, Area	-				
		e : Community Room, Storage		. 2070			
	5%		LIFE	* *	5	¢100	
Hypogod (Concrete						\$17M	
Exposed Concrete				* *		\$100 \$1,000	
Exposed Concrete Gypsum Board	5%		LIFE	* *	5	\$100 \$1,000	
-		Current Repair	LIFE	* * e Replacement	5		
Gypsum Board	5%	-	LIFE Futur	e Replacement	5 M	\$1,000 aintenance	Priori
Gypsum Board ectrical stem Component	5%	Fail Date Estimated Cost	LIFE Futur Year		5 M Cycle	\$1,000	Priori
Gypsum Board ectrical stem Component Type	5%	-	LIFE Futur	e Replacement	5 M	\$1,000 aintenance	Priori
Gypsum Board ectrical stem Component Type der 600 Volts	5%	Fail Date Estimated Cost	LIFE Futur Year	e Replacement	5 M Cycle	\$1,000 aintenance	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment	5% % of Total	Fail Date Estimated Cost	LIFE Futur Year FY	e Replacement Estimated Cost	5 Cycle (Yrs)	\$1,000 aintenance Estimated Cost	Priori
Gypsum Board ectrical stem Component Type der 600 Volts	5% % of Total	Fail Date Estimated Cost (Years)	LIFE Futur Year FY 2027	re Replacement Estimated Cost \$1,600	5 M Cycle	\$1,000 aintenance	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment	5% % of Total	Fail Date Estimated Cost (Years)	LIFE Futur Year FY 2027	re Replacement Estimated Cost \$1,600	5 Cycle (Yrs)	\$1,000 aintenance Estimated Cost	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment	5% % of Total 100% Other Obs Location	Fail Date       Estimated Cost (Years)         rervation, Extent : Light, Area         : Electrical Room	LIFE Futur Year FY 2027 a Affected	stimated Cost \$1,600	5 Cycle (Yrs)	\$1,000 aintenance Estimated Cost	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Molded Case Bkrs	5% % of Total 100% Other Obs Location	Fail Date Estimated Cost (Years)	LIFE Futur Year FY 2027 a Affected	stimated Cost \$1,600	5 Cycle (Yrs)	\$1,000 aintenance Estimated Cost	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Molded Case Bkrs Raceway	5% % of Total 100% Other Obs Location Explana	Fail Date       Estimated Cost (Years)         rervation, Extent : Light, Area         : Electrical Room	LIFE Futur Year FY 2027 Affected Disconn	e Replacement Estimated Cost \$1,600 1 : 100%	5 Cycle (Yrs) 5	\$1,000 aintenance Estimated Cost	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Molded Case Bkrs Raceway Conduit	5% % of Total 100% Other Obs Location Explana 50%	Fail Date       Estimated Cost (Years)         rervation, Extent : Light, Area         : Electrical Room	LIFE Futur Year FY 2027 a Affectea Disconn 2037	e Replacement Estimated Cost \$1,600 1 : 100% ect Switch * *	5 Cycle (Yrs) 5	\$1,000 aintenance Estimated Cost	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Molded Case Bkrs Raceway Conduit Conduit	5% % of Total 100% Other Obs Location Explana	Fail Date       Estimated Cost (Years)         rervation, Extent : Light, Area         : Electrical Room	LIFE Futur Year FY 2027 Affected Disconn	e Replacement Estimated Cost \$1,600 1 : 100%	5 Cycle (Yrs) 5	\$1,000 aintenance Estimated Cost	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Molded Case Bkrs Raceway Conduit Conduit Panelboards	5% % of Total 100% Other Obs Location Explana 50% 50%	Fail Date       Estimated Cost (Years)         rervation, Extent : Light, Area         : Electrical Room	LIFE Futur Year FY 2027 Affected Disconn 2037 2027	e Replacement Estimated Cost \$1,600 1: 100% eect Switch * * \$16,600	5 Cycle (Yrs) 5 1 1	\$1,000 aintenance Estimated Cost \$200	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Molded Case Bkrs Raceway Conduit Conduit Panelboards Molded Case Bkrs	5% % of Total 100% Other Obs Location Explana 50% 50%	Fail Date       Estimated Cost (Years)         rervation, Extent : Light, Area         : Electrical Room	LIFE Futur Year FY 2027 Affected Disconn 2037 2027 2026	re Replacement Estimated Cost \$1,600 1 : 100% eect Switch * * \$16,600 \$7,900	5 Cycle (Yrs) 5 1 1 5	\$1,000 aintenance Estimated Cost \$200 \$100	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Molded Case Bkrs Raceway Conduit Conduit Panelboards Molded Case Bkrs Molded Case Bkrs Molded Case Bkrs	5% % of Total 100% Other Obs Location Explana 50% 50%	Fail Date       Estimated Cost (Years)         rervation, Extent : Light, Area         : Electrical Room	LIFE Futur Year FY 2027 Affected Disconn 2037 2027	e Replacement Estimated Cost \$1,600 1: 100% eect Switch * * \$16,600	5 Cycle (Yrs) 5 1 1	\$1,000 aintenance Estimated Cost \$200	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Molded Case Bkrs Raceway Conduit Conduit Panelboards Molded Case Bkrs Molded Case Bkrs Molded Case Bkrs Molded Case Bkrs Molded Case Bkrs Molded Case Bkrs	5% % of Total 100% Other Obs Location Explana 50% 50% 50%	Fail Date       Estimated Cost (Years)         rervation, Extent : Light, Area         : Electrical Room	LIFE Futur Year FY 2027 Affected Disconn 2037 2027 2026 2035	re Replacement Estimated Cost \$1,600 1 : 100% ect Switch ** \$16,600 \$7,900 **	5 M Cycle (Yrs) 5 1 1 1 5 5	\$1,000 aintenance Estimated Cost \$200 \$100	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Molded Case Bkrs Raceway Conduit Conduit Panelboards Molded Case Bkrs Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic	5% % of Total 100% Other Obs Location Explana 50% 50% 50%	Fail Date       Estimated Cost (Years)         rervation, Extent : Light, Area         : Electrical Room	LIFE Futur Year FY 2027 Affected 2037 2027 2026 2035 2037	e Replacement Estimated Cost \$1,600 1: 100% ect Switch ** \$16,600 \$7,900 **	5 M Cycle (Yrs) 5 1 1 5 5 1 1	\$1,000 aintenance Estimated Cost \$200 \$100	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Molded Case Bkrs Raceway Conduit Conduit Panelboards Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic Thermoplastic	5% % of Total 100% Other Obs Location Explana 50% 50% 50%	Fail Date       Estimated Cost (Years)         rervation, Extent : Light, Area         : Electrical Room	LIFE Futur Year FY 2027 Affected Disconn 2037 2027 2026 2035	re Replacement Estimated Cost \$1,600 1 : 100% ect Switch ** \$16,600 \$7,900 **	5 M Cycle (Yrs) 5 1 1 1 5 5	\$1,000 aintenance Estimated Cost \$200 \$100	Priori
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Molded Case Bkrs Raceway Conduit Conduit Panelboards Molded Case Bkrs Molded Case Bkrs Molded Case Bkrs Wiring Thermoplastic	5% % of Total 100% Other Obs Location Explana 50% 50% 50%	Fail Date       Estimated Cost (Years)         rervation, Extent : Light, Area         : Electrical Room	LIFE Futur Year FY 2027 Affected 2037 2027 2026 2035 2037	e Replacement Estimated Cost \$1,600 1: 100% ect Switch ** \$16,600 \$7,900 **	5 M Cycle (Yrs) 5 1 1 5 5 1 1	\$1,000 aintenance Estimated Cost \$200 \$100	Priori

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
### Asset # : 13281

Electrical		ASSet # : 13 Current Repair	-	e Replacement	М		
System Component Type	% of Total	Fail Date Estimated Cost (Years)		Estimated Cost		aintenance Estimated Cost	Priority
Ground							
Grounding Devices							
Generic	Location	ervation, Extent : Severe, Ard : Crawl Space tion : There Is No Ground Wi			5 er.	\$100	
ighting	1		1	0			
Interior Lighting Fluorescent	Location	ervation, Extent : Light, Area : Throughout The Building	2027 Affected	\$76,900 1 : 100%	10	\$6,700	
	-	tion : Using T-12 Lamps					
Fluorescent	-	Fluorescent Light, Extent : Li : First Floor	2027 ght, Area	\$4,300 Affected : 100%	10	\$400	
Incandescent	5%		2027	\$4,300	2		
Egress Lighting Emergency, Battery Exit, Service		4+ Fixtures, Extent : Light, Area : Basement Mechanical Roo		\$5,800 \$600 : 5%	10 1	\$1,000	
Exterior Lighting							
Fluorescent HID	40% 60%		2022 2027	\$10,900 \$19,300	10 10	\$300	
larm Security System Generic	100%		2032	* *	1	\$3,000	
Fire/Smoke Detection Generic, Digital	100%		2032	* *	1-3	\$5,000	
Mechanical		Current Repair	Futur	e Replacement	м	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)		Estimated Cost		Estimated Cost	Priorit
leating 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 Unit Heater - Steam	55% 5%		2040 2027	* * \$1,400	1 4	\$1,400	
ir Conditioning							
Energy Source Electricity	100%		2043	* *	1		

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

Asset # : 13281

lechanical		Current I	Repair	Future Replacement Maintenance			aintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
ir Conditioning										
Conversion Equipment Exterior Pkg Unit - Cooling	30%			2032	* *	2	\$200			
Split Unit	70%			2032	* *					
Distribution	1000/				di di		<b>*</b> 10 <b>*</b> 00			
Ductwork/Diffusers	100%			LIFE	* *	2	\$10,500			
Terminal Devices Air Handler/Dir Expansion	100%			2027	\$89,400	1				
Heat Rejection Air Cooled Condenser Unit	100%			2027	\$16,100	2	\$5,600			
entilation										
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,500			
Exhaust Fans										
Interior	20%			2032	* *	2	\$100			
Roof	80%			2032	<u>ት</u> ት	2	\$200			
lumbing H/C Water Piping Brass/Copper	100%			2047	* *	1				
Water Heater						_				
Gas Fired	Location	ervation, E : Basemen tion : 36 Ga		2025 Affected	\$4,900 1 : 100%	2	\$100			
Sanitary Piping Cast Iron	100%			LIFE	* *	1				
Storm Drain Piping	10070					1				
Cast Iron Cast Iron			\$1,700 loderate, Area Affe nt Crawlspace	LIFE LIFE cted : 80	* * * * %	1 1				
Sump Pump(s)			-	2022	* *	4	<b>#2</b> 00			
Non-Submersible Backflow Preventer	100%			2032		4	\$200			
Backflow Preventer Generic	Location		Extent : Light, Area lain And Boiler Fea Units		* * ! : 100%	1	\$500			
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.

#### Page: 39

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: BROAD CHANNEL BRANCH LIB	SRARY
Address	: 16-26 CROSS BAY BLVD.	
Borough	: QUEENS	Agency's Number : BC
Program / Asset #	: QPL0B11.000 / 13282	Yr Built/Renovated : 1990 / 2008
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 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$32,900		\$2,000	
Interior Architecture	\$100	\$1,100	\$100	
Electrical	\$200	\$9,700	\$200	\$200
Mechanical	\$200	\$100	\$300	\$100
Total	\$33,400	\$10,900	\$2,600	\$300
Importance Code A	\$32,900		\$2,000	
Importance Code B	\$500	\$10,900	\$600	\$300
Importance Code C				
Total	\$33,400	\$10,900	\$2,600	\$300



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

#### Asset # : 13282

		Asset # : 13					
Architecture	C	urrent Repair	Futur	e Replacement	Μ	aintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	1000/ 3	t	0045	ata ata	-	<b>*2 5</b> 00	
Metal Panel		Now \$8,500 sting, Extent : Moderate, A It Base Of Building All Arc		* * cted : 20%	5	\$2,500	
Windows Aluminum	100%		2043	* *	5	\$3,900	
Roof Metal Panel	Broken/Missin Location : C Water Penetry	0-2 \$24,400 ng Elements, Extent : Seve Gutters Misaligned/ Leakin ation, Extent : Moderate, A	g 1rea Affe				
• • •	Location : F	Roof Leaks Evident In Staff	Room				
Interior Floors							
Carpet	75%		2028	\$29,400	3	\$3,300	
Vinyl Tile	25%		2028	\$29,400	3	\$300	
Interior Walls	2370		2033		5	\$500	
Gypsum Board	100%		LIFE	* *	5	\$700	
Ceilings					-	<b>4</b> 7.00	
AcousTileSusp.Lay-In	-	4+ \$100 oloring, Extent : Moderate eaks From Roof In Staff R	-	* * ffected : 2%	5	\$300	
Exposed Struc: Steel	80%		LIFE	* *			
Site Pavements On-Site Walkways Cast in Place Concrete	100%		2040	* *			
Parking/Driveway Asphalt	100%		2036	* *			
Electrical	С	urrent Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fa	il 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		
		nt dollars and are not escalat					

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

#### Asset # : 13282

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	Priorit
ighting							
Interior Lighting	1000/		2022	* *	10	¢1.000	
Fluorescent	100% Motion Se	nsors in Use, Extent : Light,	2032 Area Affe		10	\$1,800	
		: Throughout	in cu nije	cica : 10070			
	T-5 Lamps	And Fixtures, Extent : Light : Throughout	t, Area Afj	fected : 100%			
Egress Lighting							
Emergency, Service	50%		2032	* *	1		
Exit, Service	50%		2032	* *	1		
Exterior Lighting HID	100%		2022	\$7,800	10		
Jarm	100%		2022	\$7,800	10		
Security System							
Generic	100%		2027	\$6,200	1	\$700	
Fire/Smoke Detection	10070			\$0,200	-	\$700	
Generic, Digital	100%		2027	\$21,300	1-3	\$1,200	
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	Priorit
leating							
Energy Source							
Electricity	100%		2053	* *	1		
~					1		
	Recent Re	place Evident, Extent : Light,		ected : 100%	1		
	Recent Re	place Evident, Extent : Light, : Throughout		ected : 100%	1		
Terminal Devices	Recent Re Location		Area Aff				
	Recent Rep Location 5%	: Throughout	Area Aff 2044	* *	1		
Terminal Devices	Recent Rep Location 5% Recent Rep	: Throughout place Evident, Extent : Light,	Area Aff 2044	* *			
Terminal Devices Convector/Radiator	Recent Rep Location 5% Recent Rep Location	: Throughout	Area Aff 2044 Area Aff	* * ected : 100%	1	\$600	
Terminal Devices	Recent Rep Location S% Recent Rep Location 95%	: Throughout place Evident, Extent : Light, : 1st Floor	Area Aff 2044 Area Aff 2035	* * Sected : 100% * *		\$600	
Terminal Devices Convector/Radiator	Recent Rep Location 5% Recent Rep Location 95% Recent Rep	: Throughout place Evident, Extent : Light,	Area Aff 2044 Area Aff 2035	* * Sected : 100% * *	1	\$600	
Terminal Devices Convector/Radiator Fan Coil Unit/Heat	Recent Rep Location 5% Recent Rep Location 95% Recent Rep	: Throughout place Evident, Extent : Light, : 1st Floor place Evident, Extent : Light,	Area Aff 2044 Area Aff 2035	* * Sected : 100% * *	1	\$600	
Terminal Devices Convector/Radiator	Recent Rep Location 5% Recent Rep Location 95% Recent Rep Location	: Throughout place Evident, Extent : Light, : 1st Floor place Evident, Extent : Light,	Area Aff 2044 Area Aff 2035	* * Sected : 100% * *	1	\$600	
Terminal Devices Convector/Radiator Fan Coil Unit/Heat	Recent Rep Location 5% Recent Rep Location 95% Recent Rep Location	: Throughout place Evident, Extent : Light, : 1st Floor place Evident, Extent : Light, : 1st Floor	Area Aff 2044 Area Aff 2035 Area Aff 2049	** ected : 100% ** ected : 100% **	1	\$600	
Terminal Devices Convector/Radiator Fan Coil Unit/Heat ir Conditioning Energy Source	Recent Rep Location 5% Recent Rep Location 95% Recent Rep Location 100% Recent Rep	: Throughout place Evident, Extent : Light, : 1st Floor place Evident, Extent : Light, : 1st Floor place Evident, Extent : Light,	Area Aff 2044 Area Aff 2035 Area Aff 2049	** ected : 100% ** ected : 100% **	1	\$600	
Terminal Devices Convector/Radiator Fan Coil Unit/Heat ir Conditioning Energy Source Electricity	Recent Rep Location 5% Recent Rep Location 95% Recent Rep Location 100% Recent Rep	: Throughout place Evident, Extent : Light, : 1st Floor place Evident, Extent : Light, : 1st Floor	Area Aff 2044 Area Aff 2035 Area Aff 2049	** ected : 100% ** ected : 100% **	1	\$600	
Terminal Devices Convector/Radiator Fan Coil Unit/Heat Air Conditioning Energy Source Electricity Conversion Equipment	Recent Rej Location 5% Recent Rej Location 95% Recent Rej Location 100% Recent Rej Location	: Throughout place Evident, Extent : Light, : 1st Floor place Evident, Extent : Light, : 1st Floor place Evident, Extent : Light,	Area Aff 2044 Area Aff 2035 Area Aff 2049 Area Aff	* * ected : 100%  ** ected : 100%  ** ected : 100%	1 1 1		
Terminal Devices Convector/Radiator Fan Coil Unit/Heat ir Conditioning Energy Source Electricity	Recent Rep Location 5% Recent Rep Location 95% Recent Rep Location 100% Recent Rep Location	: Throughout place Evident, Extent : Light, : Ist Floor place Evident, Extent : Light, : Ist Floor place Evident, Extent : Light, : Throughout	Area Aff 2044 Area Aff 2035 Area Aff 2049 Area Aff 2031	** ected : 100% ** ected : 100% ** ected : 100% **	1	\$600	
Terminal Devices Convector/Radiator Fan Coil Unit/Heat Air Conditioning Energy Source Electricity Conversion Equipment	Recent Rep Location 5% Recent Rep Location 95% Recent Rep Location 100% Recent Rep Location 60% Recent Rep	: Throughout place Evident, Extent : Light, : Ist Floor place Evident, Extent : Light, : Ist Floor place Evident, Extent : Light, : Throughout place Evident, Extent : Light,	Area Aff 2044 Area Aff 2035 Area Aff 2049 Area Aff 2031	** ected : 100% ** ected : 100% ** ected : 100% **	1 1 1		
Terminal Devices Convector/Radiator Fan Coil Unit/Heat Air Conditioning Energy Source Electricity Conversion Equipment Heat Pump Air Sourced	Recent Rej Location 5% Recent Rej Location 95% Recent Rej Location 60% Recent Rej Location	: Throughout place Evident, Extent : Light, : Ist Floor place Evident, Extent : Light, : Ist Floor place Evident, Extent : Light, : Throughout	Area Aff 2044 Area Aff 2035 Area Aff 2049 Area Aff 2031 Area Aff	** ected : 100% ** ected : 100% ** ected : 100% ** ected : 100%	1 1 1		
Terminal Devices Convector/Radiator Fan Coil Unit/Heat Air Conditioning Energy Source Electricity Conversion Equipment	Recent Rep Location 5% Recent Rep Location 95% Recent Rep Location Recent Rep Location 60% Recent Rep Location 40%	: Throughout place Evident, Extent : Light, : Ist Floor place Evident, Extent : Light, : Ist Floor place Evident, Extent : Light, : Throughout place Evident, Extent : Light,	Area Aff 2044 Area Aff 2035 Area Aff 2049 Area Aff 2031 Area Aff 2035	** ected : 100% ** ected : 100% ** ected : 100% ** ected : 100% **	1 1 1		

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

#### Asset # : 13282

Mechanical	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Est FY	imated 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 Affected	l : 100%			
	Location : 1st Floor					
Ventilation Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$1,100	
	Recent Replace Evident, Extent : Li	ght, Area Affected	l : 100%			
	Location : 1st Floor					
Exhaust Fans						
Interior	100%	2035	* *	2	\$100	
	Recent Replace Evident, Extent : Li Location : 1st Floor	ght, Area Affected	l : 100%			
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2053	* *	1		
Water Heater						
Electric	100%	2026	\$1,700	4		
	Other Observation, Extent : Light, 2 Location : 1st Floor	Area Affected : 10	0%			
	Explanation : 1-10 Gallon					
Sanitary Piping	<u>^</u>					
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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed	<ul> <li>40-20 BR</li> <li>QUEENS</li> <li>QPL0B12</li> <li>17,814</li> <li>07-Jun-20</li> </ul>	2.000 / 13283		: BR : 1958 / 2007 : QUEENS PUBLIC LI : NONE	IBRARY
Block	: 676	Lot : 50	BIN	: 4011018	
CAPITAL			FY 2021 - 2024		FY 2025 - 2030
Interior Architect	ure		\$24,000		¢71.000
Electrical					\$71,200
Total			\$24,000		\$71,200
Importance Code	В		\$24,000		\$71,200
Total			\$24,000		\$71,200
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture	\$27,700		\$2,300	\$3,600
Interior Architect	ure	\$12,600		\$3,000	\$4,800
Electrical		\$22,000	\$1,300	\$4,900	\$1,500
Mechanical		\$2,700	\$1,600	\$4,100	\$2,100
Site Enclosure		\$800			
Site Pavements		\$15,600			

Total	\$81,300	\$3,000	\$14,200	\$12,000
Importance Code A	\$28,600	\$900	\$3,400	\$4,500
Importance Code B	\$49,700	\$2,100	\$10,900	\$7,500
Importance Code C	\$3,100			
Total	\$81,300	\$3,000	\$14,200	\$12,000



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

Asset # : 13283

rchitecture	Current Repair Future Replacement Maintenance					aintenance		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
terior								
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		Now	\$600	2048	* *	5	\$300	
			s, Extent : Moderat	e, Area A	Affected : 10%			
	Location	: Coping A	At Upper Parapet					
Roof	1000/	N	<b>007</b> 100	0000	* *			
Modified Bitumen		Now	\$27,100	2036				
			tent : Moderate, A	rea Affec	cted : 10%			
		: Over Sec		4 4.00	. 1 100/			
		etration, E. : Over Sec	xtent : Moderate, 2	area Affe	cted : 10%			
<u> </u>	Location	: Over sec	cona Floor					
Soffits	1000/			LIPP	* *	-		
Cast in Place Concrete	100%			LIFE	• •	5		
erior Floors								
Carpet	20%			2029	\$72,000	3	\$8,000	
Carpet	20% 30%			2029	\$108,000	3	\$16,000	
Cast in Place Concrete	5%			LIFE	\$100,000	5	\$2,900	
Ceramic Tile	5%			2041	* *	5	\$1,300	
Terrazzo	5%			LIFE	* *	5	\$1,000	
Vinyl Tile	10%			2023	\$24,000	3	\$1,000	
v myr rne		ervation F	Txtent : Moderate, A			5	\$1,000	
			um Basement	11 eu 1199e				
		tion: $9X9$						
Vinyl Tile	25%			2036	* *	3	\$3,300	
Interior Walls	2370			2030		5	\$5,500	
Ceramic Tile	5%			2041	* *	5	\$900	
Concrete Masonry Unit	10%			LIFE	* *	5	\$900 \$700	
Glass: Single Pane	5%			LIFE	* *	5	\$700 \$700	
Glazed Ceramic Panel	10%			LIFE	* *	5	\$700	
Gypsum Board	25%			LIFE	* *	5	\$2,800	
Plaster	45%			LIFE	* *	5	\$2,500	
Ceilings	т <i>3</i> /0					5	φ2,500	
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	
1 145001		etration F	xtent : Moderate, 2		cted · 10%	5	\$0,700	
		: Second H						

#### Site Enclosure

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

Asset # : 13283

		Asset # 13	203				
	Current	Repair	Futur	e Replacement	M	laintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Corrosion							
	-	-					
-	-	-	2048 ea Affecte	* * ed : 20%			
Cracking/	Crumbling,	Extent : Light, Are					
-	-		2033 , Area A	* * ffected : 30%			
-	-		2033 , Area A	* * ffected : 30%			
	Current	Repair	Futur	e Replacement	N	laintenance	
% of							Priorit
Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	1110110
1000/			•	¢1.(00	-	<b>* =</b> • •	
					5	\$500	
			area Ajje	ectea : 100%			
Елрини	100 . 1 100	too miliperes					
100%			2028	\$34,200	5	\$500	
				+,		4000	
70%			2028	\$23,200	1		
30%			2048	* *	1		
5%			2027	\$800	5		
65%			2027	\$10,300	5	\$300	
30%			2044	* *	5	\$100	
70% Insulation	2-4 Aged Exte	\$20,500 ent : Severe Area A	2053	**	1		
	-		gjecieu .	10070			
	-	out The Building	2048	**	1		
	Total           100%           Corrosion,           Location           100%           Cracking/           Location           100%           Other Obs           Location           100%           Other Obs           Location           100%           70%           30%           5%           65%           30%	% of Fail Date Total (Years)         100%         Corrosion/Rusting, E Location : Rear Of         100%       4+         Cracking/Crumbling, Location : Rear Of         100%       4+         Cracking/Crumbling, Location : Broadwa         100%       4+         Cracking/Crumbling, Location : Rear Of         100%       4+         70%       5%         65%       30%         70%       2-4	Current Repair         % of Fail Date Estimated Cost Total (Years)         100%         Corrosion/Rusting, Extent : Light, Area Location : Rear Of Building         100% 4+       \$800         Cracking/Crumbling, Extent : Light, Area Location : Rear Of Building         100% 4+       \$4,400         Cracking/Crumbling, Extent : Light, Area Location : Broadway         100% 4+       \$2,600         Cracking/Crumbling, Extent : Moderate Location : Broadway         100% 4+       \$8,600         Cracking/Crumbling, Extent : Moderate Location : Rear Of Building         100% 4+       \$8,600         Cracking/Crumbling, Extent : Moderate Location : Rear Of Building         100% 4+       \$8,600         Cracking/Crumbling, Extent : Moderate Location : Rear Of Building         100% 4+       \$8,600         Cracking/Crumbling, Extent : Moderate Location : Rear Of Building         100% 0       Cherent Repair         % of Fail Date Estimated Cost Total (Years)         100%       Nother Observation, Extent : Moderate, A Location : Electrical Room Explanation : Two 400 Amperes         100%       5%         65%       30%         5%       65%         30%       2-4	% of TotalFail Date (Years)SymmetryYear FY100%2048Corrosion/Rusting, Extent : Light, Area Affected Location : Rear Of Building2048100%4+\$8002048Cracking/Crumbling, Extent : Light, Area Affected Location : Rear Of Building2041100%4+\$4,4002041Cracking/Crumbling, Extent : Light, Area Affected Location : Rear Of Building2033100%4+\$2,6002033Cracking/Crumbling, Extent : Moderate, Area Affected Location : Rear Of Building2033100%4+\$8,6002033Cracking/Crumbling, Extent : Moderate, Area Affected Location : Rear Of BuildingYear FY100%4+\$8,6002033Cracking/Crumbling, Extent : Moderate, Area Affected Location : Rear Of BuildingYear FY100%4+\$8,6002033Cracking/Crumbling, Extent : Moderate, Area Affected Location : Rear Of BuildingYear FY100%202820480ther Observation, Extent : Moderate, Area Affected Location : Electrical Room Explanation : Two 400 Amperes2028100%202820485%2027 65% 30%2027 65% 202730%2-4\$20,5002053	Current RepairFuture Replacement% of TotalFail Date (Years)Year FyEstimated Cost Fy100%2048**100%2048**Corrosion/Rusting, Extent : Light, Area Location : Rear Of Building**100%4+\$8002048**100%4+\$8002048**Cracking/Crumbling, Extent : Light, Area Location : Rear Of Building**100%4+\$4,4002041**100%4+\$4,4002041**Cracking/Crumbling, Extent : Light, Area Location : Broadway2033**100%4+\$2,6002033**Cracking/Crumbling, Extent : Moderate, Area Location : Rear Of Building2033**100%4+\$8,6002033**Cracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : Rear Of BuildingYear 	Current RepairFuture ReplacementM% of TotalFail Date Estimated Cost (Years)Year FYEstimated Cost FYCycle (Yrs)100%2048***100%2048***Corrosion/Rusting, Extent : Light, Area Affected : 20% Location : Rear Of Building2048***100%4+\$8002048***100%4+\$8002041***100%4+\$2,6002033**100%4+\$2,6002033**100%4+\$2,6002033**100%4+\$2,6002033**100%4+\$2,6002033**100%4+\$2,6002033**100%4+\$2,6002033**100%4+\$2,6002033**100%4+\$2,6002033**100%4+\$2,6002033**100%4+\$2,6002033**100%4+\$2,6002033**100%4+\$2,6002033**100%2028\$1,600\$1,600100%2028\$1,600\$2,71100%2028\$23,200\$1100%2028\$23,200\$1100%2028\$23,200\$1100%2028\$23,200\$1100%2028\$23,200\$1100%2028\$23,200\$130%	Current Ropair       Future Roplacement       Maintenance         % of Fail Date Estimated Cost Total       Year Estimated Cost FY       Cycle       Estimated Cost (Yrs)         100%       2048       **         corrosion/Rusting, Extent : Light, Area Affected : 20% Location : Rear Of Building       **         100%       4+       \$800       2048       **         Cracking/Crumbling, Extent : Light, Area Affected : 20% Location : Rear Of Building       **          100%       4+       \$2,600       2033       **         Cracking/Crumbling, Extent : Light, Area Affected : 30% Location : Broadway       2033       **         100%       4+       \$2,600       2033       **         Cracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : Rear Of Building       **          100%       4+       \$2,600       2033       **         Cracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : Rear Of Building       **          100%       4+       \$2,600       2033       **         100%       5       \$500          100%       2028       \$1,600       \$5       \$500         100%       2028       \$34,200       \$5       \$500         100%

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

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

#### Asset # : 13283

Electrical	Current Repair	Current Repair Future Replacement Maintenance					
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Inder 600 Volts						•	
Motor Controllers							
Locally Mounted	100%	2041	* *	5	\$100		
fround							
Grounding Devices			ala ala	_	<b>**</b>		
Generic	100%	LIFE	* *	5	\$300		
ighting							
Interior Lighting Fluorescent	10%	2033	* *	10	\$1,600		
Fuorescent	T-8 Lamps And Fixtures, Exte		a Affected · 100%	10	\$1,000		
	Location : Basement	<i>m</i> . <i>model die</i> , <i>m</i> et	<i>i nyjecicu</i> : 10070				
Elucroscont	80%	2038	* *	10	\$13,100		
Fluorescent	8076 T-8 Lamps And Fixtures, Exte			10	\$15,100		
	Location : Throughout The		<i>i 11jjecicu</i> : 10070				
Elucroscont	10%	2033	* *	10	\$1.600		
Fluorescent	Other Observation, Extent : N			10	\$1,600		
	Location : Throughout The	00	cieu . 10070				
	Explanation : Compact Flue	0					
Egress Lighting		si eseenti 1 antai es					
Emergency, Battery	30%	2028	\$7,600	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	\$71,200	10	\$100		
Alarm							
Security System							
No Component	30%						
Generic	70%	2033	* *	1	\$4,700		
	Other Observation, Extent : N		cted : 100%				
	Location : Throughout The	-					
Fire/Smoke Detection	Explanation : CCTV Survei	nance Cameras					
No Component	30%						
Generic, Digital	70%	2033	* *	1-3	\$7,900		
	,0,0	2000		15	\$7,900		
Mechanical	Current Repair	Future	e Replacement	Μ	aintenance		
System	% of Fail Date Estima	ted Cost Vear	Estimated Cost	Cycle	Estimated Cost	Priority	
Component Type	Total (Years)	FY	Estimated Cost	(Yrs)	Estimated Cost	THOTHY	
Heating							
Energy Source							
Natural Gas	100%	2048	* *	1			
Conversion Equipment							
Hot Water Boiler	100%	2041	* *	1	\$8,800		
	Other Observation, Extent : 1		: 100%				
	Location : Basement Boiler	Koom					
	Explanation : 1 Unit						

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

Asset # : 13283

Mechanical		Current Repair	Future	Replacement	Μ	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Distribution							
Hot Wtr Piping/Pump	100%		2036	* *	4	\$900	
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	
cooling	Other Obse	rvation, Extent : Light, Area	Affected :	70%			
		One On Lower Roof, Anoth					
	Explanati	on : 2 Units With R-410a Re	frigerant	-			
Split Unit	30%		2033	* *			
Terminal Devices	2070		2000				
Fan Coil - 2 Pipe	30%		2033	* *	1	\$1,700	
No Component	70%					4 )	
Heat Rejection							
Dry Cooler	30%		2033	* *	2	\$3,700	
No Component	70%					-	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$9,900	
Exhaust Fans							
Interior	50%		2033	* *	2	\$300	
Roof	50%		2033	* *	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2048	* *	1		
Water Heater					-		
Gas Fired	100%		2027	\$10,800	2	\$300	
Sanitary Piping	1000/		TIPP	* *	1		
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	1000/		TIPP	* *	1		
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer	000/						
No Component	90%		2022	* *	1	<b>0100</b>	
Generic	10% Other Obse	mation Extant . Light Amo	2033		1	\$100	
		rvation, Extent : Light, Area Boiler Room	Affected :	1070			
		on : For Boiler Only					
Fixtures	влриании	on . For Bouer Only					
Generic	100%						
Vertical Transport	100/0						

Vertical Transport

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

Asset # : 13283

Mechanical	Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport						•
Elevators						
Hydraulic	100%	LIFE	* *			
-	Other Observation, Extent : Light, Area	Affected	: 100%			
	Location : Basement To 2nd Floor					
	Explanation : Basement To 2nd Floor					

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

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address	: CAMBRIA HEIGHTS COMMUNITY LIBRARY : 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 2021 - 2024	FY 2025 - 2030
Mechanical		\$696,500
Total		\$696,500
Importance Code B		\$696,500
Total		\$696,500

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$7,500		\$13,300	\$4,500
Interior Architecture	\$2,200		\$7,700	\$1,100
Electrical	\$1,500	\$1,200	\$20,800	\$1,800
Mechanical	\$13,300	\$2,800	\$7,000	\$6,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$28,500	\$7,900	\$52,900	\$17,300
Importance Code A	\$8,500	\$900	\$14,300	\$5,500
Importance Code B	\$19,600	\$7,000	\$38,600	\$11,800
Importance Code C	\$500			



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

#### Asset # : 14110

Architecture		Current Repair Future Replacement Maintenance			aintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
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	10%	Now	\$7,500	2036	* *			
			ings, Extent : Mod		ea Affected : 25%			
		0	Over Northeast Con					
			xtent : Moderate, 2		ected : 10%			
			rtheast Corner In (					
Madified Ditumon	90%				* *	10	\$22 600	
Modified Bitumen	90%			2036		10	\$23,600	
terior								
Floors	55%			2029	¢200.000	2	¢22.200	
Carpet Cast in Place Concrete	10%				\$209,000 * *	3	\$23,200	
				LIFE	* *	5	\$6,200	
Ceramic Tile	5%			2041	* *	5	\$1,400	
Vinyl Tile	30%			2036	-11-	3	\$4,200	
Interior Walls	100/				* *			
Cast in Place Concrete	10%			LIFE	* *	_	<b>*</b> • • • •	
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	
	-	-	Extent : Moderate	e, Area A	ffected : 5%			
	Location	: Basemer	t Corridor					
Exposed Struc: Steel	5%			LIFE	* *			
te Enclosure								
Fence/Gates								
Iron Picket	100%			2063	* *			
te Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2041	* *			
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
vstem	0/ 6							D
Component	70 01	ran Date	<b>Estimated</b> Cost	rear	<b>Estimated Cost</b>	Cycie	<b>Estimated</b> Cost	Priori

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

Under 600 Volts

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

#### Asset # : 14110

Electrical		Current Repair	Futur	e Replacement	М	laintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Service Equipment							
Fused Disc Sw	90%		2054	* *	5	\$100	
	Location	ervation, Extent : Moderate, . e : Electrical Room					
	Explana	tion : One 1200 Amperes Mai	n Discon	nect Switch			
Fused Disc Sw	10%		2048	* *	5		
		ervation, Extent : Moderate, . a : Electrical Room	Area Affe	ected : 100%			
	Explana	tion : One 200 Amperes Main	Disconn	ect Switch For Em	ergency		
Switchgear / Switchboard							
Fused Disc Sw	100%		2048	* *	5	\$100	
Raceway							
Conduit	100%		2048	* *	1		
Panelboards							
Fused Disc Sw	10%		2044	* *	5		
Molded Case Bkrs	90%		2044	* *	5	\$400	
Wiring							
Thermoplastic	100%		2048	* *	1		
Motor Controllers					_	*	
Locally Mounted	100%		2041	* *	5	\$100	
round							
Grounding Devices	1000/		LIDE	* *	-	<b>\$3</b> 00	
Generic	100%		LIFE	· · ·	5	\$300	
ighting							
Interior Lighting	30%		2033	* *	10	¢5 200	
Fluorescent					10	\$5,200	
	Location	s And Fixtures, Extent : Mode : Throughout The Building					
Fluorescent	30%		2033	* *	10	\$5,200	
		s And Fixtures, Extent : Mode a : Throughout The Building	rate, Are	a Affected : 100%			
Fluorescent	40%		2033	* *	10	\$6,900	
	Other Obs	ervation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location	: Throughout The Building					
	Explana	tion : Compact Fluorescent L	amps				
Egress Lighting							
Emergency, Battery	50%		2033	* *	10	\$2,300	
Exit, LED	50%		2056	* *	1		
Exterior Lighting							
HID	100%		2033	* *	10	\$100	
larm							
Security System							
No Component	30%						
Generic	70%		2033	* *	1	\$4,900	
		ervation, Extent : Moderate,	Area Affe	ected : 100%			
		: Throughout The Building					
		tion : CCTV Surveillance Can urrent dollars and are not escala					

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

Asset # : 14110

ASSet # . 14110								
Electrical		Current I	Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2033	* *	1-3	\$8,400	
Mechanical		Current I	Repair	Futur	e Replacement	Μ	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%			2054	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2041	* *	1	\$9,300	
	Location	: Basemen	Extent : Light, Area nt Boiler Room :+	Affected	: 100%			
Distribution	Explana	tion : 1 Un						
Hot Wtr Piping/Pump	100%			2044	* *	4	\$900	
Terminal Devices								
Air Handler	90%			2033	* *	1	\$10,500	
Convector/Radiator	10%			2041	* *	1	\$600	
Air Conditioning Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment	10070			2000		-		
Interior Pkg Unit - Cooling	100%			2029	\$696,500	2	\$1,200	
Heat Rejection								
Dry Cooler	100%			2033	* *	2	\$13,100	
Ventilation								
Distribution	1000/			LIPP	* *	25	¢10 500	
Ductwork/Diffusers Exhaust Fans	100%			LIFE		2-5	\$10,500	
Interior	70%			2033	* *	2	\$400	
Roof	30%			2033	* *	2	\$200	
Plumbing	2070					-	<i>\</i>	
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater								
Gas Fired	100%			2026	\$11,400	2	\$300	
Sanitary Piping	1000/	N	<b>\$</b> < 000	LIPP	* *	1		
Cast Iron		Now	\$6,800 nt : Moderate, Are	LIFE a Affacta		1		
	•	-	nt : Moaerate, Are ing Not Working P		u. J70			
Storm Drain Piping	20041101	<i></i> 1 <i>ip</i>		Sporty				
Cast Iron	100%			LIFE	* *	1		

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

Asset # : 14110

Mechanical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estim FY		Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sump Pump(s) Non-Submersible	100%	2033	* *	4	\$600	
Sewage Ejector(s) Electric	100%	2033	* *	4	\$1,100	
Backflow Preventer Generic	100%	2036	* *	1	\$1,200	
Fixtures Generic	100%					
Vertical Transport						
Elevators	1000/		* *			
Hydraulic	100% Other Observation, Extent : Lig Location : Basement To 1st Fl Explanation : One Unit	•••				
Fire Suppression						
Standpipe Generic	100%	2054	* *	1-5	\$9,800	
Sprinkler No Component	70%				<i>~,</i>	
Generic	30%	2054	* *	1-2	\$1,600	

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

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: CORONA BRANCH LIBRARY		
Address	: 38-23 104TH ST.		
Borough	: QUEENS	Agency's Number	: C
Program / Asset #	: QPL0C14.000 / 13284	Yr Built/Renovated	: 1968 / 2005
Area Sq Ft	: 7,080	Project Type	: QUEENS PUBLIC LIBRARY
Date of Survey	: 04-Oct-2018	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1		
Block	: 1775 Lot : 71	BIN	: 4044596

CAPITAL		FY 2021 - 2024		FY 2025 - 2030
Exterior Architecture		\$89,100		
Electrical				\$110,000
Mechanical				\$87,800
Total		\$89,100		\$197,900
Importance Code A		\$89,100		
Importance Code B				\$197,900
Total		\$89,100		\$197,900
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$8,300		\$9,300	
Interior Architecture	\$9,100		\$4,400	
Electrical	\$12,200	\$300	\$400	\$400
Mechanical	\$3,800	\$1,500	\$1,200	\$1,500
Total	\$33,500	\$1,900	\$15,200	\$2,000
Importance Code A	\$8,700	\$400	\$9,700	\$400
Importance Code B	\$19,400	\$1,500	\$5,600	\$1,600
Importance Code C	\$5,400			
Total	\$33,500	\$1,900	\$15,200	\$2,000



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

Asset # : 13284

Architecture		Current Repair	Futur	e Replacement	Μ	laintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior			•				•
Exterior Walls							
Masonry: Brick	75%		LIFE	* *	5	\$15,100	
Metal Panel	10%		2050	* *	5-10	\$6,900	
Window Wall	15%		2050	* *	5	\$5,700	
Windows							
Aluminum	100%		2046	* *	5	\$1,600	
Roof	4.50 (		0040	ate ate	10	<b>\$6.200</b>	
Metal Panel	45%	NT (00.100	2043	* *	10	\$9,300	
Modified Bitumen		Now \$89,100	2040				1
		aged Flashings, Extent : Seve	ere, Area	Affected : 10%			
		: Over Multi-purpose Room	1.00	1 200/			
		etration, Extent : Severe, Are : Multi-purpose Room, Libro					
	Location	. Mulli-purpose Room, Libro	irians Are	ea			
terior Floors							
Cast in Place Concrete	5%		LIFE	* *	5	\$1,500	
Ceramic Tile	3%		2043	* *	5	\$200	
Granite Panels	5%		LIFE	* *	5	\$200 \$500	
Vinyl Tile	87%		2038	* *	3	\$2,300	
Interior Walls	0770		2050		5	\$2,500	
Concrete Masonry Unit	70%		LIFE	* *	5	\$5,500	
Glass: Single Pane	3%		LIFE	* *	5	\$400	
Gypsum Board	20%		LIFE	* *	5-10	\$3,300	
Masonry: Brick	5%		LIFE	* *	10	\$100	
Metal Panel	2%		LIFE	* *	10	\$100	
Ceilings	_,,,		2.11 2		10	<b>\$100</b>	
AcousTileConcealSpLn	80%		2043	* *	5	\$7,000	
1		iscoloring, Extent : Moderat	e, Area A	ffected : 15%	-	+ - )	
		: Reading Area	·				
	Water Pen	etration, Extent : Severe, Are	a Affecte	d : 10%			
	Location	: Multi-purpose Room, Libro	arians Off	fice			
Exposed Concrete	5%		LIFE	* *	5-10	\$400	
Gypsum Board	15%		LIFE	* *	5-10	\$3,600	
te Pavements						·- /- ·	
Public Sidewalk							
Cast in Place Concrete	100%		2043	* *			
lectrical		Current Repair	Futur	e Replacement	Μ	laintenance	
ystem	% of	Fail Date Estimated Cost	Year	<b>Estimated</b> Cost	Cycle	<b>Estimated</b> Cost	Priorit
Component	Total	(Years)	FY		(Yrs)		
Type	[						
nder 600 Volts							
Service Equipment Molded Case Bkrs	100%		2030	\$1,600	5	\$200	
MOIDED CASE DKIS		ervation, Extent : Light, Area			5	\$200	
		: Electrical Room Basement	i i jjecieu	. 100/0			
	Locunon	. Electrical Room Dasement					

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

Asset # : 13284

Electrical		Current Re	pair	Futur	e Replacement	М	Maintenance	
System	% of		Estimated Cost		Estimated Cost		Estimated Cost	Priority
Component	Total	(Years)		FY	Litillated Cost	(Yrs)	Listimuteu Cost	11101103
Туре								
Under 600 Volts								
Switchgear / Switchboard Molded Case Bkrs	100%			2030	\$34,200	5	\$200	
Raceway	10070			2050	\$34,200	5	\$200	
Conduit	40%			2030	\$13,300	1		
Conduit	60%			2040	* *	1		
Panelboards								
Fused Disc Sw	5%			2029	\$800	5		
Molded Case Bkrs	40%			2029	\$6,300	5	\$100	
Molded Case Bkrs	55%			2038	* *	5	\$100	
Wiring								
Braided Cloth	40%	2-4	\$11,700	2055	* *	1		
		-	: Moderate, Are	ea Affecte	ed : 100%			
		: Basement						
Thermoplastic	40%			2030	\$11,700	1		
Thermoplastic	20%			2040	* *	1		
Motor Controllers	1000/			2020	¢1( 000	-		
Locally Mounted	100%			2028	\$16,000	5		
Ground Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting	10070			LIIL		5	\$200	
Interior Lighting								
Fluorescent	55%			2030	\$41,200	10	\$3,600	
	T-5 Lamps	And Fixture	s, Extent : Light,	Area Af	fected : 100%			
	Location	: Throughou	t The Building					
Fluorescent	30%			2030	\$22,500	10	\$1,900	
	T-8 Lamps	And Fixture	s, Extent : Light,	Area Af	fected : 100%		-	
	Location	: Throughou	t The Building					
Fluorescent	10%			2030	\$7,500	10	\$600	
	Other Obs	ervation, Ext	ent : Light, Area	Affected				
	Location	: Throughou	t The Building					
	Explanat	ion : Compa	ct Fluorescent L	ight Fixtı	ures			
HID	5%			2030	\$2,600	10		
Egress Lighting								
Emergency, Battery	50%			2030	\$5,100	10	\$900	
Exit, LED	50%			2045	* *	1		
Exterior Lighting	=00 (			0000	<b>414 100</b>	10		
HID N. C.	50%			2030	\$14,100	10		
No Component	50%							
Alarm Security System								
No Component	50%							
Generic	50%			2030	\$11,300	1	\$1,300	
Generie		ervation. Ext	ent : Light, Area			1	φ1,500	
			Outside Of The					
	Explana		-					

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

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

Asset # : 13284

		4	A5561#. IJ	207				
Electrical		Current R	epair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm Fire/Smoke Detection No Component Generic, Digital	50% 50%			2030	\$38,800	1-3	\$2,200	
Mechanical		Current R	epair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total		Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Energy Source Natural Gas	100%			2040	* *	1		
Conversion Equipment Furnace	100% Other Obs Location		tent : Light, Area	2030 Affected	\$16,500 1 : 100%	1	\$3,500	
		e e	ftop Package Unit					
Air Conditioning Energy Source Electricity	100%			2038	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%			2030	\$87,800	2	\$400	
	-	gerant, Exte : 1 Unit. Ro	ent : Light, Area A oof	ffected :	100%			
Heat Rejection Air Cooled Condenser Unit	100%			2030	\$14,100	2	\$4,900	
Ventilation Distribution Ductwork/Diffusers			\$3,200 Extent : Moderate, tter Leaking To 1s		* * Yected : 30%	2-5	\$3,900	
Exhaust Fans Roof	100%			2030	\$11,600	2	\$200	
Plumbing H/C Water Piping Brass/Copper	100%			2040	* *	1		
Water Heater Gas Fired	100%			2028	\$4,300	2	\$100	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Submersible Sewage Ejector(s)	100%			2023	\$200	4	\$200	
Electric	100%			2025	\$2,000	4	\$400	

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

### Asset # : 13284

Mechanical	Cur	rent Repair	Futu	re Replacement	Μ	aintenance	
System Component Type		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
No Component	85%						
Generic	15%		2040	* *	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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address	: DOUGLASTON / LITTLE NECK BRA : 249-01 NORTHERN BLVD.	ANCH LIBRARY	
Borough	: QUEENS	Agency's Number	: DL
Program / Asset #	: QPL0D16.000 / 13285	Yr Built/Renovated	: 1962 / 2010
Area Sq Ft	: 7,600	Project Type	: QUEENS PUBLIC LIBRARY
Date of Survey	: 18-Oct-2018	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1		
Block	: 8126 Lot : 87	BIN	: 4169275

CAPITAL		FY 2021 - 2024		FY 2025 - 2030
Exterior Architecture		\$94,300		
Mechanical				\$292,300
Total		\$94,300		\$292,300
Importance Code A		\$94,300		\$58,000
Importance Code B				\$234,300
Total		\$94,300		\$292,300
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$12,200			
Interior Architecture	\$80,300	\$6,800	\$700	\$1,200
Electrical	\$800	\$700	\$900	\$700
Mechanical	\$3,300	\$2,200	\$1,400	\$2,000
T. (.)	¢07 500	60 700	# <b>2</b> 000	<b>#3 000</b>

Total	\$96,500	\$9,700	\$3,000	\$3,800
Importance Code A	\$12,600	\$400	\$400	\$400
Importance Code B	\$66,800	\$9,300	\$2,200	\$3,500
Importance Code C	\$17,100		\$400	
Total	\$96,500	\$9,700	\$3,000	\$3,800



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

#### Asset # : 13285

Architecture		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
xterior								
Exterior Walls	1000/	0.2	¢04 200	LIPP	* *	E	¢0, 900	
Masonry: Brick	-		\$94,300 Extent : Moderate, cade On 249th Stre			5	\$9,800	
	Painted Su	rfaces, Ext	tent : Light, Area A	ffected :	25%			
		: West Fa						
			nt : Moderate, Are cade, Chimney	a Affecte	ed : 10%			
Windows								
Aluminum	Broken/Mi	Now ssing Elem : Work Ro	\$300 ents, Extent : Seve om	2046 re, Area	* * Affected : 2%	5	\$200	
Metal Louvers	2%			2039	* *	10		
Parapets								
Cast Stone/Terra Cotta	Cracking/C Location	: Coping	\$700 Extent : Severe, A			5	\$400	
	Jnt Mortar Location		l, Extent : Severe, .	Area Affe	ected : 50%			
Masonry: Brick	Painted Su	Now rfaces, Ext : West Pat	\$11,100 tent : Moderate, Ar rapet	LIFE ea Affect	* * ted : 25%	5	\$900	
		Extent : Mo : East Par	derate, Area Affect capet	ted : 20%	6			
		led, Extent : East Par	: Moderate, Area . apet	Affected	: 15%			
Pre-Cast Concrete	3%			LIFE	* *	5	\$400	
Roof Modified Bitumen	100%			2038	* *	10	\$10,900	
iterior								
Floors								
Carpet	45%			2031	* *	3	\$7,700	
Carpet		Now	\$23,000	2032	* *	3	\$2,600	
			: Severe, Area Aff Office Area	ected : 1	00%			
Cast in Place Concrete	10%			LIFE	* *	5	\$5,000	
Ceramic Tile	5%			2043	* *	5	\$600	
Vinyl Tile		Now	\$25,600	2040	* *	3	\$1,100	
			Extent : Severe, A om, Kitchen And St					

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

Asset # : 13285

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
iterior								
Interior Walls								
Ceramic Tile	5%			2043	* *	5	\$900	
Concrete Masonry Unit	10%	4+	\$2,100	LIFE	* *	5	\$700	
			xtent : Moderate, A	1rea Affe	cted : 5%			
	Location	: Basemen	t Storage Area					
Gypsum Board	75%			LIFE	* *	5-10	\$22,400	
Masonry: Brick	10%			LIFE	* *	10	\$500	
Ceilings								
AcousTileConcealSpLn				2035	* *	5	\$700	
AcousTileSusp.Lay-In	75%			2047	* *	5	\$8,400	
AcousTileSusp.Lay-In	10%		\$9,600	2050	* *	5	\$600	
			ents, Extent : Seve	re, Area	Affected : 25%			
		: Pantry	Eutout , Saucus A	non Affai	atad , 250/			
		: Pantry	Extent : Severe, A	rea Affec	iea : 25%			
		-	Extent : Severe, A	raa Affa	ated . 25%			
		: Pantry	Extent . Severe, A	reu Ajjet	<i>neu . 257</i> 0			
Comore Do and	10%	. I unity		LIFE	* *	5-10	\$2,000	
Gypsum Board te Enclosure	1070			LIFE		3-10	\$3,900	
Fence/Gates								
Chain Link	100%			2040	* *			
te Pavements	10070			2010				
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Asphalt	100%			2033	* *			
Asphalt	100%							
Asphalt	100%	Current F	Repair		* * e Replacement	М	aintenance	
Asphalt lectrical ystem Component			Repair Estimated Cost	Futur			aintenance Estimated Cost	Priori
Asphalt lectrical ystem Component Type	% of	Fail Date		Futur Year	e Replacement	Cycle		Prior
Asphalt ilectrical ystem Component Type nder 600 Volts	% of	Fail Date		Futur Year	e Replacement	Cycle		Prior
Asphalt lectrical ystem Component Type nder 600 Volts Service Equipment	% of Total	Fail Date		Futur Year FY	e Replacement	Cycle (Yrs)	Estimated Cost	Prior
Asphalt lectrical ystem Component Type nder 600 Volts	% of Total	Fail Date (Years)	Estimated Cost	Futur Year FY 2040	e Replacement Estimated Cost	Cycle		Priori
Asphalt lectrical vstem Component Type nder 600 Volts Service Equipment	% of Total 100% Other Obs	Fail Date (Years) ervation, E.	<b>Estimated Cost</b> <i>Extent : Light, Area</i>	Futur Year FY 2040	e Replacement Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
Asphalt ilectrical ystem Component Type nder 600 Volts Service Equipment	% of Total 100% Other Obs Location	Fail Date (Years) ervation, E : Basemen	<b>Estimated Cost</b> Extent : Light, Area t	Futur Year FY 2040 Affected	e Replacement Estimated Cost * *	Cycle (Yrs) 5	Estimated Cost	Priori
Asphalt Electrical ystem Component Type nder 600 Volts Service Equipment Molded Case Bkrs	% of Total 100% Other Obs Location	Fail Date (Years) ervation, E : Basemen	<b>Estimated Cost</b> <i>Extent : Light, Area</i>	Futur Year FY 2040 Affected	e Replacement Estimated Cost * *	Cycle (Yrs) 5	Estimated Cost	Priori
Asphalt Ilectrical ystem Component Type nder 600 Volts Service Equipment	% of Total 100% Other Obs Location Explanat	Fail Date (Years) ervation, E : Basemen	<b>Estimated Cost</b> Extent : Light, Area t	Futur Year FY 2040 Affected	e Replacement Estimated Cost * *	Cycle (Yrs) 5 eres.	Estimated Cost \$200	Priori
Asphalt  Ilectrical  ystem Component Type  nder 600 Volts Service Equipment Molded Case Bkrs  Switchgear / Switchboard Molded Case Bkrs	% of Total 100% Other Obs Location	Fail Date (Years) ervation, E : Basemen	<b>Estimated Cost</b> Extent : Light, Area t	Futur Year FY 2040 Affected	e Replacement Estimated Cost * * : 100% Rated At 400 Amp	Cycle (Yrs) 5	Estimated Cost	Priori
Asphalt ilectrical ystem Component Type nder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard	% of Total 100% Other Obs Location Explanat	Fail Date (Years) ervation, E : Basemen	<b>Estimated Cost</b> Extent : Light, Area t	Futur Year FY 2040 Affected	e Replacement Estimated Cost * * : 100% Rated At 400 Amp	Cycle (Yrs) 5 eres.	Estimated Cost \$200	Prior
Asphalt  Ilectrical ystem Component Type  nder 600 Volts Service Equipment Molded Case Bkrs  Switchgear / Switchboard Molded Case Bkrs Raceway	% of Total 100% Other Obs Location Explanat 100%	Fail Date (Years) ervation, E : Basemen	<b>Estimated Cost</b> Extent : Light, Area t	Futur Year FY 2040 Affected et Switch 2040	e Replacement Estimated Cost * * : 100% Rated At 400 Amp * *	Cycle (Yrs) 5 eres. 5	Estimated Cost \$200	Priori
Asphalt  Electrical  System Component Type  Inder 600 Volts Service Equipment Molded Case Bkrs  Switchgear / Switchboard Molded Case Bkrs  Raceway Conduit	% of Total 100% Other Obs Location Explanat 100%	Fail Date (Years) ervation, E : Basemen	<b>Estimated Cost</b> Extent : Light, Area t	Futur Year FY 2040 Affected et Switch 2040	e Replacement Estimated Cost * * : 100% Rated At 400 Amp * *	Cycle (Yrs) 5 eres. 5	Estimated Cost \$200	Priori

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

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

Asset # : 13285

Electrical	Current Repair	Future Repla	acomont	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Jnder 600 Volts						
Wiring						
Thermoplastic	100%	2040	* *	1		
Motor Controllers						
Locally Mounted	100%	2035	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Lighting						
Interior Lighting						
Fluorescent	10%	2030	\$8,100	10	\$700	
	T-12 Lamps And Fixtures, Extent : La	ight, Area Affected	: 100%			
	Location : Basement					
LED	90%	2038	* *			
Egress Lighting						
Emergency, Battery	50%	2035	* *	10	\$900	
Exit, Service	50%	2035	* *	1		
Exterior Lighting						
HID	30%	2030	\$9,100	10		
No Component	70%					
larm						
Security System						
No Component	20%					
Generic	80%	2038	* *	1	\$2,300	
	Other Observation, Extent : Light, An	rea Affected : 100%	6			
	Location : Reading Areas And Outs	side Perimeter				
	Explanation : CCTV Surveillance C	Camera				
Fire/Smoke Detection						
Generic, Digital	100%	2035	* *	1-3	\$4,700	
	Other Observation, Extent : Light, A	rea Affected : 100%	6			
	Location : Throughout The Building	g				
	Explanation : Strobe Lights, Manua	al Pull Stations, Ald	arm Bells, S	Smoke De	etectors And Horns	
Mechanical	Current Repair	Future Repla	acement	М	aintenance	
G (						

lechanical	Current Repair	Future	Replacement	Maintenance			
ystem Component Type	% of Fail Date Estimated Co Total (Years)	ost Year H FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
eating							
Energy Source							
Natural Gas	100%	2040	* *	1			
Conversion Equipment							
Hot Water Boiler	100%	2028	\$58,000	1	\$3,800		
	Other Observation, Extent : Light, A	rea Affected :	100%				
	Location : Basement Boiler Room						
	Explanation : 1 Unit						
Distribution							
Hot Wtr Piping/Pump	100%	2038	* *	4	\$600		

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

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

#### Asset # : 13285

	Current Repair Future Replacement Maintenance						
Mechanical		Current Repair	Futur	e Replacement	М		
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Air Handler	70%		2030	\$74,100	1	\$3,300	
Convector/Radiator	30%		2035	* *	1	\$700	
Air Conditioning							
Energy Source							
Electricity	100%		2038	* *	1		
Conversion Equipment							
Int Pkg Unit -	100%		2028	\$160,100	2	\$500	
Heating/Cooling							
		erant, Extent : Light, Area A	ffected :	100%			
	Location .	· Ceiling					
Heat Rejection							
Air Cooled Condenser	100%		2030	\$15,200	2	\$5,300	
Unit							
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,700	
Exhaust Fans				**			
Interior	100%		2030	\$26,800	2	\$200	
Plumbing							
H/C Water Piping	1000		•••	* *			
Brass/Copper	100%		2040	* *	1		
Water Heater	1000		• • • •	<b>h</b> 1		<b></b>	
Gas Fired	100%		2029	\$4,600	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2030	\$1,100	4	\$200	

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

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: EAST ELMHURST BRANCH LIBRA	ARY	
Address	: 95-05 ASTORIA BLVD.		
Borough	: QUEENS	Agency's Number	: EE
Program / Asset #	: QPL0E17.000 / 13286	Yr Built/Renovated	: 1972 / 2006
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 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture		\$22,000		\$4,600
Interior Architecture	\$7,700	\$4,100	\$600	
Electrical	\$1,700	\$8,000	\$13,600	\$89,300
Mechanical	\$500	\$5,400	\$1,100	\$600
Total	\$9,800	\$39,400	\$15,300	\$94,500
Importance Code A	\$400	\$22,400	\$400	\$6,600
Importance Code B	\$8,700	\$17,000	\$14,900	\$87,900
Importance Code C	\$700			
Total	\$9,800	\$39,400	\$15,300	\$94,500



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

Asset # : 13286

		Asset # : 1	5200					
Architecture		Current Repair	Futur	e Replacement	М	aintenance		
System Component	% of Total	Fail Date Estimated Cost (Years)		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
Туре								
xterior								
Exterior Walls Masonry: Brick	85%		LIFE	* *	5	\$13,800		
Window Wall	15%		2044	* *	5	\$9,100		
Windows	1370		2044		5	\$9,100		
Aluminum	100%		2040	* *	5	\$1,500		
Roof	10070		2040		5	\$1,500		
Modified Bitumen		place Evident, Extent : Light 1 : Throughout	2032 , Area Aff	* * Pected : 100%	10	\$22,000		
nterior								
Floors								
Carpet	70%		2025	\$110,800	3	\$12,300		
		place Evident, Extent : Light 1 : Throughout	, Area Aff	ected : 100%				
Cast in Place Concrete	5%		LIFE	* *	5	\$1,300		
Ceramic Tile	5%		2033	* *	5	\$600		
Vinyl Tile	20%		2032	* *	3	\$900		
		place Evident, Extent : Light 1 : Throughout	, Area Aff	Sected : 100%				
Interior Walls					_			
Concrete Masonry Unit			LIFE	* *	5	\$500		
Folding Partition	5%		2046	* *	5	\$1,500		
Glass: Single Pane	10%		LIFE	* *	5	\$900		
Gypsum Board		place Evident, Extent : Light 1 : Throughout	LIFE , Area Aff		5	\$5,200		
Ceilings	Locarior	. Inoughour						
AcousTileConcealSpLn	95%		2041	* *	5	\$13,900		
/ teous / neconceansp2n	Recent Re	place Evident, Extent : Light 1 : Throughout		ected : 100%	5	<i><i><b>ψ</b></i>15,700</i>		
Exposed Struc: Steel	5%		LIFE	* *				
lectrical		Current Repair	Futur	e Replacement	Μ	aintenance		
ystem	% of	Fail Date Estimated Cost	Year	<b>Estimated</b> Cost	Cycle	<b>Estimated</b> Cost	Priori	
Component	Total	(Years)	FY	Listimuted Cost	(Yrs)	Listimuteu Cost	111011	
Туре		. ,			. ,			
nder 600 Volts								
Service Equipment	1000/		2024	¢1.(00	~	¢200		
Molded Case Bkrs	100%		2024	\$1,600	5	\$200		
		servation, Extent : Moderate, 1 : Electrical Room	Area Ajje	eciea : 100%				
		tion : Main Service Switch R	ated At Al	0 Amneres				
Switchgear / Switchboard	Блрини	uon . muin service switch K	uieu Ai 40	o Amperes				
Molded Case Bkrs	100%		2024	\$34,200	5	\$200		
Raceway	10070		2024	φ37,200	5	φ200		
Conduit	80%		2024	\$26,500	1			
Conduit	20%		2024	\$20,500	1			
		urrent dollars and are not escald			1			

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

Asset # : 13286

		F. 13200				
Electrical	Current Repair	Future F	Replacement	M	aintenance	
System Component	% of Fail Date Estimated		stimated Cost	•	<b>Estimated Cost</b>	Priority
Туре	Total (Years)	FY		(Yrs)		
Jnder 600 Volts						
Panelboards						
Molded Case Bkrs	80%	2023	\$12,700	5	\$200	
Molded Case Bkrs	20%	2032	* *	5		
Wiring						
Thermoplastic	80%	2024	\$23,500	1		
Thermoplastic	20%	2034	* *	1		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting					* -  _ · ·	
Fluorescent	80%	2032	* *	10	\$5,700	
	T-5 Lamps And Fixtures, Extent :		Affected : 100%			
	Location : Throughout The Bui					
Fluorescent	5%	2032	* *	10	\$400	
	Other Observation, Extent : Mod	00	ed : 100%			
	Location : Throughout The Bui					
	Explanation : Compact Fluores	8 8				
Fluorescent	15%	2032	* *	10	\$1,100	
	T-8 Lamps And Fixtures, Extent :		Affected : 100%			
	Location : Throughout The Bui	lding				
Egress Lighting						
Emergency, Battery	20%	2024	\$2,200	10	\$400	
Exit, Service	80%	2021	\$900	1		
Exterior Lighting						
HID	100%	2032	* *	10		
Alarm						
Security System	1000/				<b>†•</b> • • • •	
Generic	100%	2032	* *	1	\$2,900	
	Other Observation, Extent : Mod		ed : 100%			
	Location : Throughout The Bui	-				
	Explanation : CCTV Surveillan	ce Cameras				
Fire/Smoke Detection	1000/	2022	* *	1.2	¢4.000	
Generic	100%	2032		1-3	\$4,800	
	Other Observation, Extent : Mod		ed : 100%			
	Location : Throughout The Bui		II 4 1 G			
	Explanation : Strobe Lights, Mo	anual Pull Station,	Horns And Smo	oke Detec	ctors	
Mechanical	Current Repair	Future F	Replacement	М	aintenance	
System	% of Fail Date Estimated	Cost Year E	stimated Cost	Cycle	<b>Estimated</b> Cost	Priority
Component	Total (Years)	FY		(Yrs)		
Туре	· · · ·			. ,		

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.

Heating

#### Asset # : 13286

Mechanical	Current Repair	Current Repair Future Replacement Maintenance				
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Conversion Equipment	1000/	2022	* *		<b>#2</b> 000	
Furnace	100% Other Observation Frateria Liebe	2032		1	\$3,900	
	Other Observation, Extent : Light Location : Roof	, Area Affectea : 100	0%			
	Explanation : 1 Rooftop Packag	a Unit				
Terminal Devices	Explanation . 1 Kooplop 1 ackag	e Onu				
Convector/Radiator	30%	2037	* *	1	\$800	
No Component	70%	2037		1	\$000	
Air Conditioning	,0,0					
Energy Source						
Electricity	100%	2040	* *	1		
Conversion Equipment						
Ext Pkg Unit -	100%	2032	* *	2	\$500	
Heating/Cooling						
	Other Observation, Extent : Light	, Area Affected : 100	0%			
	Location : Roof					
	Explanation : 1 Rooftop Packag	e Unit, R-410a Refr	igerant			
Ventilation Distribution						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,400	
Exhaust Fans	10078	LIFE		2-3	\$4,400	
Roof	100%	2032	* *	2	\$200	
Plumbing	10070	2052		2	\$200	
H/C Water Piping						
Brass/Copper	100%	2044	* *	1		
Water Heater						
Gas Fired	100%	2022	\$4,700	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.

- 2030

\$3,800

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address	<ul> <li>EAST FLUSHING BRANCH LIB</li> <li>196-36 NORTHERN BLVD.</li> </ul>	RARY	
Borough	: QUEENS	Agency's Number	: EF
Program / Asset #	: QPL0E18.000 / 13287	Yr Built/Renovated	: <b>1977 / 2007</b>
Area Sq Ft	: 6,250	<b>Project Type</b>	: QUEENS PUBLIC LIBRARY
Date of Survey	: 03-Oct-2018	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1		
Block	: 5520 Lot : 18	BIN	: 4124564
CAPITAL		FY 2021 - 2024	FY 2025 -
Exterior Architec	ture	\$60,200	

		+ • • • ,= • •		
Interior Architecture				\$71,500
Mechanical				\$122,000
Total		\$60,200		\$193,500
Importance Code A		\$60,200		
Importance Code B				\$193,500
Total		\$60,200		\$193,500
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$8,400		\$1,400	
Interior Architecture	\$16,700		\$4,200	\$1,200
Electrical	\$6,700	\$500	\$700	\$600
Mechanical	\$26,700	\$2,100	\$1,600	\$2,000
Site Enclosure	\$800			
Site Pavements	\$600			
Total	\$60,000	\$2,600	\$7,800	\$3,800
Importance Code A	\$32,300	\$300	\$1,700	\$300
Importance Code B	\$14,400	\$2,300	\$6,100	\$3,500
Importance Code C	\$13,300			



\$2,600

\$7,800

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

\$60,000

Total

#### Asset # : 13287

	ASSEL # . 15207							
Architecture		Current Repair	Futur	e Replacement	Μ	aintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
xterior								
Exterior Walls								
Masonry: Brick		Now \$60,200	LIFE	* *	5	\$9,400		
		xtent : Severe, Area Affected						
		: Base Of Building At Front						
Window Wall	10%		2050	* *	5	\$3,900		
Windows	1000/		• • • • •	ata ata	_			
Aluminum	100%		2038	* *	5	\$2,500		
Parapets	000/			* *	-	¢1.000		
Masonry: Brick		Now \$7,700	LIFE	* *	5	\$1,300		
		xtent : Severe, Area Affected : Exterior Face Of Parapet V						
		. Exicitor Face Of I araper )		* *	5 10	¢000		
Masonry: Limestone	5% 2%		LIFE 2043	* *	5-10 5-10	\$900 \$200		
Metal: Cage/Fence	2% 3%		2043		5-10	\$200		
No Component	370							
Roof Modified Bitumen	100%		2035	* *	10	\$17,500		
Modified Bitumen		xtent : Moderate, Area Affec			10	\$17,500		
	0	: Main Roof	<i>icu</i> . 570					
		ervation, Extent : Moderate, 1	Area Affe	ected · 2%				
		: Main Roof	ii cu iijje					
		on : Clogged Drain						
Soffits	· <b>r</b> · · · · ·							
Aluminum Sunshades	75%		2033	* *	10			
Stucco Cement	25%		2035	* *	5			
nterior								
Floors								
Cast in Place Concrete	10%		LIFE	* *	5	\$4,100		
Ceramic Tile	5%		2039	* *	5	\$500		
Vinyl Tile	85%		2030	\$71,500	3	\$4,000		
Interior Walls								
Concrete Masonry Unit	40%		LIFE	* *	5	\$4,700		
Glass: Single Pane	5%		LIFE	* *	5	\$1,100		
Gypsum Board	55%		LIFE	* *	5-10	\$13,800		
Ceilings			• • • •		F	±		
AcousTileSusp.Lay-In	90%		2043	* *	5	\$8,400		
Exposed Struc: Steel	10%		LIFE	* *	10	\$1,900		
lite Enclosure								
Fence/Gates	1000/	<b>2</b> 4 0000	2050	* *				
Chain Link	100%	2-4 \$800 Rusting, Extent : Moderate, 2	2050 Area Affa					
		: Left Side And Rear Of Build		<i>CIEU</i> . J/0				
Free Standing Walls	Locuion	. Deft State Inta Real Of Data						
Cast in Place Concrete	100%		2065	* *				
Site Pavements	10070		2005					
Public Sidewalk								
Cast in Place Concrete	100%		2043	* *				
	100/0		2010					

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

#### Asset # : 13287

Architecture	Current Repai	Current Repair Future Replacement			Maintenance		
ystem Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
te Pavements On-Site Walkways Cast in Place Concrete	100% 2-4 Cracking/Crumbling, Exte Location : Side Yard	\$600 2043 nt : Moderate, Area Aj	* * ffected : 15%				
lectrical	Current Repai	r Futur	e Replacement	М	aintenance		
System Component Type	% of Fail Date Esti Total (Years)		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
nder 600 Volts Service Equipment Molded Case Bkrs	100% Other Observation, Extent Location : Electrical Roc Explanation : No Namep	om	\$1,600 : 100%	5	\$200		
Switchgear / Switchboard Molded Case Bkrs	100%	2030	\$34,200	5	\$200		
Raceway Conduit	100%	2030	\$33,200	1			
Panelboards Molded Case Bkrs Molded Case Bkrs	90% 10%	2029 2046	\$14,200 * *	5 5	\$100		
Wiring Braided Cloth	20% 2-4 Insulation Aged, Extent : N Location : Electrical, Me		* * d : 100%	1			
Thermoplastic	80%	2030	\$23,500	1			
Motor Controllers							
Locally Mounted round	100%	2028	\$16,000	5			
Grounding Devices Generic	100%	LIFE	* *	5	\$200		
ghting Interior Lighting Fluorescent	1% T-12 Lamps And Fixtures, Location : Mechanical R		\$700 ffected : 100%	10	\$100		
LED	99%	2038	* *				
Egress Lighting Emergency, Battery Exit, Service	50% 50%	2035 2035	* * * *	10 1	\$800		
Exterior Lighting Fluorescent	25% Compact Fluorescent Ligh Location : Front And Sia	2025 t, Extent : Light, Area	\$5,300 Affected : 100%	10	\$100		
HID No Component	<u> </u>	2025	\$1,200	10			

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

Maintenance & are aggregated over a ten-year period. Site specific cost escatations are not include \*\* Penlacement cost estimated to be beyond ten years is not included in this report.

#### Asset # : 13287

Electrical		Current I	Repair	Futur	re Replacement	M	laintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
larm									
Security System	/								
No Component	30%			2020	ala ala		<b>\$1</b> (00)		
Generic	70%			2038	* *	1	\$1,600		
			Extent : Light, Area Areas, Front And						
		-	V Surveillance Can	-	ine Duilaing				
Fire/Smoke Detection	Елриини		surveillance Can	icrus					
Generic, Digital	100%			2035	* *	1-3	\$3,900		
	Other Obs	servation, E	Extent : Light, Area	Affected	l : 100%				
	Location	ı : Through	out The Building						
	Explana	tion : Smok	e Detectors, Alarn	n Bells, N	Ianual Pull Station	s, Strobe	e Light And Horns		
lechanical		Current I	Repair	Futur	re Replacement	M	laintenance		
System	% of		Estimated Cost		Estimated Cost		Estimated Cost	Priori	
Component	Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	111011	
Туре		( )				( )			
eating									
Energy Source Natural Gas	100%			2040	* *	1			
Conversion Equipment	100%			2040		1			
Hot Water Boiler	100%	0-2	\$23,900	2050	* *	1	\$2,800		
Hot water Boner			Extent : Moderate		ffected : 100%	1	\$2,000		
			t In Boiler Room	,,	,				
Distribution									
Hot Wtr Piping/Pump	100%			2038	* *	4	\$500		
Terminal Devices									
Convector/Radiator	40%			2035	* *	1	\$800		
No Component	60%			1.00	1 00/				
			Extent : Light, Area litioning Units	Ајјестеа	1:0%				
			-	Under A	lir Conditioning Se	ection			
ir Conditioning	Елриини	11011 . All 11	lunuler is Covereu	Onder A	ur Conditioning Se	ciion			
Energy Source									
Electricity	100%			2038	* *	1			
Conversion Equipment									
Reciprocating	100%			2030	\$52,600	1	\$2,900		
Compr/Chiller							-		
	U	0	tent : Light, Area A	ffected :	100%				
	Location	ı : 1 Unit. F	Roof						
Terminal Devices					¢ < 0 = c =		<b>**</b> • • • •		
Air Handler/Cool/Ht	100%			2025	\$69,500	1	\$3,900		
Heat Rejection	1000/			0000	¢10 500	•	<b>#4.400</b>		
Air Cooled Condenser	100%			2030	\$12,500	2	\$4,400		
Unit									
entilation Distribution									
	100%			LIFF	* *	2-5	\$5 500		
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,500		

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

### Asset # : 13287

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
Ventilation							
Exhaust Fans							
Interior	50%		2025	\$11,000	2	\$100	
Roof	50%		2025	\$5,100	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2040	* *	1		
Water Heater							
Gas Fired	100%		2028	\$3,800	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.
#### Page: 73

#### **QUEENS PUBLIC LIBRARY - FY 2020** Print Date: 12-Sep-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 2021 - 2024	FY 2025 - 2030
Exterior Architecture		\$398,500
Mechanical		\$993,700
Total		\$1,392,300
Importance Code A		\$398,500
Importance Code B		\$993,700
Total		\$1,392,300

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$6,900			
Interior Architecture		\$32,300		\$6,600
Electrical	\$900	\$1,200	\$900	\$30,400
Mechanical	\$16,400	\$3,900	\$15,300	\$22,900
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$32,100	\$45,300	\$24,100	\$67,800
Importance Code A	\$18,900	\$1,600	\$1,600	\$1,600
Importance Code B	\$13,200	\$43,700	\$22,500	\$66,100
Importance Code C				
Total	\$32,100	\$45,300	\$24,100	\$67,800



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

#### Asset # : 14553

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	50%			LIFE	* *	5	\$254,600	
Masonry: Brick	5%			LIFE	* *	5	\$3,300	
Metal, Corrugated	5%			2055	* *	1	\$5,500	
Metal Panel	10%			2055	* *	5-10	\$44,800	
Window Wall	30%			2055	* *	5	\$73,300	
Windows	2070			2000		5	\$75,500	
Aluminum	100%			2051	* *	5	\$8,200	
Parapets	10070			2001		U	¢0,200	
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$6,000	
Concrete Masonry Unit	70%			LIFE	* *	5	\$3,100	
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		
nterior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	\$30,900	
Sheet Vinyl/Rubber	55%			2037	* *	5	\$38,800	
Wood	15%			2064	* *	5	\$13,200	
Interior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *			
Folding Partition	1%			2045	* *	5	\$1,200	
Gypsum Board	75%			LIFE	* *	5	\$21,100	
Masonry: Brick	2%			LIFE	* *			
Metal Panel	10%			LIFE	* *			
Plywood/Hardboard	5%	_		LIFE	* *			
			xtent : Light, Area	Affected	: 100%			
		: Through				G		
···· ·	-	tion : Comp	osite Plastic Prod			-	<b>\$2.400</b>	
Wood	5%			LIFE	* *	5	\$9,400	
Ceilings				0040	. به ا	-	<b>#25</b> 000	
AcousTileSusp.Lay-In	55%			2042	* *	5	\$25,900	
Exposed Struc: Steel	5%			LIFE		5	¢11.000	
Gypsum Board	20%			LIFE	* *	5	\$11,800	
Metal Panel	10%			LIFE	* *	5	\$5,900	
Plywood/Hardboard	5% Other Ohe	omention P	utout , Li-Li A	2055		1		
			xtent : Light, Area Entranças To Libra					
			Entrances To Libro	-				
	· ·	uon : Comp	osite Plastic Mate		a As Soffits **	-	<b>#2</b> 0, <u>c</u> 00	
Wood	5%			LIFE	* *	5	\$20,600	
Site Enclosure								
Fence/Gates	1000/			2072	* *			
Iron Picket	100%			2073				

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

Asset # : 14553

			ASSEL # . 14	555				
Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System	% of		Estimated Cost		Estimated Cost	Cyclo	<b>Estimated</b> Cost	Priority
Component	Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	1 1 101 10
Туре		()				()		
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		Current I	Repair	Futur	e Replacement	М	aintenance	
System	0/ af		Estimated Cost					Duisuite
Component	% of Total	(Years)	Estimated Cost	Y ear FY	Estimated Cost	(Yrs)	Estimated Cost	Priority
Туре	1 Otal	(1 cars)				(113)		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	\$100	
			xtent : Light, Area	Affected	! : 100%			
		i : Electrica						
	Explana	tion : One I	2500 Amperes Mai	n Service	e 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	- دخت و			• • • •				
Thermoplastic	100%			2049	* *	1		
Motor Controllers						_		
Locally Mounted	100%			2042	* *	5	\$200	
Ground								
Grounding Devices	1000/			TIPP	باد بان	~	<i><b><i><b><i><i></i></i></b> <i></i> <b><i></i></b> <b></b> </i></b></i>	
Generic	100%			LIFE	* *	5	\$500	
Lighting								
Interior Lighting	050/			2024	* *	10	\$37 400	
Fluorescent	95%		ras Extant . I inly	2034		10	\$27,400	
	-	s Ana Fixtu 1 : Through	res, Extent : Light, out	Area AJJ	ectea : 100%			
51		-	000	0.000			<b>**</b> ***	
Fluorescent	5%			2034	**	10	\$1,400	
	-		Light, Extent : Lig	ght, Area	Affected : 100%			
	Location	1 : Through	out					
Egress Lighting					<b></b>		<b></b>	
Emergency, Battery	50% 50%			2029	\$22,400 * *	10	\$3,800	
Exit, LED				2057		1		

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

#### Asset # : 14553

Electrical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Exterior Lighting						
Fluorescent	20%	2034	* *	10	\$600	
LED	2%	2034	* *			
	Other Observation, Extent : 1	ight, Area Affected : 10	0%			
	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 Repair	Future Re	placement	M	aintenance	
System Component	% of Fail Date Estima	ited Cost Year Est	imated Cost	Cycle	Estimated Cost	Priority

Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Hot Water Boiler	100% Now	\$12,000	2034	* *	1	\$14,000	
	Malfunctioning, Ext	tent : Severe, Area A	ffected :	100%			
	Location : Baseme	ent					
	Other Observation,	Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Baseme	ent					
	Explanation : No	Makeup Air Or Vent	ilation In	Mechanical Room	1		
Distribution							
Hot Wtr Piping/Pump	100%		2037	* *	4	\$2,300	
Terminal Devices							
Air Handler	100%		2029	\$438,000	1	\$19,400	
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		
<b>Conversion Equipment</b>							
Ext Pkg Unit -	80%		2029	\$312,000	2	\$1,500	
Heating/Cooling							
Split Unit	20%		2029	\$133,000			
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2	\$40,900	
Ventilation							
Distribution							
Ductwork/Diffusers	20%		LIFE	* *	2-5	\$3,500	
No Component	80%						

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

Asset # : 14553

Mechanical	Current Repair	Future Re	eplacement	Μ	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Exhaust Fans						
Interior	100%	2029	\$110,800	2	\$1,000	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2039	* *	1		
Water Heater						
Gas Fired	100%	2024	\$19,000	2	\$500	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s)						
Electric	100%	2029	\$9,000	4	\$1,900	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Light, .	Area Affected : 10	00%			
	Location : All Floors					
	Explanation : 2 Elevators					
Escalators						
Not Accessible	100%					
Fire Suppression						
Sprinkler						
No Component	50%					
Generic	50%	2049	* *	1-2	\$4,400	

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

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: FLUSHING BRANCH LIBRARY		
Address	: 41-17 MAIN STREET @ KISSENA BL	VD.	
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 2021 - 2024	FY 2025 - 2030
Exterior Architecture		\$661,100
Interior Architecture		\$232,000
Electrical		\$537,300
Mechanical	\$50,900	\$2,736,100
Total	\$50,900	\$4,166,500
Importance Code A		\$661,100
Importance Code B	\$50,900	\$3,469,900
Importance Code C		\$35,500
Total	\$50,900	\$4,166,500

		ŕ		
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$6,800	\$23,500		\$9,700
Interior Architecture	\$4,700	\$23,500	\$4,600	\$200
Electrical	\$8,300	\$10,100	\$5,800	\$16,000
Mechanical	\$42,700	\$16,700	\$35,900	\$37,800
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$70,500	\$81,800	\$54,200	\$71,700
Importance Code A	\$9,700	\$26,400	\$2,900	\$12,800
Importance Code B	\$60,800	\$55,400	\$48,900	\$58,900
Importance Code C			\$2,500	
Total	\$70,500	\$81,800	\$54,200	\$71,700



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

#### Asset # : 4200

			A5561#.4/					
Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component	% of		<b>Estimated</b> Cost	Year	<b>Estimated Cost</b>	·	<b>Estimated</b> Cost	Priorit
Туре	Total	(Years)		FY		(Yrs)		
xterior								
Exterior Walls								
Masonry: Brick	20%			LIFE	* *	5	\$9,300	
Metal/Glass Curt Wall	45%			LIFE	* *	5	\$39,300	
Metal Panel	3%			2049	* *	5-10	\$9,600	
Metal Coiling Doors	3%			2042	* *	5	\$4,400	
Granite Panels	27%			LIFE	* *	5	\$9,400	
Window Wall	2%			2049	* *	5	\$3,500	
Windows	270			2017		5	\$5,500	
Aluminum	98%			2045	* *	5	\$22,200	
Metal Louvers	2%			2045	* *	10	\$2,800	
	270			2050		10	\$2,000	
Parapets Masonry: Brick	5%			LIFE	* *	5	\$300	
Metal/Glass Curt Wall	50%			2049	* *	5	\$10,800	
Metal Rail	35%			2049	* *	5-10	\$35,100	
Granite Panels		Now	\$6,800	LIFE	* *	5	\$600	
			l, Extent : Moderat			5	\$000	
0		: Coping	i, Extent . Moderat	е, лгеи 1	1 <i>jjecieu</i> . 5070			
			d, Extent : Modera	to Area	Affected : 50%			
C		: Coping	a, Extent . Modera	ie, Areu	Affected . 50%			
	Locuiton	. Coping						
Roof	90%			2020	\$591 200	10	\$40.500	
Built-Up (BUR) Plaza Roof: Stone Panels	90% 8%			2029 2049	\$581,300 * *	10	\$40,500	
	8% 2%			2049	* *	1		
Skylight, Plastic Soffits	270			2042		1		
Metal Panel	40%			2049	* *	5 10		
Stucco Cement	40% 60%			2049	* *	5-10 5		
	00%			2042		3		
terior								
Floors	200/			2020	¢252.000	2	¢20.200	
Carpet	30%			2028	\$353,800 * *	3	\$39,300	
Cast in Place Concrete	10%			LIFE	* *	5	\$19,100	
Ceramic Tile	5%			2038	* *	5	\$4,400	
Granite Panels	30%			LIFE	* *	5	\$19,700	
Vinyl Tile	18%	N	<b>64 700</b>	2034	* *	3	\$5,900	
Vinyl Tile		Now	\$4,700	2034		3	\$700	
I			tent : Moderate, Ai	ea Affec	tea : 20%			
-			On Main Stairs	100 .	200/			
l			: Moderate, Area	Affected	: 20%			
-		: Treads C	On Main Stairs					
Wood	5%			2057	* *	5	\$8,200	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	\$4,900	
Concrete Masonry Unit	15%			LIFE	* *	5	\$5,900	
	1.00/			LIFE	* *	5	\$7,400	
Glass: Single Pane	10%							
Glass: Single Pane Gypsum Board	10% 60%			LIFE	* *	5	\$35,500	
-				LIFE LIFE	* *	5	\$35,500	

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

#### Asset # : 4200

		ASSEL # . 4	200				
Architecture		Current Repair	Futur	e Replacement	Μ	laintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Ceilings							
AcousTileSusp.Lay-In	10%		2042	* *	5	\$8,700	
Exposed Concrete	10%		LIFE	* *	5	\$1,400	
Gypsum Board	20%		LIFE	* *	5	\$21,800	
Metal Panel	15%		LIFE	* *	5	\$16,400	
		rvation, Extent : Light, Area · Corridors	Affected	! : 100%			
	Explanatio	on : Suspension Panels					
Metal Panel	25%		LIFE	* *	5	\$27,300	
Wood	20%		LIFE	* *	5	\$152,800	
lite Enclosure							
Retaining Walls							
Masonry: Fieldstone	100%		2049	* *			
-	Other Obser	rvation, Extent : Light, Area	Affected	! : 100%			
	Location :	Planter Area By Entry					
	Explanatio	on : This Is Actually Granite	Clad We	alls			
ite Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2034	* *			
On-Site Walkways Masonry: Granite	100%		LIFE	* *			
Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Under 600 Volts							
Service Equipment							
Fused Disc Sw	50%		2049	* *	5	\$100	
		rvation, Extent : Light, Area · Electrical Room	Affected	!: 100%			
	Explanatio	on : One 4000 Ampere Main	Disconn	nect Switch			
Fused Disc Sw	50%		2049	* *	5	\$100	
		rvation, Extent : Light, Area		! : 100%	-	+	
		Electrical Room	55				
	Explanatio	on : One 400 Ampere Main I	Disconne	ect Switch For Eme	ergencv		
Transformers	1	T			5 2		
Dry Type	100%		2042	* *	5	\$200	
5 51		rvation, Extent : Light, Area		! : 100%		* - *	
		3rd Floor Mechanical Room					
	Explanatio	on : Two 75 Kilovolt-ampere	e, 208v P	ri - 480/266v Sec			
Switchgear / Switchboard	*	T					
Fused Disc Sw	100%		2049	* *	5	\$300	
Raceway							
Conduit	100%		2049	* *	1		

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

#### Asset # : 4200

Electrical		Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated (Years)	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							
Thermoplastic	100%		2049	* *	1		
Motor Controllers							
Locally Mounted	10%		2042	* *	5		
Motor Control Center	90%		2042	* *	5	\$1,400	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$900	
Stand-by Power							
Transfer Switches							
Automatic	100%		2042	* *	1	\$18,000	
Generators						***	
Diesel	100%		900 2032	* *	1	\$20,300	
		ice, Extent : Moderate	, Area Affected :	5%			
	Location .	• •					
		rvation, Extent : Mode	erate, Area Affec	ted : 100%			
	Location .	e e					
	Explanati	on : One 230 Kilowatt	Does Not Opera	ate Due To Fuel L	.eak		
Batteries	1000/		2022	¢1 (00	-	<b>#2 2</b> 00	
Lead/Acid	100%		2022	\$1,600	5	\$2,200	
Fuel Storage	500/			ىلە بلە	-	<b>#2 5</b> 00	
Day Tank	50%		900 2037	* *	5	\$2,700	
		rvation, Extent : Light	, Area Affected :	5%			
	Location.	-					
	-	on : 75 Gallon Tank L					
Main Tank	50%		2057	* *	5	\$900	
		rvation, Extent : Light	, Area Affected :	95%			
		Basement					
	Explanati	on : 3000 Gallon Tank	t				
Lighting							
Interior Lighting	0			<i></i>	• •	* <b>1</b> * * * *	
Fluorescent	80%		2029	\$494,500	10	\$42,800	
		rvation, Extent : Light	•••	100%			
		Throughout The Buil	ding				
	-	on : T-8 Lamps					
Fluorescent	18%		2034	* *	10	\$9,600	
	-	luorescent Light, Exte		<i>Affected</i> : 100%			
	Location .	Throughout The Buil	ding				
	2%		2034	* *	2		
Incandescent							
Incandescent Egress Lighting							
	60%		2034	* *	1		

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

#### Asset # : 4200

Electrical		ASSet # . 4 Current Repair		e Replacement	_M	aintenance	
		-		-			_
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Exterior Lighting							
Fluorescent	5%		2034	* *	10	\$300	
	-	Fluorescent Light, Extent : Li : Outside Perimeter	ight, Area	Affected : 100%			
HID	15%		2034	* *	10		
No Component	80%						
Alarm							
Security System							
No Component	65%						
Generic	35%		2034	* *	1	\$7,600	
Fire/Smoke Detection	-						
No Component	70%		2024	* *	1.2	¢10.000	
Generic, Digital	30%		2034	<u>ት</u> ት	1-3	\$10,800	
Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date Estimated Cost	Year	<b>Estimated</b> Cost	Cycle	<b>Estimated</b> Cost	Priority
Component	Total	(Years)	FY		(Ýrs)		
Туре							
Heating							
Energy Source Interruptible Gas/Dual	100%		2039	* *	1		
Fuel	10070		2039		1		
Conversion Equipment							
Hot Water Boiler	100%		2034	* *	1	\$28,900	
		ervation, Extent : Light, Area		! : 100%		+	
		: Basement Boiler Room	55				
	Explana	tion : 2 Units - Providing Ch	illed Wate	er Also			
Distribution							
Hot Wtr Piping/Pump	100%		2037	* *	4	\$4,300	
Terminal Devices							
Air Handler	60%		2029	\$487,800	1	\$21,700	
Convector/Radiator	30%		2034	* *	1	\$5,700	
Unit Heater - Steam	10%		2024	\$20,700	4	\$500	
Air Conditioning							
Energy Source							
Natural Gas	100%		2039	* *	1		
Conversion Equipment				<b>b</b>		·	
Absorption	99%		2029	\$1,185,000	1	\$62,500	
Chiller/Direct Fire	04 01	···	1.00	1 1000/			
		ervation, Extent : Light, Area	a Affectea	: 100%			
		: Boiler Room, Basement	Chillen	Unita			
	-	tion : 2 Combination Heater					
Split Unit	1%		2029	\$12,300			
Distribution	1000/		2020	* *	A	<b>42</b> 000	
CW & CHW Wtr	100%		2039	~ <b>~</b>	4	\$2,900	
Pipe/Pump							

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

Asset # : 4200

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
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	\$648,400	1	\$36,100	
Heat Rejection								
Water Cooling Tower	Damaged, Location Other Obs Location	t : Roof Pol ervation, E	\$21,900 evere, Area Affecte lyvinyl Chloride Pi Extent : Light, Area	ping	\$219,400 : 100%	2	\$47,000	
/entilation	Елриини	100 . 2 0 11	15					
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$32,500	
Exhaust Fans	10070					v	<i>+0</i> <b>-</b> ,000	
Interior	95%			2029	\$195,400	2	\$1,700	
Roof	5%			2029	\$4,800	2	\$100	
lumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater								
Electric	100%			2024	\$50,900	4	\$300	
			xtent : Light, Area	Affected	: 100%			
		: Boiler R						
	Explana	tion : 2 Uni	its					
Sanitary Piping	1000/				ala ala			
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	1000/			TIPP	* *	1		
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)	1000/			2020	¢1 ( 700	4	¢2.500	
Electric	100%			2029	\$16,700	4	\$3,500	
Backflow Preventer	500/							
No Component	50%	amation E	Extent : Light, Area	Affected	· 0%			
			rvice Room	Ајјестей	. 070			
			estic Service					
Comoria	50%		estic Service	2029	\$7.200	1	¢1.000	
Generic	Other Obs Location	ervation, E	xtent : Light, Area r Sprinkler Room Service		\$7,300 : 100%	1	\$1,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
			xtent : Light, Area	Affected	: 100%			
			1st To 3rd Floor					
	Explana	tion : Two	Units					

Fire Suppression

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

Asset # : 4200

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

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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: FOREST HILLS BRANCH LIBRARY	Y	
Address	: 108-19 71ST AVE.		
Borough	: QUEENS	Agency's Number	: FH
Program / Asset #	: QPL0F22.000 / 13290	Yr Built/Renovated	÷ 1958 / 2001
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
CADITAL		EV 2024 - 2024	EV 2025 -

CAPITAL		FY 2021 - 2024		FY 2025 - 2030
Exterior Architecture		\$229,000		
Electrical				\$304,500
Mechanical				\$290,400
Total		\$229,000		\$594,900
Importance Code A		\$229,000		
Importance Code B				\$594,900
Total		\$229,000		\$594,900
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$20,000			\$6,500
Interior Architecture	\$13,800	\$3,300		\$7,700
Electrical	\$19,800	\$900	\$1,000	\$1,000
Mechanical	\$6,300	\$4,700	\$14,600	\$3,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$63,800	\$12,800	\$19,500	\$22,300
Importance Code A	\$21,100	\$1,100	\$1,100	\$7,600
Importance Code B	\$42,700	\$10,300	\$18,400	\$14,700
Importance Code C		\$1,500		
Total	\$63,800	\$12,800	\$19,500	\$22,300



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

#### Asset # : 13290

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	0.00		¢101 <b>0</b> 00		ate ate	-	<b>#2</b> 0,400	
Masonry: Brick	Horizonta Location Vertical C	ı : Main En	ent : Moderate, Are			5	\$28,400	
Masonry: Limestone	5%	Now	\$20,000	LIFE	* *	5	\$1,300	
	Location Jnt Morta	ı : Window	d, Extent : Modera	-	-			
Creatite Deviale	3%		51115	LIEE	* *	5	¢000	
Granite Panels				LIFE 2039	* *	5	\$800	
Window Wall	10%			2039	• •	5	\$13,000	
Windows Aluminum	97%			2045	* *	5	\$2 100	
Metal Louvers	3%			2043	* *	3 10	\$2,100 \$400	
	570			2038		10	\$400	
Parapets Masonry: Brick	95% Spalling, 1		\$47,800 derate, Area Affec	LIFE ted : 20%	* * 0	5	\$3,900	
	Worn/Ero Location	n : Interior	: Moderate, Area					
Pre-Cast Concrete	5%			LIFE	* *	5	\$1,300	
Roof Modified Bitumen	100%		Extent : Light, Area	2037	* *	10	\$23,800	
		i : Through	-	і Ајјестец	. 10070			
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
nterior								
Floors								
Carpet	50%			2030	\$207,600	3	\$30,800	
Cast in Place Concrete	7%			LIFE	* *	5	\$4,700	
Ceramic Tile	3%			2042	* *	5	\$900	
Terrazzo	5%			LIFE	* *	5	\$1,200	
Vinyl Tile	35%			2034	* *	3	\$4,000	
Interior Walls							•	
Ceramic Tile	5%			2042	* *	5	\$2,900	
Concrete Masonry Unit	25%			LIFE	* *	5	\$5,800	
Gypsum Board	25%			LIFE	* *	5	\$8,800	
Plaster	40%			LIFE	* *	5	\$7,000	
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings	1001			0011	بالم والم	-	<b>#12 2</b> 00	
AcousTileSusp.Lay-In	40%			2046	* *	5	\$12,300	
Plaster	60%			LIFE	* *	5	\$11,500	

Site Enclosure

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

#### Asset # : 13290

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
Site Enclosure								
Fence/Gates								
Aluminum Rail	20%			2034	* *	5-10		
Iron Picket	80%			2049	* *			
Free Standing Walls								
Masonry: Brick	100%			2039	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2034	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2034	* *			
Activity Yard								
Cast in Place Concrete	100%			2034	* *			

Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment Fused Disc Sw	100%		2029	\$2,700	5	\$100	
	Other Obs	ervation, Extent : Light, Are	ea Affected	: 100%			
	Location	: Electrical Room					
	Explanat	ion : No Nameplate Rating	Available				
Switchgear / Switchboard							
Molded Case Bkrs	100%		2029	\$34,200	5	\$600	
Raceway							
Conduit	90%		2039	* *	1		
Conduit	10%	4+ \$100	2039	* *	1		
		Extent : Moderate, Area Af	fected : 2%	6			
	Location	: Rooftop					
Panelboards							
Fused Disc Sw	20%		2028	\$4,700	5	\$100	
Molded Case Bkrs	20%		2037	* *	5	\$100	
Molded Case Bkrs	60%		2028	\$14,200	5	\$300	
Wiring							
Braided Cloth	65%	4+ \$19,100	2054	* *	1		
		Aged, Extent : Moderate, A	rea Affecte	ed : 100%			
	Location	: Throughout					
Thermoplastic	35%		2039	* *	1		
Motor Controllers							
Locally Mounted	10%		2027	\$4,800	5		
Motor Control Center	90%		2027	\$10,600	5	\$500	
bround							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$300	

Lighting

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

#### Asset # : 13290

ectrical		Current Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date Estimated Cost (Years)		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
hting							
Interior Lighting	0.000		• • • •			<b>*</b> • • • • • •	
Fluorescent	90%		2029	\$209,200	10	\$18,100	
		ps And Fixtures, Extent : Light : Throughout The Building	t, Area A	ffected : 100%			
Fluorescent	10%		2029	\$23,200	10	\$2,000	
		Fluorescent Light, Extent : Lig : : Throughout	ht, Area	Affected : 100%			
Egress Lighting							
Emergency, Battery	50%		2029	\$15,700	10	\$2,600	
Exit, Battery	50%		2029	\$5,300	10	\$700	
Exterior Lighting							
HID	10%		2029	\$8,800	10		
No Component	90%						
irm							
Security System	700/						
No Component	70%		2020	¢01 100	1	¢2 500	
Generic	30%	ervation, Extent : Light, Area	2029	\$21,100	1	\$2,500	
		ervation, Extent ? Light, Area : Throughout The Building	Ајјесіей	. 100%			
		tion : Intrusion Alarm Only					
Fire/Smoke Detection	1						
	700/						
No Component	70%						
No Component Generic, Analog	70% 30%		2029	\$72,100	1-3	\$4,100	
-	30% Other Obs	ervation, Extent : Light, Area			1-3	\$4,100	
-	30% Other Obs Location	: Throughout The Building	Affected	: 100%		\$4,100	
-	30% Other Obs Location	-	Affected	: 100%		\$4,100	
Generic, Analog	30% Other Obs Location	: Throughout The Building tion : Strobe Light, Manual Pu	Affected ull Station	: 100% n And Smoke Deter	ctors		
Generic, Analog	30% Other Obs Location Explanat	: Throughout The Building tion : Strobe Light, Manual Pu Current Repair	Affected Ill Station Futur	: 100% n And Smoke Deter e Replacement	<i>ctors</i>	aintenance	
Generic, Analog	30% Other Obs Location	: Throughout The Building tion : Strobe Light, Manual Pu	Affected Ill Station Futur	: 100% n And Smoke Deter	<i>ctors</i>		Priori
Generic, Analog echanical stem Component Type ating	30% Other Obs Location Explanat	: Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost	Affected Ill Station Futur Year	: 100% n And Smoke Deter e Replacement	ctors M Cycle	aintenance	Priori
Generic, Analog echanical stem Component Type ating Energy Source	30% Other Obs Location Explanat	: Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost	Affected ull Station Futur Year FY	: 100% n And Smoke Deter e Replacement Estimated Cost	ctors M Cycle	aintenance	Priori
Generic, Analog echanical stem Component Type ating Energy Source Natural Gas	30% Other Obs Location Explanat	: Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost	Affected Ill Station Futur Year	: 100% n And Smoke Deter e Replacement	ctors M Cycle	aintenance	Priori
Generic, Analog echanical stem Component Type ating Energy Source Natural Gas Conversion Equipment	30% Other Obs Location Explanat % of Total	: Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost	Affected ull Station Futur Year FY 2049	: 100% n And Smoke Deter e Replacement Estimated Cost * *	Cycle (Yrs)	aintenance Estimated Cost	Priori
Generic, Analog echanical stem Component Type ating Energy Source Natural Gas	30% Other Obs Location Explanat % of Total 100%	: Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost (Years)	Affected ull Station Futur Year FY 2049 2034	: 100% n And Smoke Deter e Replacement Estimated Cost * *	Cycle (Yrs)	aintenance	Priori
Generic, Analog echanical stem Component Type ating Energy Source Natural Gas Conversion Equipment	30% Other Obs Location Explanat % of Total 100% 100% Other Obs	: Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost (Years)	Affected ull Station Futur Year FY 2049 2034	: 100% n And Smoke Deter e Replacement Estimated Cost * *	Cycle (Yrs)	aintenance Estimated Cost	Priori
Generic, Analog echanical stem Component Type ating Energy Source Natural Gas Conversion Equipment	30% Other Obs Location Explanat % of Total 100% 100% Other Obs Location	: : Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Boiler Room	Affected ull Station Futur Year FY 2049 2034	: 100% n And Smoke Deter e Replacement Estimated Cost * *	Cycle (Yrs)	aintenance Estimated Cost	Priori
Generic, Analog echanical stem Component Type ating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	30% Other Obs Location Explanat % of Total 100% 100% Other Obs Location	: Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost (Years)	Affected ull Station Futur Year FY 2049 2034	: 100% n And Smoke Deter e Replacement Estimated Cost * *	Cycle (Yrs)	aintenance Estimated Cost	Priori
Generic, Analog echanical stem Component Type ating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution	30% Other Obs Location Explanat % of Total 100% 100% Other Obs Location Explanat	: : Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Boiler Room	Affected Ill Station Futur Year FY 2049 2034 Affected	: 100% n And Smoke Deter e Replacement Estimated Cost ** **	Cycle (Yrs)	aintenance Estimated Cost \$10,900	Priori
Generic, Analog echanical stem Component Type ating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	30% Other Obs Location Explanat % of Total 100% 100% Other Obs Location	: : Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Boiler Room	Affected ull Station Futur Year FY 2049 2034	: 100% n And Smoke Deter e Replacement Estimated Cost * *	Cycle (Yrs)	aintenance Estimated Cost	Priori
Generic, Analog echanical stem Component Type ating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	30% Other Obs Location Explanat % of Total 100% 100% Other Obs Location Explanat 100%	: : Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Boiler Room	Affected Ill Station Futur Year FY 2049 2034 Affected 2037	: 100% n And Smoke Deter e Replacement Estimated Cost ** ** : 100% **	Cycle (Yrs) 1 1	aintenance Estimated Cost \$10,900 \$1,600	Priori
Generic, Analog echanical stem Component Type ating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	30% Other Obs Location Explanat % of Total 100% 0ther Obs Location Explanat 100%	: : Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Boiler Room	Affected Ill Station Futur Year FY 2049 2034 Affected 2037 2029	: 100% n And Smoke Deter e Replacement Estimated Cost ** : 100% ** \$183,400	Cycle (Yrs) 1 1 4	aintenance Estimated Cost \$10,900 \$1,600 \$8,100	Priori
Generic, Analog  echanical  stem Component Type  ating Energy Source Natural Gas Conversion Equipment Hot Water Boiler  Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	30% Other Obs Location Explanat % of Total 100% 100% Other Obs Location Explanat 100%	: : Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Boiler Room	Affected Ill Station Futur Year FY 2049 2034 Affected 2037	: 100% n And Smoke Deter e Replacement Estimated Cost ** ** : 100% **	Cycle (Yrs) 1 1	aintenance Estimated Cost \$10,900 \$1,600	Priori
Generic, Analog echanical stem Component Type ating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	30% Other Obs Location Explanat % of Total 100% 0ther Obs Location Explanat 100%	: : Throughout The Building tion : Strobe Light, Manual Pu Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Basement Boiler Room	Affected Ill Station Futur Year FY 2049 2034 Affected 2037 2029	: 100% n And Smoke Deter e Replacement Estimated Cost ** : 100% ** \$183,400	Cycle (Yrs) 1 1 4	aintenance Estimated Cost \$10,900 \$1,600 \$8,100	Priori

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

Asset # : 13290

Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment							
Split Unit	40%		2034	* *			
No Component	60%						
Distribution	1000/		TIPP	* *	•	<b>#20</b> 500	
Ductwork/Diffusers	100%		LIFE	* *	2	\$28,500	
Terminal Devices Air Handler/Cool/Ht	70%		2029	\$68,300	1	\$9,500	
No Component	30%		2029	\$08,500	1	\$9,500	
Heat Rejection	3070						
Air Cooled Condenser	70%		2029	\$12,300	2	\$10,700	
Unit	7070		2027	\$12,500	2	\$10,700	
No Component	30%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$12,200	
Exhaust Fans							
Interior	50%		2029	\$38,700	2	\$300	
Roof	50%		2029	\$18,000	2	\$300	
Plumbing							
H/C Water Piping	000/		• • • • •	ata ata			
Brass/Copper	80%		2039	* *	1		
Galvanized Steel	20%		2034	* *	1		
Water Heater	100%		2027	¢12 200	2	\$200	
Gas Fired Sanitary Piping	100%		2027	\$13,300	2	\$300	
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070		LIFL		1		
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	10070		LIIL		1		
Submersible	100%		2022	\$700	4	\$700	
Sewage Ejector(s)				<b>4</b> , <b>0</b>	-		
Electric	100%		2034	* *	4	\$1,300	
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
		ervation, Extent : Light, Area	Affected	1:100%			
		: Basement To 2nd Floor					
F'	Explana	tion : 1 Unit					
Fire Suppression							
Sprinkler No Component	70%						
Generic	30%		2039	* *	1-2	\$1,800	
Utilitie	5070		2039		1-2	\$1,000	

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

#### Page: 90

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

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 2021 - 2024	FY 2025 - 2030
Exterior Architecture		\$39,800
Total		\$39,800
Importance Code A		\$39,800
Total		\$39,800

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture		\$2,600		
Interior Architecture		\$4,500	\$4,300	
Electrical	\$300	\$800	\$300	\$300
Mechanical	\$4,100	\$3,300	\$5,200	\$3,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$8,400	\$15,000	\$13,700	\$8,000
Importance Code A	\$900	\$3,500	\$900	\$900
Importance Code B	\$7,500	\$11,100	\$12,800	\$7,100
Importance Code C		\$400		
Total	\$8,400	\$15,000	\$13,700	\$8,000



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

Asset # : 13291

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							
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	
Interior						. ,	
Floors							
Carpet	60%		2029	\$115,300	3	\$12,800	
Ceramic Tile	5%		2042	**	5	\$700	
Sheet Vinyl/Rubber	35%		2037	* *	5	\$7,500	
Interior Walls	5570		2007		5	<i><i><i>q</i></i>,<i>3</i>,<i>0</i>,<i>0</i>,<i>0</i>,<i>0</i>,<i>0</i>,<i>0</i>,<i>0</i>,<i>0</i>,<i>0</i>,<i>0</i></i>	
Ceramic Tile	5%		2042	* *	5	\$800	
Gypsum Board	45%		LIFE	* *	5	\$4,400	
No Component	50%				5	φτ,του	
	Other Obs Location	ervation, Extent : Light, Area : Throughout ion : Exterior Glass Wall	Affected	! : 0%			
Cailings	Ехрійниі	ion . Exterior Glass wall					
Ceilings Embossed Metal	100%		LIFE	* *	5	\$6,300	
	10070		LIFE		5	\$0,500	
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			•				
Service Equipment Fused Disc Sw	100%						
		arvation Extant · Light Area	2057	**	5	\$100	
	Other Obs	ervation, Extent : Light, Area			5	\$100	
	Other Obs Location	: Electrical Room	Affected	': 100%	5	\$100	
	Other Obs Location	-	Affected	': 100%	5	\$100	
Switchgear / Switchboard Fused Disc Sw	Other Obs Location	: Electrical Room	Affected	': 100%	5	\$100	
Fused Disc Sw Raceway	Other Obs Location Explanat 100%	: Electrical Room	Affected <u>n Discon</u> 2057	1 : 100% nect Switch * *	5		
Fused Disc Sw Raceway Conduit	Other Obs Location Explanat	: Electrical Room	Affected n Discon	' : 100% nect Switch			
Fused Disc Sw Raceway Conduit Panelboards	Other Obs Location Explanat 100%	: Electrical Room	Affected n Discon 2057 2057	2 : 100% nect Switch ** **	5		
Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw	Other Obs Location Explanat 100% 100% 5%	: Electrical Room	Affected <u>n Discon</u> 2057 2057 2052	1 : 100% nect Switch * *	5	\$100	
Fused Disc Sw Raceway Conduit Panelboards	Other Obs Location Explanat 100%	: Electrical Room	Affected n Discon 2057 2057	2 : 100% nect Switch ** **	5		
Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw	Other Obs Location Explanat 100% 100% 5%	: Electrical Room	Affected <u>n Discon</u> 2057 2057 2052	2 : 100% nect Switch ** ** **	5 1 5	\$100	
Fused Disc Sw         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring	Other Obs Location Explanat 100% 100% 5% 95%	: Electrical Room	Affected n Discon 2057 2057 2052 2052	2 : 100% nect Switch ** ** **	5 1 5 5	\$100	
Fused Disc SwRacewayConduitPanelboardsFused Disc SwMolded Case BkrsWiringThermoplasticMotor Controllers	Other Obs Location Explanat 100% 100% 5% 95%	: Electrical Room	Affected n Discon 2057 2057 2052 2052	2 : 100% nect Switch ** ** **	5 1 5 5 1	\$100	
Fused Disc Sw         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted	Other Obs Location Explanat 100% 100% 5% 95%	: Electrical Room	Affected <u>n Discon</u> 2057 2057 2052 2052 2052 2057	2 : 100% nect Switch ** ** ** ** ** **	5 1 5 5	\$100	
Fused Disc Sw         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted         Ground	Other Obs Location Explanat 100% 100% 5% 95%	: Electrical Room	Affected <u>n Discon</u> 2057 2057 2052 2052 2052 2057	2 : 100% nect Switch ** ** ** ** ** **	5 1 5 5 1	\$100	
Fused Disc Sw         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted	Other Obs Location Explanat 100% 100% 5% 95%	: Electrical Room	Affected <u>n Discon</u> 2057 2057 2052 2052 2052 2057	2 : 100% nect Switch ** ** ** ** ** **	5 1 5 5 1	\$100	

Lighting

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

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

#### Asset # : 13291

		Asset # : 1					
Electrical		Current Repair	Futu	re Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	90%		2037	* *	10	\$14,900	
	Location	rervation, Extent : Light, Are : Throughout The Building tion : T-8 Lamps	a Affectea	1 : 100%			
Fluorescent	10%		2037	* *	10	\$1,700	
	-	Fluorescent Light, Extent : M a : Throughout The Building	loderate, .	Area Affected : 100	0%		
Egress Lighting							
Emergency, Battery	50%		2037	* *	10	\$2,200	
Exit, LED	50%		2067	* *	1		
Exterior Lighting	10001		<b>.</b>		10	<i></i>	
HID	100%		2037	* *	10	\$100	
Alarm							
Security System	000/						
No Component	80%		2027	* *	1	¢1 200	
Generic	20%		2037		1	\$1,300	
Fire/Smoke Detection	80%						
No Component Generic, Digital	80% 20%		2037	* *	1-3	\$2,200	
	2070		2037		1-3	\$2,200	
	2070	Current Repair				-	
Mechanical		Current Repair	Futu	re Replacement	M	aintenance	
	% of Total	Current Repair Fail Date Estimated Cost (Years)	Futu		M	-	Priority
Mechanical System Component Type	% of	Fail Date Estimated Cost	Futu Year	re Replacement	M Cycle	aintenance	Priority
Mechanical System Component Type Heating	% of	Fail Date Estimated Cost	Futu Year	re Replacement	M Cycle	aintenance	Priority
Mechanical System Component Type	% of	Fail Date Estimated Cost	Futu Year	re Replacement	M Cycle	aintenance	Priority
Mechanical System Component Type Heating Energy Source Natural Gas	% of Total	Fail Date Estimated Cost	Futur Year FY	re Replacement Estimated Cost	M Cycle (Yrs)	aintenance	Priority
Mechanical System Component Type Heating Energy Source	% of Total	Fail Date Estimated Cost	Futur Year FY	re Replacement Estimated Cost	M Cycle (Yrs)	aintenance	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment	% of Total 100%	Fail Date Estimated Cost	Futur Year FY 2047	re Replacement Estimated Cost * *	M Cycle (Yrs) 1	aintenance Estimated Cost	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	% of Total 100%	Fail Date Estimated Cost	Futur Year FY 2047	re Replacement Estimated Cost * *	M Cycle (Yrs) 1	aintenance Estimated Cost	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	% of Total 100% 100%	Fail Date Estimated Cost (Years)	<b>Futur</b> Year FY 2047 2047	re Replacement Estimated Cost * * * *	M Cycle (Yrs) 1	aintenance Estimated Cost \$8,900	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	% of Total 100% 100% 80%	Fail Date Estimated Cost (Years)	<b>Futur</b> Year FY 2047 2047	re Replacement Estimated Cost * * * *	M Cycle (Yrs) 1	aintenance Estimated Cost \$8,900 \$900 \$8,900	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	% of Total 100% 100%	Fail Date Estimated Cost (Years)	Futur           Year           FY           2047           2047           2052	re Replacement Estimated Cost ** ** **	Cycle (Yrs) 1 1 4	aintenance Estimated Cost \$8,900 \$900	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning	% of Total 100% 100% 80%	Fail Date Estimated Cost (Years)	Futur Year FY 2047 2047 2052 2037	re Replacement Estimated Cost ** ** **	M Cycle (Yrs) 1 1 4 1	aintenance Estimated Cost \$8,900 \$900 \$8,900	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source	% of Total 100% 100% 100% 80% 20%	Fail Date Estimated Cost (Years)	Future           Year           FY           2047           2047           2052           2037           2047	e Replacement Estimated Cost ** ** ** **	M Cycle (Yrs) 1 1 4 1	aintenance Estimated Cost \$8,900 \$900 \$8,900	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity	% of Total 100% 100% 80%	Fail Date Estimated Cost (Years)	Futur Year FY 2047 2047 2052 2037	re Replacement Estimated Cost ** ** **	M Cycle (Yrs) 1 1 4 1	aintenance Estimated Cost \$8,900 \$900 \$8,900	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment	% of Total 100% 100% 80% 20% 100%	Fail Date Estimated Cost (Years)	Future           Year           FY           2047           2047           2052           2037           2047           2043	re Replacement Estimated Cost ** ** ** ** ** **	M Cycle (Yrs) 1 1 4 1 1 1	aintenance Estimated Cost \$8,900 \$900 \$8,900 \$1,200	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	% of Total 100% 100% 100% 80% 20%	Fail Date Estimated Cost (Years)	Future           Year           FY           2047           2047           2052           2037           2047	e Replacement Estimated Cost ** ** ** **	M Cycle (Yrs) 1 1 4 1	aintenance Estimated Cost \$8,900 \$900 \$8,900	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling	% of Total 100% 100% 80% 20% 100%	Fail Date Estimated Cost (Years)	Future           Year           FY           2047           2047           2052           2037           2047           2043	re Replacement Estimated Cost ** ** ** ** ** **	M Cycle (Yrs) 1 1 4 1 1 1	aintenance Estimated Cost \$8,900 \$900 \$8,900 \$1,200	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling Terminal Devices	% of Total 100% 100% 80% 20% 100%	Fail Date Estimated Cost (Years)	Future           Year           FY           2047           2047           2047           2052           2037           2047           2037           2043           2037	e Replacement Estimated Cost ** ** ** ** ** ** **	M Cycle (Yrs) 1 1 4 1 1 1 2	aintenance Estimated Cost \$8,900 \$900 \$8,900 \$1,200 \$1,100	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling Terminal Devices Air Handler/Cool/Ht	% of Total 100% 100% 80% 20% 100%	Fail Date Estimated Cost (Years)	Future           Year           FY           2047           2047           2052           2037           2047           2043	re Replacement Estimated Cost ** ** ** ** ** **	M Cycle (Yrs) 1 1 4 1 1 1	aintenance Estimated Cost \$8,900 \$900 \$8,900 \$1,200	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling Terminal Devices Air Handler/Cool/Ht	% of Total 100% 100% 80% 20% 100%	Fail Date Estimated Cost (Years)	Future           Year           FY           2047           2047           2047           2052           2037           2047           2037           2043           2037	e Replacement Estimated Cost ** ** ** ** ** ** **	M Cycle (Yrs) 1 1 4 1 1 1 2	aintenance Estimated Cost \$8,900 \$900 \$8,900 \$1,200 \$1,100	Priority
Mechanical System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling Terminal Devices	% of Total 100% 100% 80% 20% 100%	Fail Date Estimated Cost (Years)	Future           Year           FY           2047           2047           2047           2052           2037           2047           2037           2043           2037	e Replacement Estimated Cost ** ** ** ** ** ** **	M Cycle (Yrs) 1 1 4 1 1 1 2	aintenance Estimated Cost \$8,900 \$900 \$8,900 \$1,200 \$1,100	Priority

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

#### Asset # : 13291

Mechanical	Current Repair	Current Repair Future Replacemen			aintenance		
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
Ventilation							
Exhaust Fans							
Roof	100%	2037	* *	2	\$600		
Plumbing							
H/C Water Piping							
Brass/Copper	100%	2057	* *	1			
Water Heater							
Gas Fired	100%	2027	\$10,900	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 Observation, Extent	: Light, Area Affected : 10	00%				
	Location : Basement To 2	2nd Floor					
	Explanation : 1 Unit						
Fire Suppression							
Sprinkler							
No Component	60%						
Generic	40%	2057	* *	1-2	\$2,000		

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

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: GLENDALE BRANCH LIBRARY		
Address	: 78-60 73RD PL.		
Borough	: QUEENS	Agency's Number	: GL
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 : 47	BIN	: 4090100

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	\$177,700	
Interior Architecture	\$63,200	\$40,900
Electrical	\$40,500	\$5,400
Mechanical	\$81,100	\$65,100
Site Enclosure	\$35,200	
Total	\$397,600	\$111,300
Importance Code A	\$177,700	
Importance Code B	\$184,700	\$111,300
Importance Code C	\$35,200	
Total	\$397,600	\$111,300

Total	\$28,800	\$6,600	\$58,000	\$91,300
Importance Code C	\$1,000			
Importance Code B	\$19,200	\$5,600	\$56,800	\$89,800
Importance Code A	\$8,500	\$1,000	\$1,100	\$1,500
Total	\$28,800	\$6,600	\$58,000	\$91,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Site Pavements	\$500			
Site Enclosure	\$800			
Mechanical	\$1,700	\$1,800	\$19,600	\$1,600
Electrical	\$10,300	\$400	\$33,300	\$300
Interior Architecture	\$3,900	\$600	\$1,100	\$85,000
Exterior Architecture	\$7,500			\$500
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024



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

#### Asset # : 13292

Architecture	Current Repair Future Replacement					М	Maintenance		
ystem Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
xterior									
Exterior Walls									
Masonry: Brick	90% Broken/Mis. Location :	sing Elem	\$122,000 ents, Extent : Mod	LIFE erate, Ar	* * ea Affected : 2%	5	\$19,100	1	
			out Madauata A	an Affan	tod . 50/				
			ent : Moderate, Ai t Corner, Chimne		ieu . 576				
		Miss/Erod	, Extent : Modera		Affected : 50%				
		-	, Extent : Severe,	Area Affe	ected : 25%				
	Location :	At Windo	w Openings Throi	ıghout					
Masonry: Limestone	5%			LIFE	* *	5	\$800		
Stucco Cement	5%	Now	\$6,500	2033	* *	5	\$1,300		
			Extent : Moderate	e, Area Aj	ffected : 25%				
			ll Above Roof						
			ctent : Moderate, A	Area Affe	cted : 10%				
	Location :	South Wa	ll Above Roof						
Windows									
Aluminum	90%			2036	* *	5	\$2,100		
Aluminum	10%			2050	* *	5	\$200		
Parapets	0.50/				* *	-	<b>* 4 5</b> 00		
Masonry: Brick	95%			LIFE	* *	5	\$4,500		
Metal Panel	5%			2054	* *	5	\$900		
Roof	50/			2027	* *	10	¢100		
Asphalt Shingle	5% 20%			2037 2038	* *	10 10	\$100 \$2,600		
Clay Tile Modified Bitumen	20% 75%	0-2	\$55,700	2038	* *	10	\$2,600	1	
Modified Bitumen			\$55,700 tent : Severe, Are					1	
	Location :			u mjecie	u . 2070				
terior									
Floors									
Carpet	40%			2024	\$81,900	3	\$12,100		
Carpet	15%			2029	\$30,700	3	\$3,400		
Cast in Place Concrete	10%			LIFE	* *	5	\$3,300		
Ceramic Tile	5%			2031	* *	5	\$800		
Vinyl Tile	30%			2028	\$40,900	3	\$1,700		
Interior Walls									
Gypsum Board	10%			LIFE	* *	5	\$600		
Plaster		Now	\$500	LIFE	* *	5	\$200		
	-	-	Extent : Severe, A r, Main Library A						
			tent : Moderate, 2 r, Main Library A						
Plaster	70%	-	-	LIFE	* *	5	\$2,300		
Wood	15%			LIFE	* *	5	\$6,500		

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

#### Asset # : 13292

	Current I	Repair	Futur	e Replacement	М	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
				* *	5	\$1,500	
			Area Aff	ected : 100%			
15%			LIFE	* *			
		\$63,200	LIFE	* *	5	\$7,100	
-	-			eted : 20%			
	0	ents, Extent : Seve	re, Area	Affected : 5%			
				1 2007			
		l, Extent : Severe, .	Area Affe	ected : 30%			
Location	i : Various						
1000/		<b>\$</b> 000	2040	ala ala			
-	-	Extent : Moderate	e, Area Aj	ffected : 5%			
		, , <u>,</u> , , , ,	ACC / 1	50/			
		xtent : Light, Area	Ajjeciea	: 5%			
Locuiton	i . Vurious						
100%			2041	* *			
10070			2011				
90%	2-4	\$300	2041	* *			
				cted : 5%			
	-		555				
	•		LIEE	* *			
				ected : 100%			
-			11.0001155				
	Current	Repair	Futur	e Replacement	М	aintenance	
			i utui	e Keplacement			
% of		Estimated Cost		Estimated Cost		<b>Estimated</b> Cost	Priorit
% of Total				-		Estimated Cost	Priorit
	Fail Date		Year	-	Cycle	Estimated Cost	Prioriț
	Fail Date		Year	-	Cycle	Estimated Cost	Priorit
Total	Fail Date		Year FY	Estimated Cost	Cycle (Yrs)		Priorit
<b>Total</b>	Fail Date (Years)	Estimated Cost	Year FY 2028	Estimated Cost \$1,600	Cycle	Estimated Cost \$300	Priorit
Total 100% Other Obs	Fail Date (Years)	Estimated Cost	Year FY 2028	Estimated Cost \$1,600	Cycle (Yrs)		Priorit
Total 100% Other Obs Location	Fail Date (Years)	Estimated Cost Extent : Moderate, .	Year FY 2028 Area Affe	<b>Estimated Cost</b> \$1,600 ected : 100%	Cycle (Yrs)		Priorit
Total 100% Other Obs Location	Fail Date (Years)	Estimated Cost	Year FY 2028 Area Affe	<b>Estimated Cost</b> \$1,600 ected : 100%	Cycle (Yrs)		Priorit
Total 100% Other Obs Location	Fail Date (Years)	Estimated Cost Extent : Moderate, .	Year FY 2028 Area Affe Disconn	Estimated Cost \$1,600 ected : 100% ect Switch	Cycle (Yrs) 5		Priorit
Total 100% Other Obs Location Explana	Fail Date (Years)	Estimated Cost Extent : Moderate, .	Year FY 2028 Area Affe	<b>Estimated Cost</b> \$1,600 ected : 100%	Cycle (Yrs)	\$300	Priorit
Total 100% Other Obs Location Explana	Fail Date (Years)	Estimated Cost Extent : Moderate, .	Year FY 2028 Area Affe Disconn	Estimated Cost \$1,600 ected : 100% ect Switch	Cycle (Yrs) 5	\$300	Priorit
	Total         10%         Recent Reg         Location         15%         75%         Cracking/         Location         100%         Broken/M         Location         Jnt Morta         Location         100%         Cracking/         Location         100%         Solution         100%         Caulking	% of Total       Fail Date (Years)         10%       Recent Replace Evide Location : Children 15%         75%       0-2         Cracking/Crumbling, Location : Library Z         100%       2-4         Broken/Missing Elem Location : Various         Jnt Mortar Miss/Eroo Location : Various         Jnt Mortar Miss/Eroo Location : Various         J00%       4+         Cracking/Crumbling, Location : Various         Water Penetration, E. Location : Various         100%       4+         100%       4+         Coase/Delam Surface Location : Myrtle A         10%       4+         Caulking Deteriorate Location : Main En	% of Fail Date Estimated Cost Total (Years)         10%         Recent Replace Evident, Extent : Light, Location : Childrens Reading Area         15%         75%       0-2         \$63,200         Cracking/Crumbling, Extent : Severe, A Location : Library Area, Mezzanine &         100%       2-4         \$35,200         Broken/Missing Elements, Extent : Severe, A Location : Various         Jnt Mortar Miss/Erod, Extent : Severe, A Location : Various         100%       4+         \$800         Cracking/Crumbling, Extent : Moderate Location : Various         Mater Penetration, Extent : Light, Area Location : Various         100%         100%         20%         2-4         \$300         Location : Various         100%         100%         100%         200         Caulking Deteriorated, Extent : Severe, A Location : Main Entry Steps	% of Fail Date Estimated Cost Total (Years)       Year FY         10%       2045         Recent Replace Evident, Extent : Light, Area Affelocation : Childrens Reading Area       International Control of the second	% of TotalFail Date (Years)Stimated Cost FY10%2045**10%2045**Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Childrens Reading AreaLIFE**15%LIFE**75%0-2\$63,200LIFE**Cracking/Crumbling, Extent : Severe, Area Affected : 20% Location : Library Area, Mezzanine & Various**100%2-4\$35,2002054**Broken/Missing Elements, Extent : Severe, Area Affected : 5% Location : Varioussevere, Area Affected : 5% Location : Various**100%4+\$8002048**100%2-4\$3002041**100%2-4\$3002041**100%2-4\$3002041**100%2-4\$3002041**100%2-4\$3002041**100%4+\$200LIFE**10%4+\$200LIFE**10%4+\$200LIFE**Caulking Deteriorated, Extent : Severe, Area Affected : 5% Location : Main Entry StepsLIFE**	% of Total (Years)Fail Date (Years)Estimated Cost (Yrs)Cycle (Yrs)10%2045**5Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Childrens Reading AreaLIFE**15%LIFE**5Cracking/Crumbling, Extent : Severe, Area Affected : 20% Location : Library Area, Mezzanine & Various**100%2-4\$35,2002054**Broken/Missing Elements, Extent : Severe, Area Affected : 5% Location : Various****100%4+\$8002048**100%4+\$8002048**100%2-4\$3002041**100%2-4\$3002041**100%2-4\$3002041**100%2-4\$3002041**100%2-4\$3002041**100%2-4\$3002041**100%2-4\$3002041**100%4+\$200LIFE**100%4+\$200LIFE**100%4+\$200LIFE**100%4+\$200LIFE**100%4+\$200LIFE**2041**2041**100%2-4\$3002041**2041**2041**2041**2041** <td< td=""><td>% of Fail Date Estimated Cost Total (Years)Year Estimated Cost FYCycle (Yrs)Estimated Cost (Yrs)10%2045**5\$1,500Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Childrens Reading Area15%LIFE**15%0-2\$63,200LIFE**5\$7,100Cracking/Crumbling, Extent : Severe, Area Affected : 20% Location : Library Area, Mezzanine &amp; Various**\$75%0-2\$63,200100%2-4\$35,2002054****Broken/Missing Elements, Extent : Severe, Area Affected : 5% Location : VariousSovere, Area Affected : 30%\$**100%4+\$8002048**100%2041**100%2041**100%2041**100%2041**100%2041**2041**205/Delam Surface, Extent : Severe, Area Affected : 5% Location : Various\$200100%2041**100%2041**2041**205/Delam Surface, Extent : Severe, Area Affected : 5% Location : Myrtle Ave\$20010%4+\$200LIFE10%4+\$200LIFE10%4+\$200LIFE10%4+\$200LIFE10%4+\$200LIFE10%4+\$200LIFE10%4+\$200LIFE10%4+\$200LIFE10%</td></td<>	% of Fail Date Estimated Cost Total (Years)Year Estimated Cost FYCycle (Yrs)Estimated Cost (Yrs)10%2045**5\$1,500Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Childrens Reading Area15%LIFE**15%0-2\$63,200LIFE**5\$7,100Cracking/Crumbling, Extent : Severe, Area Affected : 20% Location : Library Area, Mezzanine & Various**\$75%0-2\$63,200100%2-4\$35,2002054****Broken/Missing Elements, Extent : Severe, Area Affected : 5% Location : VariousSovere, Area Affected : 30%\$**100%4+\$8002048**100%2041**100%2041**100%2041**100%2041**100%2041**2041**205/Delam Surface, Extent : Severe, Area Affected : 5% Location : Various\$200100%2041**100%2041**2041**205/Delam Surface, Extent : Severe, Area Affected : 5% Location : Myrtle Ave\$20010%4+\$200LIFE10%4+\$200LIFE10%4+\$200LIFE10%4+\$200LIFE10%4+\$200LIFE10%4+\$200LIFE10%4+\$200LIFE10%4+\$200LIFE10%

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

Asset # : 13292

Electrical		Current R	epair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2044	* *	5		
Molded Case Bkrs	80%			2027	\$12,700	5	\$200	
Molded Case Bkrs	15%			2044	* *	5		
Wiring								
Thermoplastic	80%			2028	\$23,500	1		
Thermoplastic	20%			2048	* *	1		
Ground								
Grounding Devices								
Generic	Location	2-4 ervation, E: : Water Ma tion : Corro		LIFE 4rea Affe	* * ected : 100%	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	85%			2038	* *	10	\$7,900	
	-		es, Extent : Mode out The Building	rate, Are	a Affected : 100%			
Fluorescent	5%			2028	\$5,400	10	\$500	
	Location	: Basement	xtent : Moderate, 2 t act Fluorescent Li		ected : 100%			
Fluorescent	10%	-		2033	* *	10	\$900	
	T-5 Lamp	s And Fixtur : Childrens			a Affected : 100%	10	<i>\$</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Egress Lighting								
Emergency, Battery	50%			2023	\$7,200	10	\$1,200	
Exit, LED	5%			2068	* *	1		
Exit, Service	45%			2023	\$700	1		
Exterior Lighting								
HID	100%			2023	\$40,500	10		
Alarm								
Security System								
No Component	30%							
Generic	70%			2023	\$22,700	1	\$2,700	
			xtent : Moderate, 2	4rea Affe	ected : 100%			
		0	out The Building					
	Explana	tion : Intrus	ion Alarm Only					

Mechanical	Current Rep	air Futur	e Replacement	M	aintenance	
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%	2048	* *	1		

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

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

#### Asset # : 13292

Mechanical	Current Repair Future Re			e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Conversion Equipment Steam Boiler	Location	ervation, Extent : Light, Area : Basement Boiler Room tion : 1 Unit	2033 Affected	* *	1	\$10,000	
Distribution Central Plant Steam Piping/Pmp	100%		2038	* *	4	\$800	
Terminal Devices Convector/Radiator	100%		2033	* *	1	\$3,300	
Air Conditioning Energy Source Electricity	100%		2044	* *	1		
Conversion Equipment Exterior Pkg Unit - Cooling	80%		2028	\$65,100	2	\$500	
0	R-22 Refr Location	igerant, Extent : Light, Area A 1 : Roof	ffected :	80%			
Split Unit		igerant, Extent : Light, Area A 1 : Basement	2023 ffected :	\$42,900 20%			
Terminal Devices Fan Coil - 2 Pipe No Component	20% 80%		2023	\$38,200	1	\$700	
Heat Rejection Dry Cooler No Component	20% 80%		2023	\$10,900	2	\$1,400	
Ventilation Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,700	
Exhaust Fans Roof No Component	30% 70%		2033	* *	2	\$100	
Plumbing H/C Water Piping Brass/Copper	100%		2038	* *	1		
Water Heater Gas Fired	100%		2023	\$6,100	2	\$100	
Sanitary Piping Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
Sump Pump(s) Non-Submersible	100%		2028	\$1,500	4	\$200	

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

#### Asset # : 13292

Mechanical	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	imated 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%					

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

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### Page : 100

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address	<ul><li>HILLCREST BRANCH LIBRARY</li><li>187-05 UNION TURNPIKE</li></ul>		
Borough	: QUEENS	Agency's Number	: H
Program / Asset #	: QPL0H26.000 / 13293	Yr Built/Renovated	: 1980 / 2006
Area Sq Ft	: 7,598	<b>Project</b> Type	: QUEENS PUBLIC LIBRARY
Date of Survey	: 03-Oct-2018	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1		
Block	: 7204 Lot : 40	BIN	: 4155032

CAPITAL		FY 2021 - 2024		FY 2025 - 2030
Exterior Architecture		\$103,500		
Electrical				\$76,500
Mechanical				\$197,200
Total		\$103,500		\$273,700
Importance Code A		\$103,500		\$40,600
Importance Code B				\$233,000
Total		\$103,500		\$273,700
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$28,200			
Interior Architecture	\$15,100		\$3,900	\$400
Electrical	\$7,000	\$600	\$800	\$700
Mechanical	\$4,200	\$1,100	\$2,300	\$1,000
Site Pavements	\$6,900			
Total	\$61,400	\$1,700	\$6,900	\$2,100
Importance Code A	\$28,600	\$400	\$400	\$400
Importance Code B	\$27,400	\$1,300	\$6,600	\$1,500
Importance Code C	\$5,400		-	\$200
Total	\$61,400	\$1,700	\$6,900	\$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.

Asset # : 13293

rchitecture		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$18,200	
Masonry: Limestone	25%	4+	\$17,600	LIFE	**	5	\$2,300	
	-	Discoloring, a : All Faca	Extent : Moderate des	, Area A	<i>ffected</i> : 20%			
Windows	Locanor		405					
Aluminum	100%	2-4	\$1,200	2038	* *	5	\$700	
	Hardware	Missing, E	Extent : Moderate, A	Area Affe	ected : 2%			
	Location	: Meeting	Room					
Parapets								
Metal Panel	50%			2050	* *	5	\$1,900	
Metal Panel	50%			2050	* *	5	\$1,900	
Roof								
Modified Bitumen		Now	\$103,500	2035	* *			
			derate, Area Affect	ed : 20%				
			nd East Sides					
	-	-	tent : Moderate, A 1d East Sides	rea Affec	eted : 20%			
Soffits								
Stucco Cement	100%		\$300	2043	* *	5	\$600	
	-	Crumbling, : Union Ti	Extent : Moderate	, Area A	ffected : 2%			
terior	Locuitor	. <i>Onion</i> 11	иприке					
Floors								
Carpet	85%			2029	\$102,600	3	\$11,400	
Cast in Place Concrete	5%			LIFE	**	5	\$2,000	
Ceramic Tile	5%			2039	* *	5	\$400	
Vinyl Tile	5%			2035	* *	3	\$200	
Interior Walls								
Ceramic Tile	3%			2039	* *	5	\$400	
Concrete Masonry Unit	82%			LIFE	* *	5	\$7,900	
Gypsum Board	10%			LIFE	* *	5-10	\$2,000	
Masonry: Brick	5%			LIFE	* *	10	\$200	
Ceilings								
AcousTileConcealSpLn			\$7,700	2035	* *	5	\$5,600	
-			xtent : Severe, Are	a Affecte	d : 5%			
	Location	e : Staff Wo	rk Room					
Gypsum Board	5%			LIFE	* *	5-10	\$1,600	
te Enclosure							-	
Fence/Gates								
Chain Link	100%			2050	* *			
Free Standing Walls								
8								

Site Pavements

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

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

#### Asset # : 13293

		ASSEL # . 1.	5233				
Architecture		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ite Pavements							
Public Sidewalk	1000/		• • • •				
Cast in Place Concrete	-	4+ \$6,900 Bulging, Extent : Severe, A Union Turnpike At Tree	2043 rea Affect	* * ed : 5%			
On-Site Walkways							
Cast in Place Concrete	20%		2043	* *			
Pavers/Stone	80%		2039	* *			
Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System	% of F	Fail Date Estimated Cost	Year	<b>Estimated</b> Cost	Cvcle	Estimated Cost	Priorit
Component Type		(Years)	FY		(Yrs)		
Inder 600 Volts							
Service Equipment	1000/		2020	¢1 (00	5	\$200	
Molded Case Bkrs	100%		2030	\$1,600	5	\$200	
		rvation, Extent : Light, Arec Electrical Room	і Ајјестеа	: 100%			
		n : No Available Nameplat	e Ratina	Canacity			
Switchgear / Switchboard	Елрининс		e Ruing	Cupucity			
Molded Case Bkrs	100%		2030	\$34,200	5	\$200	
Raceway	10070		2000	<i>\$0.1,200</i>	U	¢200	
Conduit	10%		2040	* *	1		
Conduit	90%		2030	\$29,800	1		
Panelboards							
Molded Case Bkrs	100%		2029	\$15,800	5	\$200	
Wiring							
Thermoplastic	10%		2040	* *	1		
Thermoplastic	90%		2030	\$26,400	1		
Motor Controllers							
Locally Mounted	100%		2028	\$16,000	5	\$100	
bround							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
ighting							
Interior Lighting				<b>*=• •</b> • • •	10	<b>*</b> < <b>*</b> < <b>*</b>	
Fluorescent	90%		2025	\$72,400	10	\$6,300	
	Location :	And Fixtures, Extent : Ligh Throughout The Building	it, Area A	ffected : 100%			
Fluorescent	5%		2030	\$4,000	10	\$300	
		uorescent Light, Extent : Li Book Case Area	ght, Area	Affected : 100%			
Fluorescent	5%		2038	* *	10	\$300	
	T-8 Lamps A	And Fixtures, Extent : Light Boiler Room And Lounge 4	, Area Afj	fected : 100%			
Egress Lighting							
Exit, Service	100%		2025	\$1,100	1		

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

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

Asset # : 13293

Electrical	C	urrent Repair	Futur	e Replacement	М	aintenance	
System Component Type		nil Date Estimated Co Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Exterior Lighting							
HID	30%		2025	\$9,100	10		
No Component	70%						
Alarm							
Security System	200/						
No Component Generic	30% 70%		2038	* *	1	\$2,000	
Generic		ation, Extent : Light, A			1	\$2,000	
		Reading Areas And From					
		1 : CCTV Surveillance (		oj The Dunung			
Fire/Smoke Detection	2.1.2 14/14/10/						
Generic, Digital	100%		2035	* *	1-3	\$4,700	
, 6		ation, Extent : Light, A		: 100%		* )	
		Throughout The Building					
	Explanation	n : Strobe Lights, Manua	al Pull Stati	ons, Alarm Bells, S	moke De	etectors And Horns	
Mechanical	C	urrent Repair	Futur	e Replacement	Μ	aintenance	
System Component Type		nil Date Estimated Co Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
leating							
Energy Source							
Natural Gas	100%		2040	* *	1		
					1		
Natural Gas	30%		2030	\$5,300	1	\$1,100	
Natural Gas Conversion Equipment	30% Other Observ	vation, Extent : Light, A	2030	\$5,300	1	\$1,100	
Natural Gas Conversion Equipment	30% Other Observ Location : 1	Roof	2030 rea Affected	\$5,300	1	\$1,100	
Natural Gas Conversion Equipment Furnace	30% Other Observ Location : I Explanation		2030 rea Affected Init	\$5,300 : 100%			
Natural Gas Conversion Equipment	30% Other Observ Location : 1 Explanation 70%	Roof 1 : 1 Rooftop Package U	2030 rea Affected Init 2028	\$5,300 : 100% \$40,600	1 1 1 1	\$1,100 \$2,600	
Natural Gas Conversion Equipment Furnace	30% Other Observ Location : I Explanation 70% Other Observ	Roof 1 : 1 Rooftop Package U vation, Extent : Light, Al	2030 rea Affected Init 2028	\$5,300 : 100% \$40,600			
Natural Gas Conversion Equipment Furnace	30% Other Observ Location : 1 Explanation 70% Other Observ Location : 1	Roof a : 1 Rooftop Package U vation, Extent : Light, Au Boiler Room	2030 rea Affected Init 2028	\$5,300 : 100% \$40,600			
Natural Gas Conversion Equipment Furnace Hot Water Boiler	30% Other Observ Location : I Explanation 70% Other Observ	Roof a : 1 Rooftop Package U vation, Extent : Light, Au Boiler Room	2030 rea Affected Init 2028	\$5,300 : 100% \$40,600			
Natural Gas Conversion Equipment Furnace Hot Water Boiler Distribution	30% Other Observ Location : I Explanation 70% Other Observ Location : I Explanation	Roof a : 1 Rooftop Package U vation, Extent : Light, Au Boiler Room	2030 rea Affected Init 2028 rea Affected	\$5,300 : 100% \$40,600	1	\$2,600	
Natural Gas Conversion Equipment Furnace Hot Water Boiler Distribution Hot Wtr Piping/Pump	30% Other Observ Location : I Explanation 70% Other Observ Location : I Explanation 70%	Roof a : 1 Rooftop Package U vation, Extent : Light, Au Boiler Room	2030 rea Affected Init 2028	\$5,300 : 100% \$40,600 : 100%			
Natural Gas Conversion Equipment Furnace Hot Water Boiler Distribution Hot Wtr Piping/Pump No Component	30% Other Observ Location : I Explanation 70% Other Observ Location : I Explanation	Roof a : 1 Rooftop Package U vation, Extent : Light, Au Boiler Room	2030 rea Affected Init 2028 rea Affected	\$5,300 : 100% \$40,600 : 100%	1	\$2,600	
Natural Gas Conversion Equipment Furnace Hot Water Boiler Distribution Hot Wtr Piping/Pump No Component Terminal Devices	30% Other Observ Location : I Explanation 70% Other Observ Location : I Explanation 70% 30%	Roof a : 1 Rooftop Package U vation, Extent : Light, Au Boiler Room	2030 rea Affected Init 2028 rea Affected 2038	\$5,300 : 100% \$40,600 : 100% * *	1	\$2,600	
Natural Gas Conversion Equipment Furnace Hot Water Boiler Distribution Hot Wtr Piping/Pump No Component Terminal Devices Air Handler	30% Other Observ Location : 1 Explanation 70% Other Observ Location : 1 Explanation 70% 30%	Roof a : 1 Rooftop Package U vation, Extent : Light, Au Boiler Room	2030 rea Affected Init 2028 rea Affected 2038 2025	\$5,300 : 100% \$40,600 : 100% * *	1 4 1	\$2,600 \$400 \$2,400	
Natural Gas         Conversion Equipment         Furnace         Hot Water Boiler         Distribution         Hot Wtr Piping/Pump         No Component         Terminal Devices         Air Handler         Convector/Radiator	30% Other Observ Location : 1 Explanation 70% Other Observ Location : 1 Explanation 70% 30% 50% 20%	Roof a : 1 Rooftop Package U vation, Extent : Light, Au Boiler Room	2030 rea Affected Init 2028 rea Affected 2038	\$5,300 : 100% \$40,600 : 100% * *	1	\$2,600	
Natural Gas         Conversion Equipment         Furnace         Hot Water Boiler         Distribution         Hot Wtr Piping/Pump         No Component         Terminal Devices         Air Handler         Convector/Radiator         No Component	30% Other Observ Location : 1 Explanation 70% Other Observ Location : 1 Explanation 70% 30%	Roof a : 1 Rooftop Package U vation, Extent : Light, Au Boiler Room	2030 rea Affected Init 2028 rea Affected 2038 2025	\$5,300 : 100% \$40,600 : 100% * *	1 4 1	\$2,600 \$400 \$2,400	
Natural Gas Conversion Equipment Furnace Hot Water Boiler Distribution Hot Wtr Piping/Pump No Component Terminal Devices Air Handler Convector/Radiator	30% Other Observ Location : 1 Explanation 70% Other Observ Location : 1 Explanation 70% 30% 50% 20%	Roof a : 1 Rooftop Package U vation, Extent : Light, Au Boiler Room	2030 rea Affected Init 2028 rea Affected 2038 2025	\$5,300 : 100% \$40,600 : 100% * *	1 4 1	\$2,600 \$400 \$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.* 

#### Asset # : 13293

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	
Air Conditioning								
Conversion Equipment						<b>** *</b> • • •		
Reciprocating Compr/Chiller	70%		2025	\$44,700	1	\$2,500		
	-	igerant, Extent : Light, Area A	ffected :	100%				
	Location	e : 1 Unit. Mechanical Room						
Ext Pkg Unit - Heating/Cooling	30%		2030	\$28,300	2	\$100		
6 6	-	igerant, Extent : Light, Area A 1 : 1 Unit. Roof	ffected :	100%				
Terminal Devices								
Air Handler/Dir	70%		2025	\$58,900	1			
Expansion								
No Component	30%							
Heat Rejection								
Air Cooled Condenser	70%		2025	\$10,600	2	\$3,700		
Unit								
No Component	30%							
Ventilation								
Distribution	1000/		LIPP	* *	2.5	¢ ( <b>7</b> 00		
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,700		
Exhaust Fans	700/		2025	¢10.700	•	<b>*2</b> 00		
Interior	70%		2025	\$18,700	2	\$200		
Roof	30%		2025	\$3,800	2	\$100		
Plumbing								
H/C Water Piping	1000/		2040	* *	1			
Brass/Copper	100%		2040	~ ~	1			
Water Heater	1000/		2020	¢1.600	2	¢100		
Gas Fired	100%		2028	\$4,600	2	\$100		
Sanitary Piping Cast Iron	100%		LIFE	* *	1			
Storm Drain Piping					-			
Cast Iron	100%		LIFE	* *	1			
Fixtures	10070		<u> </u>		-			
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.

#### Page : 105

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: HOLLIS BRANCH LIBRARY		
Address	: 202-05 HILLSIDE AVE.		
Borough	: QUEENS	Agency's Number	: HO
Program / Asset #	: QPL0H27.000 / 13294	Yr Built/Renovated	: 1973 / 1990
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 2021 - 2024	FY 2025 - 2030
Interior Architecture		\$98,200
Electrical		\$148,300
Mechanical		\$148,700
Total		\$395,200
Importance Code A		\$60,600
Importance Code B		\$334,700
Total		\$395,200

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture		\$4,100		
Interior Architecture	\$2,100	\$5,300		\$1,400
Electrical	\$800	\$32,500	\$600	\$700
Mechanical	\$5,900	\$2,300	\$4,300	\$2,100
Total	\$8,800	\$44,300	\$4,900	\$4,200
Importance Code A	\$400	\$4,600	\$400	\$400
Importance Code B	\$7,900	\$39,700	\$4,600	\$3,900
Importance Code C	\$500			
Total	\$8,800	\$44,300	\$4,900	\$4,200



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

#### Asset # : 13294

Architecture	Current Repair				e 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	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	
			xtent : Light, Area	Affected	: 100%			
		: Through						
	Explana	tion : Thern	nally Inefficient					
Roof								
Modified Bitumen	100%			2035	* *	10	\$23,500	
	-		ent, Extent : Light,	Area Affe	ected : 100%			
	Location	: Through	out					
nterior								
Floors	50/			LIPP	* *	~	¢1.200	
Cast in Place Concrete	5%			LIFE	* *	5	\$1,300	
Ceramic Tile	3%			2036		5	\$400	
Vinyl Tile	92%			2027	\$98,200	3	\$5,500	
Interior Walls	50/			2026	* *	~	¢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	4. 4.			
Ceilings	000/			2022	* *	~	¢10.700	
AcousTileSusp.Lay-In	90%			2032	* *	5	\$10,700	
Exposed Struc: Steel	10%			LIFE				
ite Enclosure								
Fence/Gates Chain Link	100%			2037	* *			
	100%			2037				
ite Pavements Public Sidewalk								
Cast in Place Concrete	100%			2032	* *			
On-Site Walkways	10070			2032				
Cast in Place Concrete	100%			2032	* *			
	10070			2032				
Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System	0/ C				-			<b>D</b> • • •
Component	% of Total		Estimated Cost	Year FY	Estimated Cost	-	Estimated Cost	Priorit
Туре	Total	(Years)		ГІ		(Yrs)		
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2027	\$1,600	5	\$200	
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%			
		: Electrica						
	Explana	tion : Main	Service Rated At 3	00 Ampe	eres.			
Switchgear / Switchboard							\$200	
Molded Case Bkrs	100%			2027	\$34,200			

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

Asset # : 13294

		ASSET # : 13294					
Electrical		Current Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Estimated (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts			•				
Raceway							
Conduit	100%		2027	\$33,200	1		
Panelboards							
Molded Case Bkrs	85%		2026	\$13,400	5	\$200	
Molded Case Bkrs	15%		2043	* *	5		
Wiring							
Thermoplastic	100%		2027	\$29,300	1		
round							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
ighting							
Interior Lighting							
Fluorescent	99%		2027	\$83,200	10	\$7,200	
	Other Obs	ervation, Extent : Light	, Area Affected	: 100%			
	Location	: Throughout The Buil	ding				
	Explanat	tion : T12 Lamp					
HID	1%		2027	\$600	10		
Egress Lighting							
Emergency, Battery	50%		2027	\$5,700	10	\$1,000	
Exit, Service	50%		2027	\$600	1	-	
Exterior Lighting							
HID	100%		2022	\$31,700	10		
larm				-			
Security System							
Generic	100%		2032	* *	1	\$3,000	
Fire/Smoke Detection							
No Component	25%						
Generic, Digital	75%		2027	\$65,200	1-3	\$3,800	
¥							
Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System	% of	Fail Date Estimated	Cost Vear	<b>Estimated</b> Cost	Cycle	<b>Estimated</b> Cost	Priori
Component	Total	(Years)	FY	Estimated Cost	(Yrs)	Estimated Cost	111011
Туре		(					
leating							
Energy Source							
Natural Gas	100%		2037	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2025	\$60,600	1	\$3,900	
Distribution							
Hot Wtr Piping/Pump	100%		2026	\$12,200	4	\$600	
Terminal Devices							
	400/		2025	\$16,800	1	\$1,000	
Convector/Radiator	40%		2020	\$10,000		. ,	
Convector/Radiator No Component	40% 60%		2020	\$10,000	-	. ,	
No Component				\$10,000	_		

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

#### Asset # : 13294

Machanical					aintananaa	
Mechanical	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated ( Total (Years)	Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2	\$10,300	
Terminal Devices						
Air Handler/Cool/Ht	100%	2027	\$88,100	1	\$4,900	
Heat Rejection						
Air Cooled Condenser	100%	2032	* *	2	\$5,500	
Unit						
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,400	
Exhaust Fans						
Roof	100%	2027	\$13,000	2	\$200	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2037	* *	1		
Water Heater						
Gas Fired	100%	2021	\$4,800	2	\$100	
	Other Observation, Extent : Light,	Area Affected : 10	00%			
	Location : 1st Floor					
	Explanation : 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%					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: HOWARD BEACH BRANCH LIBRA	ARY	
Address	: 92-06 156TH AVE.		
Borough	: QUEENS	Agency's Number	: HB
Program / Asset #	: QPL0H28.000 / 13295	Yr Built/Renovated	÷ 1979 / 1998
Area Sq Ft	: 8,500	<b>Project Type</b>	: 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 2021 - 2024	FY 2025 - 2030
Electrical		\$165,200
Total		\$165,200
Importance Code B		\$165,200
Total		\$165,200

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture		\$30,000	\$500	
Interior Architecture	\$17,000		\$5,700	
Electrical	\$1,000	\$1,000	\$800	\$1,000
Mechanical	\$1,800	\$3,000	\$5,400	\$3,000
Total	\$19,800	\$34,100	\$12,400	\$4,000
Importance Code A	\$400	\$30,500	\$900	\$400
Importance Code B	\$19,000	\$3,500	\$11,500	\$3,600
Importance Code C	\$400			
Total	\$19,800	\$34,100	\$12,400	\$4,000



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

## QUEENS PUBLIC LIBRARY - 039 HOWARD BEACH BRANCH LIBRARY

#### Asset # : 13295

Architecture		Current Repair	Entra	e Replacement	M	aintenance	
				-			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior	I						
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	570		2017		5	\$2,500	
Aluminum	100%		2043	* *	5	\$1,000	
Parapets	10070		2045		5	\$1,000	
Masonry: Brick	95%		LIFE	* *	5	\$800	
Metal Rail	5%		2040	* *	5-10	\$800	
Roof	570		2040		5-10	\$600	
Modified Bitumen	100%		2032	* *	10	\$27,500	
iterior	10070		2032		10	\$27,500	
Floors							
Carpet	90%		2026	\$154,600	3	\$17,200	
Cast in Place Concrete	90% 5%		LIFE	\$134,000	5	\$1,400	
Cast in Flace Concrete Ceramic Tile	5% 5%		2036	* *	5	\$600	
	370		2030		5	\$000	
Interior Walls Ceramic Tile	50/		2026	* *	5	¢000	
Ceramic The	5%		2036 LIFE	* *	5 5	\$800 \$5,800	
$C \rightarrow M \rightarrow U'$	050/		LIFE		2	\$5,800	
Concrete Masonry Unit	95%		LIIL				
Concrete Masonry Unit Ceilings AcousTileConcealSpLn	75%		2047	* * ffected · 20%	5	\$6,000	
Ceilings AcousTileConcealSpLn	75% Staining/L Location	0-2 \$16,300 Discoloring, Extent : Moderate : Throughout	2047 e, Area A	ffected : 20%	5		
Ceilings AcousTileConcealSpLn Exposed Struc: Steel	75% Staining/L	Discoloring, Extent : Moderate	2047		5		
Ceilings AcousTileConcealSpLn Exposed Struc: Steel ite Pavements	75% Staining/L Location	Discoloring, Extent : Moderate	2047 e, Area A	ffected : 20%	5		
Ceilings AcousTileConcealSpLn Exposed Struc: Steel ite Pavements Public Sidewalk	75% Staining/L Location 25%	Discoloring, Extent : Moderate	2047 e, Area A LIFE	ffected : 20% * *	5		
Ceilings AcousTileConcealSpLn Exposed Struc: Steel ite Pavements	75% Staining/L Location	Discoloring, Extent : Moderate	2047 e, Area A	ffected : 20%	5		
Ceilings AcousTileConcealSpLn Exposed Struc: Steel ite Pavements Public Sidewalk Cast in Place Concrete	75% Staining/L Location 25%	Discoloring, Extent : Moderate	2047 e, Area A LIFE 2040	ffected : 20% * *			
Ceilings AcousTileConcealSpLn Exposed Struc: Steel ite Pavements Public Sidewalk Cast in Place Concrete Electrical	75% Staining/L Location 25%	Discoloring, Extent : Moderate	2047 e, Area A LIFE 2040 Futur	ffected : 20% **	M	\$6,000	Priorit
Ceilings AcousTileConcealSpLn Exposed Struc: Steel ite Pavements Public Sidewalk Cast in Place Concrete Electrical System Component Type	75% Staining/L Location 25% 100%	Discoloring, Extent : Moderate : Throughout Current Repair Fail Date Estimated Cost	2047 e, Area A LIFE 2040 Futur Year	ffected : 20% * * * *	M Cycle	\$6,000	Priorit
Ceilings AcousTileConcealSpLn Exposed Struc: Steel ite Pavements Public Sidewalk Cast in Place Concrete Electrical system Component Type	75% Staining/L Location 25% 100%	Discoloring, Extent : Moderate : Throughout Current Repair Fail Date Estimated Cost	2047 e, Area A LIFE 2040 Futur Year	ffected : 20% * * * *	M Cycle	\$6,000	Priori
Ceilings AcousTileConcealSpLn Exposed Struc: Steel ite Pavements Public Sidewalk Cast in Place Concrete Electrical System Component Type inder 600 Volts	75% Staining/L Location 25% 100%	Discoloring, Extent : Moderate : Throughout Current Repair Fail Date Estimated Cost	2047 e, Area A LIFE 2040 Futur Year	ffected : 20% * * * *	M Cycle	\$6,000	Priorit
Ceilings AcousTileConcealSpLn Exposed Struc: Steel ite Pavements Public Sidewalk Cast in Place Concrete Electrical ystem Component Type nder 600 Volts Service Equipment	75% Staining/L Location 25% 100% % of Total 100%	Discoloring, Extent : Moderate : Throughout Current Repair Fail Date Estimated Cost	2047 e, Area A LIFE 2040 Futur Year FY 2037	ffected : 20% ** ** e Replacement Estimated Cost **	M Cycle (Yrs)	\$6,000 aintenance Estimated Cost	Priori
Ceilings AcousTileConcealSpLn Exposed Struc: Steel te Pavements Public Sidewalk Cast in Place Concrete Electrical ystem Component Type nder 600 Volts Service Equipment	75% Staining/L Location 25% 100% 100% Vo of Total	Discoloring, Extent : Moderate : Throughout Current Repair Fail Date Estimated Cost (Years)	2047 e, Area A LIFE 2040 Futur Year FY 2037	ffected : 20% ** ** e Replacement Estimated Cost **	M Cycle (Yrs)	\$6,000 aintenance Estimated Cost	Priori
Ceilings AcousTileConcealSpLn Exposed Struc: Steel te Pavements Public Sidewalk Cast in Place Concrete Electrical ystem Component Type nder 600 Volts Service Equipment	75% Staining/L Location 25% 100% 100% Void Total 100% Other Obs Location	Discoloring, Extent : Moderate : Throughout Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area	2047 e, Area A LIFE 2040 Futur Year FY 2037 Affected	ffected : 20% ** ** e Replacement Estimated Cost ** **	M Cycle (Yrs)	\$6,000 aintenance Estimated Cost	Priori
Ceilings AcousTileConcealSpLn Exposed Struc: Steel ite Pavements Public Sidewalk Cast in Place Concrete Electrical System Component Type inder 600 Volts Service Equipment	75% Staining/L Location 25% 100% 100% Void Total 100% Other Obs Location	Discoloring, Extent : Moderate : Throughout Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Electrical Room	2047 e, Area A LIFE 2040 Futur Year FY 2037 Affected	ffected : 20% ** ** e Replacement Estimated Cost ** **	M Cycle (Yrs)	\$6,000 aintenance Estimated Cost	Priorit
Ceilings AcousTileConcealSpLn Exposed Struc: Steel The Pavements Public Sidewalk Cast in Place Concrete Electrical ystem Component Type nder 600 Volts Service Equipment Molded Case Bkrs	75% Staining/L Location 25% 100% 100% Void Total 100% Other Obs Location	Discoloring, Extent : Moderate : Throughout Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Electrical Room	2047 e, Area A LIFE 2040 Futur Year FY 2037 Affected	ffected : 20% ** ** e Replacement Estimated Cost ** **	M Cycle (Yrs)	\$6,000 aintenance Estimated Cost	Priori
Ceilings AcousTileConcealSpLn Exposed Struc: Steel Pavements Public Sidewalk Cast in Place Concrete Electrical system Component Type nder 600 Volts Service Equipment Molded Case Bkrs	75% Staining/L Location 25% 100% 100% Voter Obs Location Explana	Discoloring, Extent : Moderate : Throughout Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Electrical Room	2047 e, Area A LIFE 2040 Futur Year FY 2037 Affected a Rated A	ffected : 20%	M Cycle (Yrs) 5	\$6,000 aintenance Estimated Cost \$200	Priorit
Ceilings AcousTileConcealSpLn Exposed Struc: Steel Pavements Public Sidewalk Cast in Place Concrete Electrical ystem Component Type nder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway	75% Staining/L Location 25% 100% % of Total 100% Other Obs Location Explana 100%	Discoloring, Extent : Moderate : Throughout Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Electrical Room	2047 e, Area A LIFE 2040 Futur Year FY 2037 Affected a Rated A 2027	ffected : 20%	M Cycle (Yrs) 5	\$6,000 aintenance Estimated Cost \$200	Priori
Ceilings         AcousTileConcealSpLn         Exposed Struc: Steel         Pavements         Public Sidewalk         Cast in Place Concrete         Electrical         ystem         Component         Type         nder 600 Volts         Service Equipment         Molded Case Bkrs         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit	75% Staining/L Location 25% 100% 100% Voter Obs Location Explana	Discoloring, Extent : Moderate : Throughout Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Electrical Room	2047 e, Area A LIFE 2040 Futur Year FY 2037 Affected a Rated A	ffected : 20%	M Cycle (Yrs) 5 5	\$6,000 aintenance Estimated Cost \$200	Priorit
Ceilings         AcousTileConcealSpLn         Exposed Struc: Steel         ite Pavements         Public Sidewalk         Cast in Place Concrete         Electrical         system         Component         Type         nder 600 Volts         Service Equipment         Molded Case Bkrs         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards	75% Staining/L Location 25% 100% % of Total 100% Other Obs Location Explana 100%	Discoloring, Extent : Moderate : Throughout Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Electrical Room	2047 e, Area A LIFE 2040 Futur Year FY 2037 Affected a Rated A 2027 2037	ffected : 20%	M Cycle (Yrs) 5 5 1	\$6,000 aintenance Estimated Cost \$200 \$200	Priorit
Ceilings AcousTileConcealSpLn Exposed Struc: Steel ite Pavements Public Sidewalk Cast in Place Concrete Electrical System Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	75% Staining/L Location 25% 100% % of Total 100% Other Obs Location Explana 100%	Discoloring, Extent : Moderate : Throughout Current Repair Fail Date Estimated Cost (Years) ervation, Extent : Light, Area : Electrical Room	2047 e, Area A LIFE 2040 Futur Year FY 2037 Affected a Rated A 2027	ffected : 20% ** <b>e Replacement</b> <b>Estimated Cost</b> ** ** ** ** ** ** **	M Cycle (Yrs) 5 5	\$6,000 aintenance Estimated Cost \$200	Priorit

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

## QUEENS PUBLIC LIBRARY - 039 HOWARD BEACH BRANCH LIBRARY

Asset # : 13295

Electrical		ASSEL # : 13		o Ronlacomont		aintenance	
		Current Repair		e Replacement			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts							
Motor Controllers							
Locally Mounted	50%		2032	* *	5		
Locally Mounted	50%		2025	\$8,000	5		
Ground							
Grounding Devices	1000/			* *	_	<b>.</b>	
Generic	100%		LIFE		5	\$100	
		ervation, Extent : Light, Area : Water Main	Ајјестеа	: 100%			
		tion : Connected With Main W	Vatar Din	0			
ighting	Ехріанаі	non . Connecteu with Main W	aler Fip	e			
Interior Lighting							
Fluorescent	80%		2027	\$72,000	10	\$6,200	
Therebeen.		ervation, Extent : Light, Area			10	\$0,200	
		: Throughout	55				
	Explanat	tion : T-12 Lamps					
LED		*	2032	* *			
		ervation, Extent : Light, Area		: 100%			
		: Basement					
	Explanat	tion : Boiler Room					
Egress Lighting							
Exit, Service	50%		2027	\$600	1		
Exit, Battery	50%		2027	\$2,100	10	\$300	
Exterior Lighting							
HID	100%		2027	\$34,000	10		
Alarm							
Security System	1000/		2027	<b>\$27.2</b> 00	1	¢2 200	
Generic	100%		2027	\$27,200	1	\$3,200	
Fire/Smoke Detection	100%		2027	\$93,100	1-3	\$5 400	
Generic, Analog	10070		2027	\$95,100	1-5	\$5,400	
Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component	% of	Fail Date Estimated Cost	Year	<b>Estimated Cost</b>	Cycle	<b>Estimated</b> Cost	Priorit
Туре	Total	(Years)	FY		(Yrs)		
Ieating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment	10070				-		
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	* *			

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

# QUEENS PUBLIC LIBRARY - 039 HOWARD BEACH BRANCH LIBRARY

#### Asset # : 13295

		A336(#:10	200				
Mechanical		Current Repair Future Replacement Maint					
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Air Conditioning							
Conversion Equipment Reciprocating Compr/Chiller	100%		2032	* *	1	\$3,900	
Distribution							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2	\$11,100	
Terminal Devices Air Handler/Cool/Ht	100%		2032	* *	1	\$5,300	
Heat Rejection							
Dry Cooler	100%		2032	* *	2	\$5,900	
entilation Distribution							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,700	
Exhaust Fans							
Interior	50%		2032	* *	2	\$100	
Roof	50%		2032	* *	2	\$100	
lumbing							
H/C Water Piping							
Galvanized Steel	100%		2040	* *	1		
Water Heater							
Gas Fired	100%		2025	\$5,100	2	\$100	
	Other Obse	ervation, Extent : Light, Area	Affected .	: 100%			
	Location	: Mechanical Room					
	Explanat	ion : 1-40 Gallon					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
No Component	95%						
Generic	5%		2032	* *	1		
		ervation, Extent : Light, Area	Affected	: 100%			
		: Mechanical Room					
<b>D</b> ' (	Explanat	ion : Boiler					
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 : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset #	: 35-51 81S : QUEENS		NCH LIBF	RARY Agency's Number Yr Built/Renovated	: JH : 1954 / 1999	
Area Sq Ft	: 16,442			Project Type	: QUEENS PUBLIC I	LIBRARY
Date of Survey	: 08-Jun-20	017		Landmark Status	: NONE	
Areas Surveyed	: Basement	t, Roof, Floors 1,2				
Block	: 1281	Lot : 48		BIN	: 4029693	
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture			\$413,800		\$313,300
Interior Architect	ure			\$106,500		
Electrical				\$55,800		\$162,900
Mechanical				\$171,600		\$247,100
Total				\$747,600		\$723,400
Importance Code	А			\$413,800		\$313,300
Importance Code	В			\$333,800		\$410,000
Total				\$747,600		\$723,400
EXPENSE		FY 20	021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture	\$16,9	900		\$3,900	
Interior Architect	ure	\$5,9	900	\$400	\$4,900	\$51,700
Electrical		\$27,5	500	\$1,500	\$20,000	\$1,100
Mechanical		\$5,	100	\$2,900	\$20,700	\$3,200
Elevators/Escalat	ors	\$3,9	900	\$3,900	\$3,900	\$3,900
Total		\$59,4	400	\$8,800	\$53,500	\$59,900
Importance Code		\$17,7	700	\$800	\$4,800	\$800
Importance Code	В	\$41,7	700	\$7,800	\$48,700	\$59,100
Importance Code	С			\$200		
Total		\$59,4	400	\$8,800	\$53,500	\$59,900



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

#### Asset # : 13296

chitecture	Current Re	epair	Futur	e Replacement	Μ	aintenance	
stem Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Exterior Walls					_		
Masonry: Brick	67%		LIFE	* *	5	\$14,800	
Masonry: Limestone	25% Now Cracking/Crumbling, E Location : West Faca Jnt Mortar Miss/Erod, Location : West Faca	de Extent : Moderat			5	\$4,100	
Metal Panel	3%		2048	* *	5-10	\$4,500	
Granite Panels	5%		LIFE	* *	5	\$800	
Windows						• •	
Aluminum	97% 0-2 Loose/Miss Fasteners, Location : Throughou	ıt			5	\$2,700	
	Caulking Deteriorated, Location : Throughou						
Metal Louvers	3%		2031	* *	10	\$1,100	
Parapets Masonry: Brick	80% Now Jnt Mortar Miss/Erod,	\$46,600 Extent : Moderat	LIFE e, Area A	* * Affected : 25%	5	\$3,800	
	Location : Interior Fa Spalling, Extent : Light Location : Interior Fa Worn/Eroded, Extent : Location : Interior Fa	t, Area Affected : ace Of West And Moderate, Area .	10% South Pa	-			
Masonry: Limestone	15% Now Cracking/Crumbling, E Location : Coping At		LIFE , Area Aj	* * ffected : 5%	5	\$900	
Metal Rail	5%		2033	* *	5-10	\$4,300	
Roof Modified Bitumen	100% Now Blisters, Extent : Mode Location : Over First		2028	\$313,300		· · · · ·	
Soffits Masonry: Limestone	100% Jnt Mortar Miss/Erod, Location : Front Entr	-	LIFE ea 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.

#### Asset # : 13296

Architecture		Current Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nterior							
Floors	1 = 0 (			¢ (0,000	2	<b>\$7 1</b> 00	
Carpet	15%		2024	\$49,800	3	\$7,400	
Carpet	35%		2029	\$116,300	3	\$12,900	
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	\$44,300	3	\$1,800	
	Other Obs	ervation, Extent : Moderate,	Area Affe	ected : 100%			
	Location	: Basement					
	Explanat	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+ \$62,200	LIFE	* *	5	\$14,000	
T haster	-	Crumbling, Extent : Severe, 1		cted : 20%	5	\$1,000	
	0	: Main Library Area 1st Flo	00		s North	Facade	
ite Enclosure							
Fence/Gates							
Chain Link	100%		2048	* *			
Retaining Walls							
Cast in Place Concrete	100%		2063	* *			
ite Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2041	* *			

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.

#### Asset # : 13296

lectrical		Current Repair Future Replacement			М		
vstem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Service Equipment							
Fused Disc Sw	45%		2028	\$700	5		
		ervation, Extent : Moderate,	Area Affe	ected : 100%			
		: Electrical Room					
	-	tion : One 200 Amperes Main					
Fused Disc Sw	10%		2028	\$200	5		
	Other Obs	ervation, Extent : Moderate,	Area Affe	ected : 100%			
	Location	a : Electrical Room					
	Explana	tion : One 200 Amperes Main	Disconn	ect Switch For Em	ergency		
Molded Case Bkrs	45%		2028	\$700	5	\$200	
	Other Obs	ervation, Extent : Moderate,	Area Affe	ected : 100%			
	Location	a : Electrical Room					
	Explana	tion : One 400 Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard	_						
Molded Case Bkrs	100%		2028	\$34,200	5	\$400	
Raceway							
Conduit	95%		2028	\$31,500	1		
Conduit	5%		2048	* *	1		
Panelboards							
Fused Disc Sw	5%		2027	\$800	5		
Molded Case Bkrs	90%		2027	\$14,200	5	\$400	
Molded Case Bkrs	5%		2044	* *	5		
Wiring							
Braided Cloth	90%	2-4 \$26,400	2053	* *	1		
	Insulation	Aged, Extent : Severe, Area	Affected :	100%			
	Location	: Throughout The Building					
Thermoplastic	10%		2048	* *	1		
Motor Controllers							
Locally Mounted	100%		2026	\$32,000	5	\$100	
ound			-	. ,			
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	

Lighting

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

#### Asset # : 13296

	ASSel # . I.	5250				
Electrical	Current Repair	Future Rep	lacement	Μ	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ighting		-				
Interior Lighting						
Fluorescent	2%	2023	\$3,500	10	\$300	
	Other Observation, Extent : Moderate,	Area Affected :	100%			
	Location : Basement					
	Explanation : Compact Fluorescent L					
Fluorescent	8%	2038	* *	10	\$1,200	
	T-8 Lamps And Fixtures, Extent : Mode	erate, Area Affeo	cted : 100%			
	Location : Throughout The Building					
	Other Observation, Extent : Moderate,	Area Affected :	100%			
	Location : Throughout The Building					
	Explanation : Ballast And Bulb New	But Fixtures Are	e Old			
LED	90%	2038	* *			
	Other Observation, Extent : Moderate,	Area Affected :	100%			
	Location : Throughout The Building					
	Explanation : Ballast And Bulb New	But Fixtures Are	e Old			
Egress Lighting						
Emergency, Battery	50%	2023	\$11,700	10	\$2,000	
Exit, Service	45%	2023	\$1,100	1		
Exit, Service	5%	2038	* *	1		
Exterior Lighting						
Incandescent	100%	2023	\$55,800	2		
larm						
Security System	<b>2</b> 00 /					
No Component	30%	2020	<b>\$2</b> < 0.00		<b><i><b>†</b></i> 1 2 0 0</b>	
Generic	70%	2028	\$36,800	1	\$4,300	
Fire/Smoke Detection	200/					
No Component	30%	2020	¢10(100	1.0	<b>#7</b> 100	
Generic, Digital	70%	2028	\$126,100	1-3	\$7,100	
lechanical	Current Repair	Future Rep	lacement	м	aintenance	
vstem						
Component	% of Fail Date Estimated Cost		nated Cost		Estimated Cost	Priori
Туре	Total (Years)	FY		(Yrs)		
eating						
Energy Source						
Natural Gas	100%	2048	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2041	* *	1	\$8,100	
	Other Observation, Extent : Light, Area	a Affected : 100	%			
	Location : Basement Boiler Room					
	Explanation : 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2036	* *	4	\$800	
Terminal Devices						
Air Handler	60%	2028	\$137,400	1	\$6,100	
Convector/Radiator	40%	2033	* *	1	\$2,100	
ir Conditioning					÷ ) - *	

#### Air Conditioning

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

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

Asset # : 13296

		A3361#.13					
Mechanical		Current Repair Future Replacement			ent 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%		2036	* *	1		
Conversion Equipment							
Reciprocating Compr/Chiller	60%		2023	\$83,000	1	\$4,600	
	-	igerant, Extent : Light, Area A : : Basement A C Room	ffected :	60%			
Exterior Pkg Unit - Cooling	40%		2033	* *	2	\$400	
cooning	R-22 Refri Location	igerant, Extent : Light, Area A : : Roof	ffected :	40%			
Terminal Devices							
Air Handler/Cool/Ht	60%		2028	\$109,600	1	\$6,100	
No Component	40%						
Heat Rejection							
Dry Cooler	100%		2023	\$88,600	2	\$11,500	
Ventilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$9,200	
Exhaust Fans	100%		LIFE		2-3	\$9,200	
Interior	60%		2028	\$34,800	2	\$300	
Roof	40%		2028	\$10,800	2	\$200	
Plumbing	1070		2020	\$10,000	2	\$200	
H/C Water Piping							
Brass/Copper	100%		2038	* *	1		
Water Heater							
Electric	100%		2023	\$14,400	4	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sewage Ejector(s)							
Compressed Air	100%		2038	* *	4	\$200	
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
		ervation, Extent : Light, Area	Affected	t : 100%			
		: Basement, 1, 2					
	Explana	tion : One Unit					

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

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: KEW GARD	ENS HI	LLS	<b>5 BRANCH L</b>	IBRARY	
Address	: 72-33 VLEIC	GH PL.				
Borough	: QUEENS				Agency's Number	: KW
Program / Asset #	: QPL0V60.00	0 / 13318	3		Yr Built/Renovated	: 1967 / 2016
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.* 

# QUEENS PUBLIC LIBRARY - 039 KEW GARDENS HILLS BRANCH LIBRARY

#### Asset # : 13318

			Asset # : 13	518				
Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Exterior								
Exterior Walls								
Under Construction	100%							
Windows								
Under Construction	100%							
Parapets	1000/							
Under Construction	100%							
Roof Under Construction	100%							
Interior	10070							
Floors								
Under Construction	100%							
Interior Walls	10070							
Under Construction	100%							
Ceilings								
Under Construction	100%							
Electrical		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System	% of	Fail Date	Estimated Cost	Year	<b>Estimated</b> Cost	Cvcle	<b>Estimated</b> Cost	Priorit
Component	Total	(Years)		FY		(Yrs)		
Туре								
Under 600 Volts								
Service Equipment Under Construction	100%							
Transformers	10070							
Under Construction	100%							
Switchgear / Switchboard	10070							
Under Construction	100%							
Raceway	10070							
Under Construction	100%							
Panelboards	10070							
Under Construction	100%							
Wiring								
Under Construction	100%							
Motor Controllers								
Under Construction	100%							
Ground								
Grounding Devices								
Under Construction	100%							
Stand-by Power								
Transfer Switches	1000							
Under Construction	100%							
Generators	1000/							
Under Construction	100%							
Batteries	1000/							
Under Construction	100%							
Fuel Storage	1000/							
Under Construction	100%							

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

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

## QUEENS PUBLIC LIBRARY - 039 KEW GARDENS HILLS BRANCH LIBRARY

#### Asset # : 13318

			A5561#.13	510				
Electrical		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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 F	Renair	Futur	e Replacement	М	aintenance	
System	0/ .6				-			D.t. tt
Component	% of Total	(Years)	Estimated Cost	Year FY	Estimated Cost	(Yrs)	Estimated Cost	Priority
Туре	Total	(1 cars)		11		(113)		
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment	1000/							
Under Construction	100%							
Distribution	1000/							
Under Construction Terminal Devices	100%							
	100%							
Under Construction Air Conditioning	10070							
Energy Source								
Under Construction	100%							
Conversion Equipment	10070							
Under Construction	100%							
Distribution	10070							
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	1000/							
Under Construction	100%							
Water Heater Under Construction	100%							
	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.* 

# QUEENS PUBLIC LIBRARY - 039 KEW GARDENS HILLS BRANCH LIBRARY

#### Asset # : 13318

Mechanical		Current Repair	Maintenance					
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	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								
Under Construction	100%							
Sprinkler								
Under Construction	100%							
Fire Pump								
Under Construction	100%							
Chemical System								
Under Construction	100%							

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

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address	: LANGSTON HUGHES COMMUNITY : 100-01 NORTHERN BLVD. CORONA		JRAL CENTER
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 2021 - 2024	FY 2025 - 2030
Mechanical		\$104,000
Total		\$104,000
Importance Code B		\$104,000
Total		\$104,000

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture		\$33,800	\$1,700	
Interior Architecture	\$31,800		\$9,700	\$900
Electrical	\$500	\$26,100	\$900	\$500
Mechanical	\$5,500	\$23,700	\$8,500	\$9,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$41,700	\$87,500	\$24,700	\$14,600
Importance Code A	\$1,200	\$35,100	\$2,900	\$1,200
Importance Code B	\$39,400	\$52,400	\$21,800	\$13,400
Importance Code C	\$1,100			
Total	\$41,700	\$87,500	\$24,700	\$14,600



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

# QUEENS PUBLIC LIBRARY - 039 LANGSTON HUGHES COMMUNITY LIB. AND CULTURAL CENTER

#### Asset # : 4519

Architecture		Current Repair Future Replacement			Μ			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
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								
Aluminum	95%			2043	* *	5	\$3,400	
Glass Block	5%			LIFE	* *	5	\$100	
Parapets								
Concrete Masonry Unit	35%			LIFE	* *	5	\$1,400	
			tent : Moderate, 2	Area Affe	ected : 100%			
		: Interior F						
		ion : Covere	ed 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								
Metal Panel	5%			2040	* *	10	\$2,400	
Modified Bitumen	90%			2032	* *	10	\$23,500	
Sloped Glazing	5%			LIFE	* *	5	\$17,400	
nterior								
Floors	4.50/			0000	<b>***</b>		<b>** / •</b> • • • •	
Carpet	45%	<b>N</b> 7	<b>#24</b> 000	2026	\$224,400	3	\$24,900	
Carpet		Now	\$24,900	2029	\$24,900	3	\$2,800	
		ssing Eleme : Research	nts, Extent : Seve	re, Area	Affected : 100%			
				1				
	-	: Research	, Extent : Severe, Center	Area Ajj	ectea : 100%			
	Water Pen	etration, Ex	tent : Severe, Are	a Affecte	d : 25%			
	Location	: Research	Center					
Ceramic Tile	15%			2036	* *	5	\$5,500	
Vinyl Tile	30%			2032	* *	3	\$4,200	
Wood	5%			2055	* *	5	\$3,500	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	\$5,100	
Gypsum Board	5%	Now	\$1,100	LIFE	* *	5	\$1,500	
	Cracking/	Crumbling, 1	Extent : Moderate	, Area Aj	ffected : 10%			
	Location	: Stair A, R	esearch Center					
	Water Pen	etration, Ex	tent : Moderate, A	1rea Affe	cted : 15%			
	Location	: Stair A, R	esearch Center					
Gypsum Board	70%			LIFE	* *	5	\$21,400	

*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.* 

### **QUEENS PUBLIC LIBRARY - 039**

#### LANGSTON HUGHES COMMUNITY LIB. AND CULTURAL CENTER

#### Asset # : 4519

Architecture		Current Repair	re Replacement	nent Maintenance			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Ceilings	700/		2040	* *	~	<b>#25</b> 000	
AcousTileSusp.Lay-In Exposed Struc: Steel	70% 5%		2040 LIFE	* *	5	\$25,900	
Gypsum Board	15%		LIFE	* *	5	\$6,900	
Gypsun Dourd	Cracking/ Location Water Pen Location	Crumbling, Extent : Moderate a : Auditorium, Stair A netration, Extent : Moderate, 2 a : Auditorium, Stair A	e, Area A Area Affe	ected : 10%	5	\$6,700	
Wood	10%		LIFE	* *	5	\$32,300	
Electrical		Current Repair	Futur	re Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2047	* *	5	\$100	
	Location	servation, Extent : Moderate, 1 : Electrical Room tion : One 1600 Amperes Mat					
Switchgear / Switchboard Molded Case Bkrs	100%		2047	* *	5	\$700	
Raceway	10070		2047		5	\$700	
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	1000/		• • • • •		_	<b>**</b>	
Locally Mounted	100%		2040	* *	5	\$200	
Ground							
Grounding Devices Generic	100%		LIFE	* *	5	\$400	
Lighting	10070		LIFL		5	\$400	
Interior Lighting							
Fluorescent	94%		2032	* *	10	\$21,300	
	Other Obs Location	ervation, Extent : Light, Area 1 : Throughout The Building tion : T-8 Lamps		1 : 100%		, j	
Fluorescent	<u>4%</u>	-	2032	* *	10	\$900	
Tuorescent	Other Obs	ervation, Extent : Moderate, . a : 1st Floor			10	\$200	
		tion : Compact Fluorescent L	amps				
Incandescent	2%		2032	* *	2		
moundoscont	2/0		2052		4		

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

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

# QUEENS PUBLIC LIBRARY - 039

### LANGSTON HUGHES COMMUNITY LIB. AND CULTURAL CENTER

#### Asset # : 4519

Electrical		Current I	ASSEL # : 4		e Replacement	M	aintenance	
ystem Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priori
ighting								
Egress Lighting								
Emergency, Battery	50%			2032	* *	10	\$3,000	
Exit, LED	50%			2055	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10	\$100	
larm								
Security System								
No Component	80%							
Generic	20%			2032	* *	1	\$1,800	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2032	* *	1-3	\$3,000	
Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
eating								1
Energy Source								
Natural Gas	100%			2037	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2032	* *	1	\$12,200	
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	ı : Basemer	nt Boiler Room					
	Explana	tion : 1 Un	it					
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	
ir Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment Int Pkg Unit - Heating/Cooling	20%			2028	\$104,000	2	\$300	
Heating/Cooling	-	-	tent : Light, Area A or Auditorium	ffected :	20%			
Reciprocating Compr/Chiller	80%			2032	* *	1	\$9,200	
		igerant, Ex 1 : Basemer	tent : Light, Area A t	ffected :	80%			
			Extent : Light, Area	Affected	: 80%			
	Location	ı : Basemer	nt					

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

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

### **QUEENS PUBLIC LIBRARY - 039**

#### LANGSTON HUGHES COMMUNITY LIB. AND CULTURAL CENTER

Asset # : 4519

M 1		A330(#:4		e Replacement	_	aintenance	
Mechanical		Current Repair	М				
System Component	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Туре					. ,		
Air Conditioning							
Distribution	000/		2047	* *		¢1.000	
CW & CHW Wtr	80%		2047	* *	4	\$1,000	
Pipe/Pump	200/						
No Component	20%						
Terminal Devices	000/		0000	ماد ماد		¢10.000	
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							
Brass/Copper	100%		2047	* *	1		
Water Heater							
Gas Fired	100%		2022	\$14,900	2	\$400	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sewage Ejector(s)							
Electric	100%		2032	* *	4	\$1,000	
Fixtures							
Generic	100%						
/ertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
-	Other Obs	ervation, Extent : Light, Area	Affected	! : 100%			
		: B, 1, 2.					
	Explana	tion : 1 Unit					
Fire Suppression							
Sprinkler							
Generic	100%		2047	* *	1-2	\$6,900	

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

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

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	<ul> <li>: LAURELTON BRANCH LIBRARY</li> <li>: 134-26 225TH ST.</li> <li>: QUEENS</li> <li>: QPL0L31.000 / 13297</li> <li>: 8,986</li> <li>: 31-Mar-2016</li> <li>: Basement, Roof, Floors 1</li> <li>: 13105 Lot : 7</li> </ul>	Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: LA : 1955 / 2004 : QUEENS PUBLIC LIBRARY : NONE : 4281443
CAPITAL		FY 2021 - 2024	FY 2025 - 2030
Electrical		\$80,900	\$9,500
Mechanical		\$62,600	\$160,300
Total		\$143,500	\$169,800

Importance Code B		\$143,500		\$169,800
Total		\$143,500		\$169,800
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$57,900			
Interior Architecture	\$100		\$4,200	
Electrical	\$20,900	\$13,900	\$300	\$300
Mechanical	\$3,400	\$7,300	\$4,100	\$1,800
Site Pavements	\$400			
Total	\$82,700	\$21,100	\$8,600	\$2,200
Importance Code A	\$58,300	\$500	\$400	\$400
Importance Code B	\$23,900	\$20,700	\$8,200	\$1,700
Importance Code C	\$400			
Total	\$82,700	\$21,100	\$8,600	\$2,200



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

#### Asset # : 13297

Architecture	Curre	nt Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls					_	<b>†2 2</b> 0 0	
Cast Stone/Terra Cotta	2% Now	. ,	LIFE	**	5	\$3,200	
		Frod, Extent : Light, A ow And Door Suround					
		ow Ana Door Suround		* *	10	¢1.000	
Ceramic Tile	10%	¢22.200	2047	* *	10	\$1,900	
Masonry: Brick	68% 4+	\$22,300 Grod, Extent : Modera	LIFE		5	\$14,000	
		roa, Extent : Modera rapet Level Througho		<i>Ajjecieu : 20%</i>			
Masanny Fieldstone	20% Now		LIFE	* *	5	\$3,100	
Masonry: Fieldstone		518,800 Erod, Extent : Light, A			5	\$5,100	
	Location : Throi		reu nyjee	<i>icu</i> . 2070			
Windows							
Aluminum	100% Now	\$2,000	2035	* *	5	\$1,100	
	Caulking Deterior	ated, Extent : Moderd	ite, Area	Affected : 100%			
	Location : Throi	ıghout					
	Other Observation	ı, Extent : Light, Area	Affected	: 100%			
	Location : Throi	-					
-	Explanation : Th	nermally Inefficient					
Parapets	900/ N	\$7.200	LIEE	* *	5	\$2,400	
Masonry: Brick	80% Now	\$7,300 Trod, Extent : Light, A	LIFE		5	\$2,400	
		Roof At Front Of Bui		<i>ieu</i> . 270			
Masonry: Limestone	20%	1009 111 1 1011 09 241	LIFE	* *	5	\$700	
Roof	2070		DIFE		5	\$700	
Modified Bitumen	100% 4+	\$6,300	2032	* *			
	Blisters, Extent : I	Light, Area Affected :	5%				
	Location : Throu	ıghout					
		xtent : Light, Area Aff		%			
	Location : Main	Roof At Rear Of Libr	ary				
iterior							
Floors	500/		2026	¢00.000	2	¢10,100	
Carpet Vinyl Tile	50% 50%		2026 2032	\$90,800 * *	3 3	\$10,100 \$2,500	
Vinyl Tile Interior Walls	5070		2032		3	\$2,300	
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		ó	2	<i>42,000</i>	
	Location : By Re						

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

Asset #: 13297

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings	0.50/			20.40	* *	-	¢14.200	
AcousTileConcealSpLn	85% 5%		\$100	2040 2032	* *	5 5	\$14,300	
AcousTileSusp.Lay-In			Extent : Light, Ar			3	\$300	
	-	-	ity Meeting Room	eu nycei	cu . 270			
Exposed Concrete	10%			LIFE	* *	5	\$200	
1		ling, Exteni 1 : Basemer	: Light, Area Affed at	cted : 2%	6			
ite Pavements								
On-Site Walkways								
Cast in Place Concrete		Now	\$400	2032	* *			
	-	-	Extent : Light, Ard Stair At Side Entr		ed : 1%			
	Location	· · · concrete	Star In Stat Lini	unee				
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts								_
Service Equipment								
Fused Disc Sw	100%			2027	\$1,600	5		
			Extent : Light, Area	Affected	! : 100%			
		n : Electrica		D:				
Switchgear / Switchboard	Explana	tion : One	600 Ampere Main I	Disconne	ect Switch			
Molded Case Bkrs	100%			2027	\$34,200	5	\$200	
Raceway	10070			2027	\$54,200	5	\$200	
Conduit	20%			2037	* *	1		
Conduit	80%			2027	\$26,500	1		
Panelboards								
Molded Case Bkrs	20%			2026	\$3,200	5		
Molded Case Bkrs	80%			2035	* *	5	\$200	
Wiring	700/	2.4	¢20.500	2052	* *	1		
Braided Cloth	70%		\$20,500 ent : Moderate, Are	2052		1		
		-	nt . Moderale, Are nt, First Floor	u Affecte	ea . 10070			
Thermoplastic	30%			2037	* *	1		
Motor Controllers	5070			2001		1		
Locally Mounted	100%			2032	* *	5	\$100	
bround								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
	Other Ohe	ervation. F	Extent : Moderate, A	Area Affe	ected : 100%			
				55				
	Location	ı : Basemer	nt		Main Including Th	T		

Lighting

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

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

### Asset # : 13297

Electrical		ASSet # . 15 Current Repair		e Replacement		aintenance	
		-					
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	85%		2022	\$80,900	10	\$7,000	
	Location Explana	ervation, Extent : Light, Area : Throughout The Building tion : Using T-12 Lamps					
Fluorescent	10%		2027	\$9,500	10	\$800	
	Location	ervation, Extent : Light, Area 2 : First Floor tion : Using T-8 Lamps	Affected	: 100%			
HID	3%		2022	\$1,900	10		
Incandescent	2%		2022	\$1,900	2		
Egress Lighting	2/0		2022	ψ1,700	4		
Emergency, Battery	50%		2027	\$6,400	10	\$1,100	
Exit, Battery	50%		2027	\$2,200	10	\$300	
Exterior Lighting	5070		2022	φ2,200	10	\$500	
HID	35%		2027	\$12,600	10		
HID	60%		2027	\$12,000	10		
Incandescent	5%		2032	\$1,500	2		
	570		2027	\$1,500	Z		
Alarm							
Security System Generic	100%		2032	* *	1	\$3,400	
Generic	10070		2032		1	\$5,700	
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%						
Conversion Equipment			2037	* *	1		
	100/0		2037	* *	1		
Hot Water Boiler	100%		2037 2032	**	1	\$4,400	
Hot Water Boiler Distribution	100%		2032	* *		· · · · · · · · · · · · · · · · · · ·	
Hot Water Boiler Distribution Hot Wtr Piping/Pump						\$4,400 \$400	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	100% 100%		2032 2043	**	1	· · · · · · · · · · · · · · · · · · ·	
Hot Water Boiler Distribution Hot Wtr Piping/Pump	100%		2032	* *	1	· · · · · · · · · · · · · · · · · · ·	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	100% 100%		2032 2043	**	1	\$400	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	100% 100% 50%		2032 2043 2022	* * * * \$62,600	1 4 1	\$400 \$2,800	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	100% 100% 50%		2032 2043 2022	* * * * \$62,600	1 4 1	\$400 \$2,800	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning	100% 100% 50%		2032 2043 2022	* * * * \$62,600	1 4 1	\$400 \$2,800	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source	100% 100% 50% 50%		2032 2043 2022 2025	* * * * \$62,600 \$23,800	1 4 1 1	\$400 \$2,800	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity	100% 100% 50% 50%		2032 2043 2022 2025	* * * * \$62,600 \$23,800	1 4 1 1	\$400 \$2,800	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating	100% 100% 50% 50%		2032 2043 2022 2025 2043	* * * * \$62,600 \$23,800 * *	1 4 1 1 1	\$400 \$2,800 \$1,500	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller	100% 100% 50% 50%		2032 2043 2022 2025 2043	* * * * \$62,600 \$23,800 * *	1 4 1 1 1	\$400 \$2,800 \$1,500	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller Exterior Pkg Unit -	100% 100% 50% 50% 100% 80%		2032 2043 2022 2025 2043 2043	* * * * \$62,600 \$23,800 * * \$60,500	1 4 1 1 1 1 1	\$400 \$2,800 \$1,500 \$3,300	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller Exterior Pkg Unit - Cooling	100% 100% 50% 50% 100% 80%		2032 2043 2022 2025 2043 2043	* * * * \$62,600 \$23,800 * * \$60,500	1 4 1 1 1 1 1	\$400 \$2,800 \$1,500 \$3,300	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller Exterior Pkg Unit - Cooling Distribution	100% 100% 50% 100% 80% 20%		2032 2043 2022 2025 2043 2027 2035	* * * * \$62,600 \$23,800 * * \$60,500	1 4 1 1 1 1 1	\$400 \$2,800 \$1,500 \$3,300 \$100	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller Exterior Pkg Unit - Cooling	100% 100% 50% 50% 100% 80%		2032 2043 2022 2025 2043 2043	** ** \$62,600 \$23,800 ** \$60,500 **	1 4 1 1 1 1 2	\$400 \$2,800 \$1,500 \$3,300	

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

#### Asset # : 13297

Mechanical	Current Repair	Future Re	eplacement	Μ	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Terminal Devices						
Air Handler/Cool/Ht	100%	2027	\$99,900	1	\$5,600	
Heat Rejection						
Air Cooled Condenser	100%	2027	\$18,000	2	\$6,300	
Unit						
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,000	
Exhaust Fans						
Interior	50%	2027	\$15,800	2	\$100	
Roof	50%	2027	\$7,400	2	\$100	
Plumbing						
H/C Water Piping						
Galvanized Steel	100%	2032	* *	1		
Water Heater						
Gas Fired	100%	2022	\$5,400	2	\$100	
	Other Observation, Extent : Light	ht, Area Affected : 10	00%			
	Location : Basement					
	Explanation : 50 Gallons					
Sanitary Piping			di di			
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
Generic	100%	2032	* *	1	\$600	
Fixtures						
Generic	100%					

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

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### Page : 133

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: LEFFERTS BRANCH LIBRARY		
Address	: 103-34 LEFFERTS BLVD.		
Borough	: QUEENS	Agency's Number	: LRC
Program / Asset #	: QPL0L32.000 / 13298	Yr Built/Renovated	: 1975 / 2008
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 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$6,700	\$1,500		
Interior Architecture	\$1,800	\$3,600	\$300	
Electrical	\$600	\$7,200	\$900	\$600
Mechanical	\$400	\$500	\$3,700	\$500
Total	\$9,500	\$12,800	\$4,800	\$1,100
Importance Code A	\$7,100	\$1,900	\$300	\$300
Importance Code B	\$2,300	\$10,900	\$4,500	\$800
Importance Code C	\$200			
Total	\$9,500	\$12,800	\$4,800	\$1,100



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

# QUEENS PUBLIC LIBRARY - 039 LEFFERTS BRANCH LIBRARY

Asset # : 13298

Architecture		Current Repair	Futur	e Replacement	М	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
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 \$6,700	2043	**	5	\$800	
	-	Deteriorated, Extent : Moderc	ite, Area	Affected : 25%			
		: Throughout					
Metal Louvers	2%		2036	* *	10	\$200	
Parapets	0.50 (		1 100	* *	-	<b>#2 2</b> 00	
Masonry: Brick	85%		LIFE	* *	5	\$3,200	
Metal: Cage/Fence	15%		2040	~ ~	5-10	\$4,400	
Roof Modified Bitumen	100%		2035	* *	10	\$20,000	
nterior	100%		2033		10	\$20,000	
Floors							
Carpet	70%		2028	\$98,200	3	\$10,900	
Cast in Place Concrete	5%		LIFE	**	5	\$1,100	
Ceramic Tile	5%	2-4 \$200	2036	* *	5	\$300	
	Broken/M	issing Elements, Extent : Ligh : Women Bathroom		ffected : 2%	-		
Vinyl Tile	20%		2035	* *	3	\$800	
Interior Walls							
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	
		oiscoloring, Extent : Light, Ar		ed : 2%			
		: Water Damage At Entrance					
Exposed Struc: Steel	10%		LIFE	* *			
ite Enclosure							
Fence/Gates			• • • -				
Iron Picket	100%		2047	* *			
ite Pavements							
Public Sidewalk	1000/		20.40	* *			
Cast in Place Concrete	100%		2040	<b>Υ Υ</b>			
Parking/Driveway Cast in Place Concrete	100%		2022	* *			
Cast III Place Concrete	100%		2032	·•• ••			
Floctrical		Current Bonair		o Poplacomont		laintonanco	

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.

### QUEENS PUBLIC LIBRARY - 039 LEFFERTS BRANCH LIBRARY

#### Asset # : 13298

		Assel # 11	0290				
Electrical		Current Repair	Futur	e Replacement	Μ	laintenance	
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	100%		2027	\$1,600	5	\$200	
	Other Obs	ervation, Extent : Light, Area	Affected	: 100%			
		a : Basement					
	Explana	tion : 225 Main Circuit Break	ter				
Switchgear / Switchboard							
Molded Case Bkrs	100%		2027	\$34,200	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							
Generic	100%		LIFE	* *	5	\$100	
Lighting							
Interior Lighting							
Fluorescent	100%		2032	**	10	\$6,400	
	-	ps And Fixtures, Extent : Ligh	t, Area A	ffected : 100%			
	Location	: Throughout					
Egress Lighting	500/		2022	* *	1		
Emergency, Service	50%		2032	* *	1		
Exit, Service	50%		2032	* *	1		
Exterior Lighting	1000/		0005		10		
HID	100%		2027	\$27,700	10		
Alarm							
Security System	1000/		2022	* *	1	¢ <b>2</b> (00	
Generic	100%		2032	* *	1	\$2,600	
Fire/Smoke Detection	1000/		0000	ate ate	1.0	<b><i><b></b></i></b>	
Generic, Digital	100%		2032	* *	1-3	\$4,300	
Machanical							
Mechanical		Current Repair	Futur	e Replacement	M	laintenance	
System Component	% of	Fail Date Estimated Cost		<b>Estimated</b> Cost		<b>Estimated Cost</b>	Priority
Туре	Total	(Years)	FY		(Yrs)		
Ieating			1				
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment	10070		20 <b>4</b> /		1		
Furnace	100%		2032	* *	1	\$3,400	
Distribution	10070		2032		1	ф <b>3,400</b>	
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,900	
Ductwork/Diffusers	100%		LIFE		2 <b>-</b> 3	\$3,900	

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

### QUEENS PUBLIC LIBRARY - 039 LEFFERTS BRANCH LIBRARY

#### Asset # : 13298

Mechanical	Curre	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type		ate Estimated Cost		Estimated Cost		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	\$4,200	2	\$100	
		on, Extent : Light, Area	00	! : 100%			
	Location : 2nd	Floor Mechanical Room	т				
	Explanation : 1	-40 Gallon					
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.

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	<ul> <li>: LONG IS</li> <li>: 37-44 21S</li> <li>: QUEENS</li> <li>: QPL0005.</li> <li>: 19,327</li> <li>: 07-Jun-20</li> <li>: Roof, Floot</li> <li>: 363</li> </ul>	T STREET .000 / 14111 )17 ors 1,2	COMMUN	HTY LIBRARY Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: LIC : 2007 / : QUEENS PUBLIC L : NONE : 4463561	IBRARY
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architect Interior Architect				\$362,600 \$44,700		
Total				\$407,300		
Importance Code Importance Code				\$362,600 \$44,700		
Total				\$407,300		
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec Interior Architect Electrical Mechanical			\$1,300 \$4,500 \$1,600 \$7,100	\$1,300 \$4,400	\$4,300 \$21,300 \$8,600	\$9,100 \$2,000 \$1,800 \$4,800
Elevators/Escalat	ors		\$3,900	\$3,900	\$3,900	\$3,900
Total			\$18,400	\$9,600	\$38,200	\$21,600
Importance Code Importance Code Importance Code	В		\$2,200 \$15,800 \$300	\$1,000 \$8,600	\$1,000 \$37,200	\$10,000 \$11,600



\$9,600

\$38,200

\$21,600

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

\$18,400

Total

#### Asset # : 14111

Architecture	Curre	nt Repair	Futur	e Replacement	М	aintenance		
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior 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	570		2045		5	φτ,τ00		
Aluminum	95%		2050	* *	5	\$1,600		
Glass Block	5%		LIFE	* *	5	\$100		
Parapets	570				5	\$100		
Metal Panel	5%		2054	* *	5	\$500		
Metal Rail	25% 4+	\$800	2045	* *	5	\$4,200		
		, Extent : Moderate, A		ected : 5%	U	\$ .,200		
	Location : Main		55					
		me Leaking Through	Pitch Po	ckets Of Railing				
Pre-Cast Concrete	65%		LIFE	**	5	\$9,600		
Pre-Cast Concrete	5% Now	\$400	LIFE	* *	5	\$700		
The Cust Concrete	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
	Location : Copin		-,	-99				
	•	ated, Extent : Modera	te. Area	Affected : 50%				
	Location : Copin		,	55				
Roof	-	-						
	1000/ N.	\$362,600						
Modified Bitumen	100% Now	\$302,000	2038	* *				
Modified Bitumen		ashings, Extent : Mod						
Modified Bitumen		ashings, Extent : Mod						
Modified Bitumen	Miss/Damaged Fla Location : West	ashings, Extent : Mod	erate, Ar	ea Affected : 25%				
Modified Bitumen	Miss/Damaged Fla Location : West Water Penetration	ashings, Extent : Mod Side	erate, Ar	ea Affected : 25%				
Modified Bitumen	Miss/Damaged Fla Location : West Water Penetration Location : Stair	ashings, Extent : Mod Side , Extent : Moderate, A	erate, Ar Area Affe	ea Affected : 25% cted : 10%				
Modified Bitumen	Miss/Damaged Fla Location : West Water Penetration Location : Stair	ishings, Extent <sup>°</sup> : Mod Side , Extent : Moderate, A B, Custodians Office 1, Extent : Severe, Are	erate, Ar Area Affe	ea Affected : 25% cted : 10%				
Modified Bitumen	Miss/Damaged Fla Location : West Water Penetration Location : Stair Other Observation Location : Main	ishings, Extent <sup>°</sup> : Mod Side , Extent : Moderate, A B, Custodians Office 1, Extent : Severe, Are	erate, Ar Area Affe a Affecte	ea Affected : 25% cted : 10% d : 80%				
	Miss/Damaged Fla Location : West Water Penetration Location : Stair Other Observation Location : Main	ashings, Extent : Mod Side , Extent : Moderate, A B, Custodians Office , Extent : Severe, Are Roof	erate, Ar Area Affe a Affecte	ea Affected : 25% cted : 10% d : 80%				
	Miss/Damaged Fla Location : West Water Penetration Location : Stair Other Observatior Location : Main Explanation : Ai	ashings, Extent : Mod Side , Extent : Moderate, A B, Custodians Office , Extent : Severe, Are Roof	erate, Ar Area Affe a Affecte uter And	ea Affected : 25% cted : 10% d : 80% Adhesion Failure				
nterior Floors Carpet	Miss/Damaged Fla Location : West Water Penetration Location : Stair Other Observatior Location : Main Explanation : Ai	ashings, Extent : Mod Side , Extent : Moderate, A B, Custodians Office , Extent : Severe, Are Roof	erate, Ar Area Affe a Affecte uter And 2029	ea Affected : 25% cted : 10% d : 80% <u>Adhesion Failure</u> \$117,200	3	\$13,000		
nterior Floors Carpet Ceramic Tile	Miss/Damaged Fla Location : West Water Penetration Location : Stair Other Observatior Location : Main Explanation : Ai	ashings, Extent : Mod Side , Extent : Moderate, A B, Custodians Office , Extent : Severe, Are Roof	erate, Ar Area Affe a Affecte uter And	ea Affected : 25% cted : 10% d : 80% Adhesion Failure	3 5	\$13,000 \$4,300		
nterior Floors Carpet Ceramic Tile Vinyl Tile	Miss/Damaged Fla Location : West Water Penetration Location : Stair Other Observatior Location : Main Explanation : Ai	ashings, Extent : Mod Side , Extent : Moderate, A B, Custodians Office , Extent : Severe, Are Roof	erate, Ar Area Affe a Affecte uter And 2029	ea Affected : 25% cted : 10% d : 80% <u>Adhesion Failure</u> \$117,200				
nterior Floors Carpet Ceramic Tile Vinyl Tile Interior Walls	Miss/Damaged Fla Location : West Water Penetration Location : Stair Other Observatior Location : Main Explanation : Ai 30% 15% 55%	ashings, Extent : Mod Side , Extent : Moderate, A B, Custodians Office , Extent : Severe, Are Roof	erate, Ar Area Affe a Affecte ater And 2029 2041 2036	ea Affected : 25% cted : 10% d : 80% Adhesion Failure \$117,200 ** **	5 3	\$4,300 \$8,000		
nterior Floors Carpet Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile	Miss/Damaged Fla Location : West Water Penetration Location : Stair Other Observatior Location : Main Explanation : Ai 30% 15% 55%	ashings, Extent : Mod Side , Extent : Moderate, A B, Custodians Office b, Extent : Severe, Are Roof r Pockets,Trapped Wo	erate, Ar Area Affe a Affecte ater And 2029 2041 2036 2041	ea Affected : 25% cted : 10% d : 80% Adhesion Failure \$117,200 ** **	5 3 5	\$4,300 \$8,000 \$600		
nterior Floors Carpet Ceramic Tile Vinyl Tile Interior Walls	Miss/Damaged Fla Location : West Water Penetration Location : Stair Other Observation Location : Main Explanation : Ai 30% 15% 55%	ashings, Extent : Mod Side , Extent : Moderate, A B, Custodians Office b, Extent : Severe, Are Roof r Pockets,Trapped Wo \$44,700	erate, Ar Area Affe a Affecte uter And 2029 2041 2036 2041 2050	ea Affected : 25% cted : 10% d : 80% <u>Adhesion Failure</u> \$117,200 ** ** **	5 3	\$4,300 \$8,000		
nterior Floors Carpet Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile	Miss/Damaged Fla Location : West Water Penetration Location : Stair Other Observation Location : Main Explanation : Ai 30% 15% 55% 3% 4+ Unit Inoperable, E	shings, Extent : Mod Side , Extent : Moderate, A B, Custodians Office b, Extent : Severe, Are Roof r Pockets, Trapped Wo \$44,700 Stent : Severe, Area A	erate, Ar Area Affe a Affecte uter And 2029 2041 2036 2041 2050	ea Affected : 25% cted : 10% d : 80% <u>Adhesion Failure</u> \$117,200 ** ** **	5 3 5	\$4,300 \$8,000 \$600		
nterior Floors Carpet Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile	Miss/Damaged Fla Location : West Water Penetration Location : Stair Other Observation Location : Main Explanation : Ai 30% 15% 55%	shings, Extent : Mod Side , Extent : Moderate, A B, Custodians Office b, Extent : Severe, Are Roof r Pockets, Trapped Wo \$44,700 Stent : Severe, Area A	erate, Ar Area Affe a Affecte uter And 2029 2041 2036 2041 2050	ea Affected : 25% cted : 10% d : 80% <u>Adhesion Failure</u> \$117,200 ** ** **	5 3 5	\$4,300 \$8,000 \$600		
nterior Floors Carpet Ceramic Tile <u>Vinyl Tile</u> Interior Walls Ceramic Tile	Miss/Damaged Fla Location : West Water Penetration Location : Stair Other Observation Location : Main Explanation : Ai 30% 15% 55% 3% 4+ Unit Inoperable, E	shings, Extent : Mod Side , Extent : Moderate, A B, Custodians Office b, Extent : Severe, Are Roof r Pockets, Trapped Wo \$44,700 Stent : Severe, Area A	erate, Ar Area Affe a Affecte uter And 2029 2041 2036 2041 2050	ea Affected : 25% cted : 10% d : 80% <u>Adhesion Failure</u> \$117,200 ** ** **	5 3 5	\$4,300 \$8,000 \$600		

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

#### Asset # : 14111

Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings				<b>•</b> • • <b>•</b>	de ale	_	<b>**</b> < ~ ~ ~	
AcousTileSusp.Lay-In	90%			2045	* *	5	\$26,000	
			xtent : Moderate, A un Office, Stair B A					
Gungum Doord	10%		in Office, Stair D A	LIFE	**	5	\$3,600	
Gypsum Board Gite Pavements	1070			LIFE		3	\$3,000	
Public Sidewalk								
Cast in Place Concrete	100%			2041	* *			
	10070			2011				
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	<b>Estimated</b> Cost	Year	<b>Estimated</b> Cost	Cvcle	<b>Estimated</b> Cost	Priorit
Component	Total	(Years)		FY		(Yrs)		
Туре								
Inder 600 Volts								
Service Equipment Fused Disc Sw	100%			2048	* *	5	\$100	
Fused Disc Sw			Extent : Moderate, 2			3	\$100	
		i : Electrica		area Ajje	cieu . 10076			
			a Room Service Switch Ra	tod At 12	200 Amparas			
Switchgear / Switchboard	Блрини		Service Switch Ru	<i>іси Лі</i> 12	100 Amperes			
Molded Case Bkrs	100%			2048	* *	5	\$500	
Raceway	10070			2040		5	\$500	
Conduit	100%			2048	* *	1		
Panelboards	10070			2010		-		
Fused Disc Sw	5%			2044	* *	5		
Molded Case Bkrs	95%			2044	* *	5	\$500	
Wiring				-		-		
Thermoplastic	100%			2048	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5	\$100	
fround								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
ighting								
Interior Lighting								
Fluorescent	60%			2033	* *	10	\$10,600	
	-		res, Extent : Mode	rate, Are	a Affected : 100%			
	Location	i : Through	out The Building					
Fluorescent	20%			2033	* *	10	\$3,500	
			xtent : Moderate, A	4rea Affe	ected : 100%			
			out The Building					
	-	-	oact Fluorescent L	<u> </u>				
Fluorescent	18%			2033	* *	10	\$3,200	
	-		res, Extent : Mode	rate, Are	a Affected : 100%			
	Location	i : Through	out The Building					
Incandescent	2%			2033	* *	2		

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

Asset # : 14111

Current Repair	Futur	e Replacement	М	aintenance	
		-			Priority
Total (Years)	FY	Estimated Cost	(Yrs)	Estimated Cost	Priority
		* *	10	\$2,300	
50%	2033	* *	1		
50%	2033	* *	2		
200/					
	2022	* *	1	\$5 100	
			1	\$5,100	
		cieu . 10070			
	ameras				
30%					
	2033	* *	1-3	\$8.600	
,	2000		10	\$0,000	
Current Repair	Futur	e Replacement	Μ	aintenance	
% of Fail Date Estimated Cos	t Year	<b>Estimated</b> Cost	Cvcle	<b>Estimated</b> Cost	Priorit
Total (Years)	FY		(Yrs)		
100%	2048	* *	1		
10070	2040		1		
100%	2041	* *	1	\$9,600	
		: 100%	1	φ),000	
Location : Basement Boiler Room					
Explanation : 2 Units					
*					
100%	0044	ala	4	<b>\$1</b> 000	
10070	2044	* *	+	\$1,000	
10070	2044	* *	4	\$1,000	
90%	2044	* *	1	\$1,000	
				. ,	
90%	2033	* *		\$10,800	
90% 10%	2033 2041	* * * *		\$10,800	
90%	2033	* *		\$10,800	
90% 10% 100%	2033 2041 2044	** **	1 1	\$10,800 \$600	
90% 10%	2033 2041	* * * *	1 1	\$10,800	
90% 10% 100% 100%	2033 2041 2044 2033	* * * * * *	1 1	\$10,800 \$600	
90% 10% 100% 100% <i>R-22 Refrigerant, Extent : Light, Area</i>	2033 2041 2044 2033	* * * * * *	1 1	\$10,800 \$600	
90% 10% 100% 100%	2033 2041 2044 2033	* * * * * *	1 1	\$10,800 \$600	
90% 10% 100% R-22 Refrigerant, Extent : Light, Area Location : Penthouse	2033 2041 2044 2033 Affected :	** ** ** 100%	1 1 1	\$10,800 \$600 \$9,000	
90% 10% 100% 100% <i>R-22 Refrigerant, Extent : Light, Area</i>	2033 2041 2044 2033	* * * * * *	1 1	\$10,800 \$600	
90% 10% 100% R-22 Refrigerant, Extent : Light, Area Location : Penthouse	2033 2041 2044 2033 Affected :	** ** ** 100%	1 1 1	\$10,800 \$600 \$9,000	
	Total (Years)         50%         50%         50%         50%         50%         50%         50%         50%         50%         50%         50%         50%         50%         50%         50%         50%         50%         50%         30%         70%         Current Repair         % of Fail Date Estimated Cos         Total (Years)         100%         100%         0ther Observation, Extent : Light, Arc         Location : Basement Boiler Room         Explanation : 2 Units	% of TotalFail Date (Years)Stimated Cost FY50%2033 203350%2033 203350%2033 203350%2033 203350%2033 203350%2033 203330% 70%2033 2033Other Observation, Extent : Moderate, Area Affe Location : Throughout The Building Explanation : CCTV Surveillance Cameras30% 70%2033Current RepairFutur FY% of TotalFail Date (Years)100%2041 20410ther Observation, Extent : Light, Area Affected Location : Basement Boiler Room Explanation : 2 Units	% of TotalFail Date (Years)Estimated Cost FY50%2033**50%2033**50%2033**50%2033**50%2033**50%2033**30%2033**70%2033**0ther Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building Explanation : CCTV Surveillance Cameras30% 70%2033**30% 70%2033**30% 70%2033**30% 70%2033**100%2041**100%2041**100%2041**100%2041**100%2041**100%2041**100%2041**2041**100%2041**2041*	% of TotalFail Date (Years)Estimated Cost FYYear FYEstimated Cost (Yrs)Cycle (Yrs)50%2033***1050%2033***150%2033***1050%2033***230%2033***170%2033***10ther Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building Explanation : CCTV Surveillance Cameras130% 70%2033***1-3Current RepairFuture Replacement FYM% of TotalFail Date (Years)Year FYEstimated Cost (Yrs)100%2041***100%2041***100%2041***100%2041***100%2041***100%2041***100%2041***100%2041***100%2041***100%2041***100%2041***100%2041***100%2041***100%2041***1	% of TotalFail Date (Years)Stimated Cost FYCycle FYEstimated Cost (Yrs)50%2033**10\$2,30050%2033**150%2033**1050%2033**230%2033**230%2033**150%2033**150%2033**150%2033**150%2033**150%2033**130%2033**10ther Observation, Extent : Moderate, Area Affected : 100%KenerasLocation : Throughout The Building Explanation : CCTV Surveillance Cameras1-3\$8,60000%2033**1-3\$8,600100%2048**1\$9,6000ther Observation, Extent : Light, Area Affected : 100% Location : Basement Boiler Room Explanation : 2 Units\$9,600

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

#### Asset # : 14111

Mechanical	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year I 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	\$11,700	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 Observation, Extent : L	ight, Area Affected :	100%			
	Location : 1-2					
	Explanation : 1 Unit					

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

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	: 69-70 GF : QUEENS	RAND AVE. 5 35.000 / 133( 2018		Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: MA : 1975 / 2006 : QUEENS PUBLIC I : NONE : 4062709	LIBRARY
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architec				\$133,600		
Electrical	ure			\$87,600		\$275,700
Mechanical						\$187,700
Total				\$221,200		\$463,400
Importance Code	А			\$133,600		
Importance Code				\$87,600		\$463,400
Total				\$221,200		\$463,400
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$32,400			
Interior Architect	ure		\$9,000	\$2,500	\$500	\$200
Electrical			\$400	\$200	\$200	\$300
Mechanical			\$3,700	\$2,400	\$2,000	\$2,200
Total			\$45,500	\$5,100	\$2,700	\$2,700
Importance Code	А		\$32,800	\$400	\$400	\$400
Importance Code	В		\$7,200	\$4,800	\$2,400	\$2,400
Importance Code	С		\$5,600			
Total			\$45,500	\$5,100	\$2,700	\$2,700



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

### QUEENS PUBLIC LIBRARY - 039 MASPETH BRANCH LIBRARY

#### Asset # : 13300

Architecture		Current	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Copper/Terne	5%			2050	* *	10	\$1,300	
Masonry: Brick Cavity	50%			LIFE	* *	5	\$11,300	
Masonry: Brick Cavity	42%		\$75,600	LIFE	* *	5	\$4,800	
			d, Extent : Severe, 1		ected : 50%			
			outh And East Fac					
			tent : Light, Area A		5%			
			outh And East Face					
			ent : Severe, Area A					
	Location	a : South Fo	acade Facing Phar	macy Pa				
Masonry: Marble	3%			LIFE	* *	5	\$500	
Windows								
Aluminum		Now	\$13,100	2038	* *	5	\$500	
	Hardware Missing, Extent : Moderate, Area Affected : 25%							
		: Through						
			ent : Moderate, Are	ea Affecte	ed : 50%			
	Location	: Through	out					
Parapets	/					_		
Copper/Terne	20%			2050	* *	5	\$1,100	
Masonry: Brick Cavity		Now	\$12,700	LIFE	* *	5	\$900	1
			d, Extent : Severe, . Face Of Parpaet V		ected : 40%			
Masonry: Limestone	5%	Now	\$600	LIFE	* *	5	\$100	
		r Miss/Eroo : Coping S	d, Extent : Moderat Stones	te, Area A	Affected : 50%			
		Deteriorate : Coping I	ed, Extent : Modera Stones	ite, Area	Affected : 50%			
			xtent : Moderate, A	Area Affe	ected : 5%			
		: Coping		55				
Roof								
Modified Bitumen	100%	0-2	\$58,000	2035	* *			
	Seams Open/Split, Extent : Severe, Area Affected : 10% Location : Main Roof							
	Water Per	etration, E	Extent : Severe, Are	a Affecte	d : 10%			
	Location	: Manage	rs Office And Libra	rian Are	ea			
Soffits								
Stucco Cement	100%			2043	* *	5		
nterior								
Floors								
Carpet	47%			2031	* *	3	\$7,600	
Cast in Place Concrete	10%			LIFE	* *	5	\$4,700	
Ceramic Tile	3%			2039	* *	5	\$300	
Vinyl Tile	40%			2035	* *	3	\$1,600	

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

# QUEENS PUBLIC LIBRARY - 039 MASPETH BRANCH LIBRARY

Asset # : 13300

Architecture		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nterior							
Interior Walls							
Concrete Masonry Unit	90%		LIFE	* *	5	\$8,800	
Glass: Single Pane	1%		LIFE	* *	5	\$200	
Gypsum Board	7%		LIFE	* *	5-10	\$1,500	
Metal Panel	2%		LIFE	* *	10	\$100	
Ceilings							
AcousTileConcealSpLn		2-4 \$87,600	2050	* *	5	\$6,400	
		ssing Elements, Extent : Seve		Affected : 10%			
		: Directly Under Southwest					
		Discoloring, Extent : Severe, A	rea Affec	eted : 25%			
		: Throughout	1.00	1 100/			
		etration, Extent : Severe, Are					
-		: Manager Office And Librar					
Exposed Struc: Steel	5%		LIFE	* *	10	\$1,100	
ite Enclosure							
Fence/Gates	000/		2050	* *			
Chain Link	90%		2050	* *			
Iron Picket	10%		2065				
ite Pavements Public Sidewalk							
Cast in Place Concrete	100%		2043	* *			
On-Site Walkways	10070		2043				
Cast in Place Concrete	100%		2035	* *			
	10070		2055				
Electrical		Current Repair	Futur	e Replacement	M	aintenance	
	% of	Current Repair		e Replacement			Priorit
System Component Type	% of Total	Current Repair Fail Date Estimated Cost (Years)		Estimated Cost		Estimated Cost	Priorit
System Component Type Jnder 600 Volts		Fail Date Estimated Cost	Year	-	Cycle		Priorit
System Component Type Jnder 600 Volts Service Equipment	Total	Fail Date Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Juder 600 Volts	<b>Total</b>	Fail Date Estimated Cost (Years)	Year FY 2030	Estimated Cost \$1,600	Cycle		Priorit
System Component Type Jnder 600 Volts Service Equipment	Total 100% Other Obs	Fail Date Estimated Cost (Years) ervation, Extent : Light, Area	Year FY 2030	Estimated Cost \$1,600	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Jnder 600 Volts Service Equipment	Total 100% Other Obs Location	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 <i>Affected</i>	Estimated Cost \$1,600 : 100%	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Jnder 600 Volts Service Equipment Molded Case Bkrs	Total 100% Other Obs Location	Fail Date Estimated Cost (Years) ervation, Extent : Light, Area	Year FY 2030 <i>Affected</i>	Estimated Cost \$1,600 : 100%	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard	Total 100% Other Obs Location Explana	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 Affected Disconne	Estimated Cost \$1,600 : 100% ct Switch	Cycle (Yrs) 5	Estimated Cost \$200	Priorit
System Component Type Juder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs	Total 100% Other Obs Location	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 <i>Affected</i>	Estimated Cost \$1,600 : 100%	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway	Total 100% Other Obs Location Explana 100%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 Affected Disconne 2030	Estimated Cost \$1,600 : 100% ct Switch \$34,200	Cycle (Yrs) 5	Estimated Cost \$200	Priorit
System Component Type Under 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	Total 100% Other Obs Location Explana 100%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 Affected Disconne 2030 2030	Estimated Cost \$1,600 : 100% ct Switch	Cycle (Yrs) 5 5 1	Estimated Cost \$200	Priorit
System Component Type Juder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit	Total 100% Other Obs Location Explana 100%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 Affected Disconne 2030	Estimated Cost \$1,600 : 100% ct Switch \$34,200 \$29,800	Cycle (Yrs) 5	Estimated Cost \$200	Priorit
System Component Type Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards	Total 100% Other Obs Location Explana. 100% 90% 10%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 <i>Affected</i> 2030 2030 2030 2040	Estimated Cost \$1,600 : 100% ct Switch \$34,200 \$29,800 **	Cycle (Yrs) 5 5 1 1	Estimated Cost \$200	Priorit
System Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw	Total           100%           Other Obs           Location           Explana           100%           90%           10%           5%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 <i>Affected</i> 2030 2030 2040 2029	Estimated Cost \$1,600 : 100% ct Switch \$34,200 \$29,800 * * \$800	Cycle (Yrs) 5 5 1 1 5 5	Estimated Cost \$200 \$200	Priorit
System Component Type Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Total           100%           Other Obs           Location           Explana           100%           90%           10%           5%           85%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 <i>Affected</i> 2030 2030 2040 2029 2029	Estimated Cost \$1,600 : 100% ct Switch \$34,200 \$29,800 **	Cycle (Yrs) 5 5 1 1 5 5 5	Estimated Cost \$200	Priorit
System Component Type Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	Total           100%           Other Obs           Location           Explana           100%           90%           10%           5%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 <i>Affected</i> 2030 2030 2040 2029	Estimated Cost \$1,600 : 100% ct Switch \$34,200 \$29,800 ** \$800 \$13,400	Cycle (Yrs) 5 5 1 1 5 5	Estimated Cost \$200 \$200	Priorit
System Component Type Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs Wiring	Total           100%           Other Obs           Location           Explana           100%           90%           10%           5%           85%           10%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 <i>Affected</i> 2030 2030 2030 2040 2029 2029 2029 2038	Estimated Cost \$1,600 : 100% ct Switch \$34,200 \$29,800 ** \$800 \$13,400 **	Cycle (Yrs) 5 5 1 1 5 5 5 5 1 1 1 5 5 5 5 6 6 6 6 6	Estimated Cost \$200 \$200	Priorit
Type Jnder 600 Volts Service Equipment	Total	Fail Date Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
System Component Type Juder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard	Total 100% Other Obs Location Explana	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 Affected Disconne	Estimated Cost \$1,600 : 100% ct Switch	Cycle (Yrs) 5	Estimated Cost \$200	Priori
System Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs	Total 100% Other Obs Location Explana	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 Affected Disconne	Estimated Cost \$1,600 : 100% ct Switch	Cycle (Yrs) 5	Estimated Cost \$200	Priori
System Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway	Total 100% Other Obs Location Explana 100%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 Affected Disconne 2030	Estimated Cost \$1,600 : 100% ct Switch \$34,200	Cycle (Yrs) 5	Estimated Cost \$200	Priori
System Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	Total 100% Other Obs Location Explana 100%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 Affected Disconne 2030 2030	Estimated Cost \$1,600 : 100% ct Switch \$34,200 \$29,800	Cycle (Yrs) 5 5 1	Estimated Cost \$200	Priori
System Component Type Inder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit	Total 100% Other Obs Location Explana 100%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 Affected Disconne 2030 2030	Estimated Cost \$1,600 : 100% ct Switch \$34,200 \$29,800	Cycle (Yrs) 5 5 1	Estimated Cost \$200	Priori
System Component Type Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards	Total 100% Other Obs Location Explana. 100% 90% 10%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 <i>Affected</i> 2030 2030 2030 2040	Estimated Cost \$1,600 : 100% ct Switch \$34,200 \$29,800 **	Cycle (Yrs) 5 5 1 1	Estimated Cost \$200	Priori
System Component Type Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw	Total           100%           Other Obs           Location           Explana.           100%           90%           10%           5%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 <i>Affected</i> 2030 2030 2040 2029	Estimated Cost \$1,600 : 100% ct Switch \$34,200 \$29,800 * * \$800	Cycle (Yrs) 5 5 1 1 5	Estimated Cost \$200 \$200	Priori
System Component Type Jnder 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Total           100%           Other Obs           Location           Explana           100%           90%           10%           5%           85%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 <i>Affected</i> 2030 2030 2040 2029 2029	Estimated Cost \$1,600 : 100% ct Switch \$34,200 \$29,800 ** \$800 \$13,400	Cycle (Yrs) 5 5 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Estimated Cost \$200 \$200	Priori
System Component Type Under 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	Total           100%           Other Obs           Location           Explana           100%           90%           10%           5%           85%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 <i>Affected</i> 2030 2030 2040 2029 2029	Estimated Cost \$1,600 : 100% ct Switch \$34,200 \$29,800 ** \$800 \$13,400	Cycle (Yrs) 5 5 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Estimated Cost \$200 \$200	Priori
System Component Type Under 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	Total           100%           Other Obs           Location           Explana           100%           90%           10%           5%           85%	Fail Date       Estimated Cost         (Years)       (Years)         ervation, Extent : Light, Area       : Electrical Room 1st Floor	Year FY 2030 <i>Affected</i> 2030 2030 2040 2029 2029	Estimated Cost \$1,600 : 100% ct Switch \$34,200 \$29,800 * *	Cycle (Yrs) 5 5 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Estimated Cost \$200 \$200	Priori

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*
### **QUEENS PUBLIC LIBRARY - 039 MASPETH BRANCH LIBRARY**

Asset # : 13300

	A55et # .					
Electrical	Current Repair	Future	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts						
Motor Controllers						
Locally Mounted	100%	2028	\$16,000	5		
Bround						
Grounding Devices	1000/	LIEF	* *	-	<b>†2</b> 00	
Generic	100%	LIFE	* *	5	\$200	
Lighting						
Interior Lighting LED	100%	2030	\$275,700			
LED	Other Observation, Extent : Light, 2					
	Location : Throughout The Building		. 10070			
	Explanation : Ballast And Bulb Ai	-	ousing Fixtures Ar	e Old		
Egress Lighting	F					
Emergency, Battery	50%	2030	\$5,100	10	\$900	
Exit, Service	50%	2030	\$500	1		
Exterior Lighting						
HID	100%	2025	\$28,800	10		
Alarm						
Security System						
No Component	70%					
Generic	30%	2025	\$6,900	1	\$800	
	Other Observation, Extent : Light, A		: 100%			
	Location : Throughout The Buildi	-				
	Explanation : Intrusion Alarm On	ly, Motion Sei	nsors			
Fire/Smoke Detection	700/					
No Component	70% 30%	2025	¢22 700	1.2	¢1 400	
Generic, Analog	30%	2023	\$23,700	1-3	\$1,400	
Mechanical	Current Repair	Future	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Heating						
Energy Source						
Natural Gas	100%	2040	* *	1		
	100%			-		
Conversion Editionent	100%	2010				
Conversion Equipment Hot Water Boiler			* *	1	\$3,600	
Hot Water Boiler	100%	2047		1	\$3,600	
		2047		1	\$3,600	
	100% Other Observation, Extent : Light, 2	2047		1	\$3,600	
	100% Other Observation, Extent : Light, A Location : Boiler Room	2047		1	\$3,600	
Hot Water Boiler	100% Other Observation, Extent : Light, A Location : Boiler Room	2047		1	\$3,600	
Hot Water Boiler	100% Other Observation, Extent : Light, A Location : Boiler Room Explanation : 1 Unit	2047 Area Affected	: 100%			
Hot Water Boiler Distribution Hot Wtr Piping/Pump	100% Other Observation, Extent : Light, A Location : Boiler Room Explanation : 1 Unit	2047 Area Affected	: 100%			
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	100% Other Observation, Extent : Light, A Location : Boiler Room Explanation : 1 Unit 100%	2047 Area Affected 2038	: 100%	4	\$500	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning	100% Other Observation, Extent : Light, A Location : Boiler Room Explanation : 1 Unit 100% 75%	2047 Area Affected 2038 2025	: 100% * * \$75,200	4	\$500 \$3,300	
Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	100% Other Observation, Extent : Light, A Location : Boiler Room Explanation : 1 Unit 100% 75%	2047 Area Affected 2038 2025	: 100% * * \$75,200	4	\$500 \$3,300	

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

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

### QUEENS PUBLIC LIBRARY - 039 MASPETH BRANCH LIBRARY

#### Asset # : 13300

Mechanical		Current Repair	Futur	e Replacement	acement Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment							
Reciprocating	80%		2025	\$48,400	1	\$2,700	
Compr/Chiller			<i>cc i</i> 1	1000/			
		gerant, Extent : Light, Area A : Mechanical Room	jjeciea :	100%			
Exterior Pkg Unit -	20%		2030	\$11,600	2	\$100	
Cooling							
	-	gerant, Extent : Light, Area A	ffected :	100%			
	Location	: Roof					
Terminal Devices							
Air Handler/Cool/Ht	80%		2025	\$64,000	1	\$3,600	
No Component	20%						
Heat Rejection							
Air Cooled Condenser	80%		2030	\$11,500	2	\$4,000	
Unit	• • • • •						
No Component	20%						
Ventilation							
Distribution	1000/		LIPP	* *	2.5	¢< 100	
Ductwork/Diffusers	100%		LIFE	4. 4.	2-5	\$6,400	
Exhaust Fans	70%		2020	¢17.000	2	¢200	
Interior Roof	70% 30%		2030 2030	\$17,800	2 2	\$200 \$100	
	30%		2030	\$3,600	2	\$100	
Plumbing H/C Water Piping							
Brass/Copper	100%		2040	* *	1		
Water Heater	10070		2040		1		
Gas Fired	100%		2029	\$4,400	2	\$100	
Sanitary Piping	10070		2027	ψ-1,-100	-	ψ100	
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070				1		
Cast Iron	100%		LIFE	* *	1		
Fixtures	10070		211 1				
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.

\$3,400

\$4,200

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Total

Asset Name Address Borough		DRICK BRANCH LIBRA OOSEVELT AVE. S	RY Agency's Number	: MG	
Program / Asset #	: QPL0M3	4.000 / 13299	Yr Built/Renovated	: 1974 / 2010	
Area Sq Ft	: 7,770		<b>Project Type</b>	: QUEENS PUBLIC LIB	BRARY
Date of Survey	: 12-Sep-2	018	Landmark Status	: NONE	
Areas Surveyed	: Roof, Flo	ors 1			
Block	: 5275	Lot : 102	BIN	: 4119345	
CAPITAL			FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture		\$62,600		
Total			\$62,600		
Importance Code	А		\$62,600		
Total			\$62,600		
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture	\$7,600			
Interior Architect	ure	\$14,600	\$1,600	\$1,200	
Electrical		\$700	\$500	\$700	\$600
Mechanical		\$4,300	\$3,000	\$2,300	\$2,800
Total		\$27,100	\$5,100	\$4,200	\$3,400
Importance Code	А	\$8,000	\$400	\$400	\$400
Importance Code	В	\$11,300	\$4,700	\$3,700	\$3,100
Importance Code	С	\$7,900		\$200	



\$5,100

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

\$27,100

#### Asset # : 13299

· · · · · · · · · · · · · · · · · · ·			A356(#.10					
Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Exterior								
Exterior Walls								
Concrete Masonry Unit	60%			LIFE	* *	5	\$9,000	
			Extent : Light, Area	Affected	: 100%			
			nd West Facades					
~		tion : Ribbe	ed Face Units				<u> </u>	
Concrete Masonry Unit	30%			LIFE	* *	5	\$4,500	
Metal Panel	10%	·: T		2050	**	5-10	\$8,300	
		ervation, E : Exterior	Extent : Moderate, . Corner	Area Affe	cted : 100%			
	Explana	tion : Stand	ling Seam Metal F	ascia				
Windows								
Aluminum	100%			2046	* *	5	\$1,700	
Roof								
Modified Bitumen		Now	\$62,600	2035	* *			
		-	, Extent : Moderat	e, Area A	ffected : 25%			
		: Through						
	-	~	ctent : Moderate, A	rea Affec	ted : 10%			
		: Over Off						
		etration, E : Through	xtent : Moderate, 2 out	4rea Affe	cted : 10%			
Soffits Alum/Vinyl Siding	100%			2050	* *	10		
nterior	10070			2000		10		
Floors								
Carpet	27%			2031	* *	3	\$4,700	
Cast in Place Concrete	10%			LIFE	* *	5	\$5,100	
Ceramic Tile	3%			2043	* *	5	\$300	
Vinyl Tile	60%			2038	* *	3	\$2,600	
Interior Walls								
Ceramic Tile	3%			2043	* *	5	\$400	
Concrete Masonry Unit	60%			LIFE	* *	5	\$5,900	
Glass: Single Pane	2%			LIFE	* *	5	\$400	
Gypsum Board	35%			LIFE	* *	5-10	\$7,300	
Ceilings								
AcousTileSusp.Lay-In	90%		\$1,800	2047	* *	5	\$5,200	
		-	Extent : Moderate	e, Area Aj	ffected : 10%			
	Location	: Bathrooi	n					
Exposed Struc: Steel	10%			LIFE	* *	10	\$2,300	
ite Enclosure								
Fence/Gates								
Chain Link	95%			2050	* *			
Iron Picket	5%			2065	* *			
Retaining Walls								
Cast in Place Concrete	95%			2065	* *			
Concrete Masonry Unit	5%			2050	* *			

Site Pavements

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

#### Asset #: 13299

			455el#. IJ	200				
Architecture		Current Re	epair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
	-	-	Extent : Moderate	, Area A	ffected : 5%			
	Location	1 : Througho	ut					
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Electrical		Current Re	epair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Year	<b>Estimated</b> Cost	Cycle	<b>Estimated</b> Cost	Priority
Component	Total	(Years)		FY		(Yrs)		
Туре								
Jnder 600 Volts								
Service Equipment	100%			2020	¢1 (00	5	¢200	
Molded Case Bkrs			Anna Iinla Anna	2030	\$1,600	5	\$200	
		servation, Ex 1 : Electrical	tent : Light, Area	Ајјестеа	: 100%			
				Dating	Camacita			
Servital and / Servital hand	Explana	lion : No Ave	ailable Nameplate	канпу	Capacity			
Switchgear / Switchboard Molded Case Bkrs	1000/			2020	\$24.200	5	\$200	
	100%			2030	\$34,200	5	\$200	
Raceway	0.00/			2020	¢2( 500	1		
Conduit	80%			2030	\$26,500 * *	1		
Conduit	20%			2050		1		
Panelboards	50/			2016	* *	~		
Fused Disc Sw	5%			2046		5	<b>\$200</b>	
Molded Case Bkrs	80%			2029	\$12,700 * *	5	\$200	
Molded Case Bkrs	15%			2046	~ ~	5		
Wiring	000/			2020	<b>#22.5</b> 00	1		
Thermoplastic	80%			2030	\$23,500	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers	1000/			2012	* *	-	<b>\$100</b>	
Locally Mounted	100%			2043	* *	5	\$100	
Ground								
Grounding Devices	1000/			TIPP	* *	-	<b>#2</b> 00	
Generic	100%			LIFE	<u>ጥ</u>	5	\$200	
Lighting								
Interior Lighting	98%			2035	* *	10	¢7 000	
Fluorescent			es, Extent : Light,			10	\$7,000	
	-		es, Extent : Light, ut The Building	лгеи Ајј	ecieu . 10070			
Fluorescent	2%	-		2035	* *	10	\$100	
i instruction in			Light, Extent : Lig		Affected · 100%	10	φ100	
		i : Circulatin	0 0	,	JJ · 10070			
Egress Lighting			0					
Emergency, Battery	50%			2035	* *	10	\$900	
Exit, LED	50%			2055	* *	1	φ200	
	5070			2000		1		

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

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

#### Asset # : 13299

		A55el # . 152					
Electrical	Current R	epair	Futur	e Replacement		aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Lighting Exterior Lighting HID	30%		2035	* *	10		
No Component	70%		2033		10		
Alarm							
Security System No Component Generic	70% 30% Other Observation, Ex Location : Front And	ctent : Light, Area A d Rear Of The Build	ling	* *	1	\$900	
<b>F'</b> (0 1 <b>D</b> ( )	Explanation : CCTV	Surveillance Came	ra				
Fire/Smoke Detection Generic, Digital	100% Other Observation, Ex Location : Througho	ctent : Light, Area A	2035 Iffected	* * : 100%	1-3	\$4,800	
Mechanical	Explanation : Smoke	Detectors, Strobe		<i>Manual Pull Static</i> e Replacement		m Bells	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Heating							
Energy Source Natural Gas	100%		2040	* *	1		
Conversion Equipment Hot Water Boiler	100% Obsolete Equipment, I Location : One Unit,	Extent : Moderate, 2	2047 4rea Af	* * Fected : 100%	1	\$3,800	
Distribution							
Hot Wtr Piping/Pump Terminal Devices	100%		2038	* *	4	\$600	
Air Handler	90%		2038	* *	1	\$4,300	
Convector/Radiator	10%		2035	* *	1	\$300	
Air Conditioning							
Energy Source Electricity	100%		2046	* *	1		
Conversion Equipment	10070		2040		1		
Reciprocating Compr/Chiller	100%		2038	* *	1	\$3,600	
	Other Observation, Ex Location : Roof Explanation : 1 Unit		ffected	: 100%			
Terminal Devices Air Handler/Cool/Ht	100%		2038	* *	1	\$4,800	
Heat Rejection Air Cooled Condenser Unit	100%		2038	* *	2	\$5,400	

Ventilation

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

#### Asset # : 13299

Mechanical		Current Repair		Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estim (Years)	ated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,900	
Exhaust Fans								
Interior	80%			2038	* *	2	\$200	
Roof	20%			2038	* *	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2040	* *	1		
Galvanized Steel	50%			2028	\$16,900	1		
Water Heater								
Gas Fired	100%	0-2	\$100	2028	\$4,700	2	\$100	
	Other Obse	ervation, Extent :	Moderate, 1	4rea Affe	ected : 100%			
	Location	: Boiler Room						
	Explanati	ion : 1 Unit With	Defects.					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2040	* *	1-2	\$200	

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

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### **QUEENS PUBLIC LIBRARY - FY 2020** Print Date: 12-Sep-2019

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	: 31-32 UN : QUEENS	6.000 / 14742 018	LIBRARY Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: MT : 1999 / 2012 : QUEENS PUBLIC LI : NONE : 4535108	IBRARY
CAPITAL			FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture		\$197,700		
Mechanical					\$39,700
Total			\$197,700		\$39,700
Importance Code Importance Code			\$197,700		\$39,700
Total			\$197,700		\$39,700
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture	\$23,300			
Interior Architect	ture	\$2,000	\$4,900	\$1,300	
Electrical		\$800	\$800	\$700	\$700
Mechanical		\$1,900	\$600	\$2,500	\$600
Total		\$27,900	\$6,300	\$4,500	\$1,300
Importance Code	A	\$23,800	\$200	\$500	\$200
Importance Code		\$4,200	\$6,100	\$3,700	\$1,100
Importance Code	C			\$400	
Total		\$27,900	\$6,300	\$4,500	\$1,300



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

#### Asset # : 14742

chitecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
erior								
Exterior Walls	<b>2 5 0</b> (				ala ala	-	<b>***</b>	
Cast Stone/Terra Cotta	25%			LIFE	* *	5	\$25,600	
Granite Panels	5%	N	¢22.200	LIFE	* *	5	\$500 \$17,200	
Window Wall	70%		\$23,300 d, Extent : Severe,	2049		5	\$17,200	
	-		a, Extent : Severe, Windows On Union					
		-	xtent : Severe, Are					
			Windows On Union					
Parapets		·						
Masonry: Brick	95%			LIFE	* *	5	\$800	
Pre-Cast Concrete	5%			LIFE	* *	5	\$300	
Roof								
Modified Bitumen	100%	0-2	\$197,700	2034	* *			
	Drains Ind	ad/Misposn	, Extent : Moderate	e, Area A	ffected : 5%			
	Location	: Roof						
	Ponding, I	Extent : Sei	vere, Area Affected	: 5%				
	Location	: Roof						
		U	xtent : Severe, Are	a Affecte	d : 10%			
	Water Per	etration, E	xtent : Severe, Area cal Room, Reading	00	d : 10%			
rior	Water Per	etration, E		00	d : 10%			
Floors	Water Per Location	etration, E		Room				
Floors Carpet	Water Per Location 75%	etration, E		2028	\$128,800	3	\$14,300	
Floors Carpet Cast in Place Concrete	Water Per Location 75% 5%	etration, E		2028 LIFE	\$128,800 * *	5	\$1,400	
Floors Carpet Cast in Place Concrete Ceramic Tile	Water Per Location 75% 5% 15%	etration, E		2028 LIFE 2038	\$128,800 ** **	5 5	\$1,400 \$1,900	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile	Water Per Location 75% 5%	etration, E		2028 LIFE	\$128,800 * *	5	\$1,400	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls	Water Per Location 75% 5% 15% 5%	etration, E		2028 LIFE 2038 2034	\$128,800 ** ** **	5 5 3	\$1,400 \$1,900 \$200	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile	Water Per Location 75% 5% 15% 5%	etration, E		2028 LIFE 2038 2034 2038	\$128,800 ** ** **	5 5 3 5	\$1,400 \$1,900 \$200 \$800	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane	Water Per Location 75% 5% 15% 5% 5% 2%	etration, E		2028 LIFE 2038 2034 2038 LIFE	\$128,800 ** ** ** **	5 5 3 5 5	\$1,400 \$1,900 \$200 \$800 \$200	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board	Water Per Location 75% 5% 15% 5%	etration, E		2028 LIFE 2038 2034 2038	\$128,800 ** ** **	5 5 3 5	\$1,400 \$1,900 \$200 \$800	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board Ceilings	Water Per Location 75% 5% 15% 5% 5% 2% 93%	etration, E	cal Room, Reading	2028 LIFE 2038 2034 2038 LIFE LIFE	\$128,800 ** ** ** ** ** **	5 5 3 5 5 5	\$1,400 \$1,900 \$200 \$800 \$200 \$8,500	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board	Water Per Location 75% 5% 15% 5% 2% 93%	etration, E : Mechani	cal Room, Reading	2028 LIFE 2038 2034 2038 LIFE LIFE 2042	\$128,800 ** ** ** ** ** ** **	5 5 3 5 5	\$1,400 \$1,900 \$200 \$800 \$200	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board Ceilings	Water Per Location 75% 5% 15% 5% 2% 93% 90% Staining/E	etration, E : Mechani 4+ Discoloring,	cal Room, Reading \$2,000 Extent : Light, Arc	2028 LIFE 2038 2034 2038 LIFE LIFE 2042	\$128,800 ** ** ** ** ** ** **	5 5 3 5 5 5	\$1,400 \$1,900 \$200 \$800 \$200 \$8,500	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board Ceilings Acous TileSusp.Lay-In	Water Per Location 75% 5% 15% 5% 2% 93% 90% Staining/L Location	etration, E : Mechani 4+ Discoloring,	cal Room, Reading	2028 LIFE 2038 2034 2038 LIFE LIFE 2042 2042 2042	\$128,800 ** ** ** ** ** ** ed : 2%	5 5 3 5 5 5 5	\$1,400 \$1,900 \$200 \$800 \$200 \$8,500 \$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 Gypsum Board	Water Per Location 75% 5% 15% 5% 2% 93% 90% Staining/E	etration, E : Mechani 4+ Discoloring,	cal Room, Reading \$2,000 Extent : Light, Arc	2028 LIFE 2038 2034 2038 LIFE LIFE 2042	\$128,800 ** ** ** ** ** ** **	5 5 3 5 5 5	\$1,400 \$1,900 \$200 \$800 \$200 \$8,500	
Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board Ceilings AcousTileSusp.Lay-In Gypsum Board	Water Per Location 75% 5% 15% 5% 2% 93% 90% Staining/L Location	etration, E : Mechani 4+ Discoloring,	cal Room, Reading \$2,000 Extent : Light, Arc	2028 LIFE 2038 2034 2038 LIFE LIFE 2042 2042 2042	\$128,800 ** ** ** ** ** ** ed : 2%	5 5 3 5 5 5 5	\$1,400 \$1,900 \$200 \$800 \$200 \$8,500 \$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 Gypsum Board	Water Per Location 75% 5% 15% 5% 2% 93% 90% Staining/L Location	etration, E : Mechani 4+ Discoloring,	cal Room, Reading \$2,000 Extent : Light, Arc	2028 LIFE 2038 2034 2038 LIFE LIFE 2042 2042 2042	\$128,800 ** ** ** ** ** ** ed : 2%	5 5 3 5 5 5 5	\$1,400 \$1,900 \$200 \$800 \$200 \$8,500 \$5,700	

Year Estimated Cost Cycle Estimated Cost Priority

(Yrs)

Under 600 Volts

Component

Туре

System

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

% of Fail Date Estimated Cost

FY

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

Total (Years)

#### Asset # : 14742

Electrical	C	urrent Repair	Future	Replacement	Μ	aintenance	
System Component Type		il Date Estimated Cost (ears)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2055	* *	5		
		ation, Extent : Light, Area Electrical Room	Affected :	100%			
		iectrical Room : Main Service Disconned	t Cauitala D	ated 11 600 Amer	21122		
Switchgear / Switchboard	Explanation	: Main Service Disconned	a Swiich K	alea Al 000 Amp	eres.		
Molded Case Bkrs	100%		2055	* *	5	\$200	
Raceway	10070		2000		5	<i>\$</i> 200	
Conduit	100%		2055	* *	1		
Panelboards							
Fused Disc Sw	5%		2051	* *	5		
Molded Case Bkrs	95%		2051	* *	5	\$200	
Wiring							
Thermoplastic	100%		2055	* *	1		
fround							
Grounding Devices	1000/		LIPP	* *	-	<b>\$100</b>	
Generic	100%		LIFE	* *	5	\$100	
ighting Interior Lighting							
Fluorescent	94%		2037	* *	10	\$6,900	
Tuorescent		d Fixtures, Extent : Light,		cted · 100%	10	\$0,700	
	-	hroughout The Building	111 000 11990				
Fluorescent	1%	0 0	2037	* *	10	\$100	
1 huoreseent		d Fixtures, Extent : Light,		cted : 100%	10	\$100	
	Location : T						
Fluorescent	5%		2037	* *	10	\$400	
Thursdoon	-	orescent Light, Extent : Lig		<i>Iffected : 100%</i>	10	<b>\$100</b>	
	Location : H		, ,	55			
Egress Lighting							
Emergency, Battery	40%		2037	* *	10	\$800	
Exit, LED	60%		2064	* *	1		
larm							
Security System							
No Component	20%						
Generic	80%		2037	* *	1	\$2,400	
		ation, Extent : Light, Area		100%			
		eading Areas And Hallwa	-				
Fire/Smoke Detection	Ελριαπαίιοη	: CCTV Surveillance Can	ierus				
Generic, Digital	100%		2037	* *	1-3	\$4,900	
Ocheric, Digitai		ation, Extent : Light, Area			1-5	\$ <del>4</del> ,700	
		hroughout The Building					
		: Strobe Lights, Manual 1	Pull Station	ns, Alarm Bells. S	moke De	etectors And Horns	

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

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

#### Asset # : 14742

		ASSEL # . 14	F/ <b>7</b> 6				
Mechanical	C	urrent Repair	Futur	e Replacement	М	aintenance	
System Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
leating							
Energy Source							
Electricity	60%		2055	* *	1		
Natural Gas	40%		2049	* *	1		
Conversion Equipment							
Furnace	40%		2029	\$7,500	1	\$1,600	
		vation, Extent : Light, Area	Affected	: 100%			
	Location :	-					
	Explanation	n : 1 Package Unit.					
Heat Pump Air Sourced			2033	* *	2	\$1,500	
	Other Observ	vation, Extent : Light, Area	Affected	: 100%			
	Location :	-					
	Explanation	n : 4 Units					
Terminal Devices						• -	
Air Handler	60%		2037	* *	1	\$3,000	
No Component	40%						
ir Conditioning							
Energy Source	1000/		2051	* *			
Electricity	100%		2051	* *	1		
Conversion Equipment	500/		2022	* *	2	¢200	
Heat Pump Air Sourced		nation Extant · Light Anos	2033		2	\$200	
	Location : 1	vation, Extent : Light, Area Roof	Ајјестей	. 10070			
		n : 4 Units, R-410a Refrige	rant				
	_	1. 4 Onlis, K-4100 Kejrige		¢20.700	2	<b>\$200</b>	
Ext Pkg Unit -	40%		2029	\$39,700	2	\$200	
Heating/Cooling		rant, Extent : Light, Area A 1 Unit On Roof	Iffected :	100%			
Split Unit	10%		2029	\$16,900			
	R-22 Refrige	rant, Extent : Light, Area A	Iffected :	100%			
	Location : 1	2 Units On Roof					
Heat Rejection							
Air Cooled Condenser	50%		2037	* *	2	\$2,800	
Unit					-		
Air Cooled Condenser	10%		2029	\$1,600	2	\$600	
Unit							
No Component	40%						
entilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	25	¢1 500	
	100%0		LIFE	·.· · ·	2-5	\$4,500	
Exhaust Fans Interior	50%		2037	* *	n	\$100	
Roof	50% 30%				2	\$100 \$100	
Roof	30% 20%		2029 2037	\$3,900 * *	2 2	\$100 \$100	
umbing	20%0		2037	·.· · ·	2	\$100	
H/C Water Piping							
Brass/Copper	100%		2055	* *	1		
Diass/Copper	10070		2055		1		

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

Asset # : 14742

Mechanical	Current Rep	air Future F	Replacement	Maintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year E FY	stimated Cost Cyc (Yr	le Estimated Cost s)	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	

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

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed	<ul> <li>98-27 ME</li> <li>QUEENS</li> <li>QPL0N38</li> <li>7,770</li> <li>02-Nov-20</li> <li>Roof, Floor</li> </ul>	TROPOLI 3. 3.000 / 1330 018 018		70TH AVE Agency's Number Yr Built/Renovated Project Type Landmark Status	: NF : 1982 / 2012 : QUEENS PUBLIC LI : NONE	BRARY
Block	: 3207	Lot	: 26	BIN	: 4076687	
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture			\$97,400		
Electrical						\$82,300
Mechanical						\$292,000
Total				\$97,400		\$374,300
Importance Code	А			\$97,400		\$59,300
Importance Code	В					\$314,900
Total				\$97,400		\$374,300
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$3,100		\$400	
Interior Architect	ure		\$10,500		\$1,200	\$100
Electrical			\$8,400	\$200	\$300	\$300
Mechanical			\$4,800	\$1,400	\$2,900	\$1,200
Site Pavements			\$2,100			
Total			\$29,000	\$1,600	\$4,900	\$1,600
Importance Code	А		\$3,500	\$400	\$800	\$400
Importance Code	В		\$17,400	\$1,200	\$4,100	\$1,200
Importance Code	С		\$8,100			



\$1,600

\$4,900

\$1,600

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

\$29,000

Total

#### Asset # : 13301

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
xterior							
Exterior Walls							
Masonry: Brick Cavity	82%	4+ \$97,400	LIFE	* *	5	\$12,300	
		r Miss/Erod, Extent : Severe,					
		: South Facade Front Eleva	,				
		Growth, Extent : Severe, Ar	ea Affecte	d : 5%			
		: West Facade					
Metal Panel	10%		2050	* *	5-10	\$10,300	
Pre-Cast Concrete		Now \$3,100	LIFE	* *	5	\$1,500	
		Crumbling, Extent : Severe, A	lrea Affec	ted : 5%			
		: Window Sills					
		r Miss/Erod, Extent : Severe,	Area Affe	cted : 50%			
		: Window Sills					
Window Wall	5%		2050	* *	5	\$2,800	
Windows							
Aluminum	95%		2038	* *	5	\$900	
Metal Louvers	5%		2039	* *	10	\$300	
Parapets							
Metal Panel	15%		2050	* *	5		
No Component	85%						
Roof							
Modified Bitumen	100%		2035	* *	10	\$21,900	
Soffits	4000/				_		
Stucco Cement	100%		2043	* *	5		
nterior							
Floors	120/		TIPE	* *	-	¢< <00	
Cast in Place Concrete	13%		LIFE	* *	5	\$6,600	
Ceramic Tile	2%		2039	* *	5	\$200	
Vinyl Tile	85%		2035		3	\$3,700	
Interior Walls	070/		LIPP	* *	-	¢11.500	
Concrete Masonry Unit	97%		LIFE	* *	5	\$11,500	
Glass: Single Pane	3%		LIFE		5	\$700	
Ceilings	95%		2035	* *	5	\$11,000	
AcousTileSusp.Lay-In Exposed Struc: Steel	93% 5%		LIFE	* *	5 10	\$11,000	
	370		LIFE		10	\$1,200	
ite Enclosure Fence/Gates							
Chain Link	80%		2040	* *			
Iron Picket	20%		2040	* *			
ite Pavements	2070		2005				
Public Sidewalk							

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

#### Asset # : 13301

A				_		
Architecture	Current Repai		Replacement		aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year H FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Site Pavements On-Site Walkways Cast in Place Concrete	100% 4+ Cracking/Crumbling, Exte Location : Right Side Ya Misaligned/Bulging, Exten Location : Right Side Ya	rd nt : Moderate, Area Affec				
Electrical	Current Repai	ir Future	Replacement	М	laintenance	
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year H FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Molded Case Bkrs	100% Other Observation, Extent Location : Electrical Roc Explanation : One 400 A	om		5	\$200	
Switchgear / Switchboard	Lipianaiton i ene room					
Molded Case Bkrs	100%	2030	\$34,200	5	\$200	
Raceway						
Conduit	100%	2030	\$33,200	1		
Panelboards Fused Disc Sw	5%	2029	\$800	5		
Molded Case Bkrs	95%	2029	\$15,000	5	\$200	
Wiring Thermoplastic	100%	2030	\$29,300	1		
Motor Controllers						
Locally Mounted	100%	2028	\$16,000	5	\$100	
Ground Grounding Devices						
Grounding Devices Generic	100%	LIFE	* *	5	\$200	
Lighting					+	
Interior Lighting Fluorescent	98% T-12 Lamps And Fixtures, Location : Throughout T		\$80,700 ected : 100%	10	\$7,000	
Eluoroccent	2%		¢1 600	10	¢100	
Fluorescent	2% Other Observation, Extent Location : Bookcase Are Explanation : Compact F	a And Front Desk	\$1,600 100%	10	\$100	
Egress Lighting	· · ·					
Emergency, Battery	50%	2025	\$5,500	10	\$900	
Exit, Service Exterior Lighting	50%	2025	\$600	1		
HID Alarm	100%	2025	\$31,000	10		

Alarm

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

#### Asset # : 13301

	Current Repair	Futur	e Replacement	М	aintenance	
% of Total	Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
				1	\$900	
	-	ea Affected	1:100%			
Explana	tion : Intrusion Alarm Only					
700/						
		2025	* *	1.0	¢1 400	
30%		2035	* *	1-3	\$1,400	
	Current Repair	Futur	e Replacement	М	aintenance	
% of	Fail Date Estimated Cos	t Vear	Estimated Cost	Cycle	Estimated Cost	Priorit
		FY	Estimated Cost		Listinated Cost	1110110
	( )			( )		
100%		2040	* *	1		
1000/		• • • • •	<b>* -</b>		<b>**</b>	
				1	\$3,800	
	-	ea Affected	: 100%			
Explana	tion : I Unit					
1000/		2020	* *	4	\$600	
10070		2038		4	\$000	
750/		2025	\$81.200	1	\$3 600	
2370		2033		1	\$000	
100%		2038	* *	1		
10070		2030		1		
100%		2025	\$65 300	1	\$3 600	
10070		2023	\$05,500	1	\$5,000	
R-22 Refr	gerant, Extent : Light, Area	Affected :	100%			
	: Mechanical Room	<i></i>				
100%		2025	\$86.100	1		
100%		2025	\$86,100	1		
100%		2025	\$86,100	1		
100%		2025	\$86,100	2	\$5,400	
					\$5,400	
					\$5,400	
					\$5,400 \$6,900	
100%		2035	**	2		
100%		2035	**	2		
	Location Explanat 70% 30% <b>% of</b> Total 100% 0ther Obs Location Explanat 100% 75% 25% 100%	30%         Other Observation, Extent : Light, Art         Location : Exit Doors         Explanation : Intrusion Alarm Only         70%         30%         Current Repair         % of Fail Date Estimated Cos         Total (Years)         100%         0ther Observation, Extent : Light, Art         Location : Boiler Room         Explanation : 1 Unit         100%         75%         25%         100%         100%	30%2025Other Observation, Extent : Light, Area Affected Location : Exit Doors Explanation : Intrusion Alarm Only70% 30%203570% 30%2035Current RepairFutur Year FY100%2040100%2028Other Observation, Extent : Light, Area Affected Location : Boiler Room Explanation : 1 Unit100%203875% 25%2025 2035100%2038100%2038	30%       2025       \$7,500         Other Observation, Extent : Light, Area Affected : 100%       Location : Exit Doors         Explanation : Intrusion Alarm Only       2035       **         70%       2035       **         70%       2035       **         70%       2035       **         70%       2035       **         70%       2035       **         70%       2035       **         100%       Fail Date Estimated Cost (Years)       Year Estimated Cost FY         100%       2028       \$59,300         Other Observation, Extent : Light, Area Affected : 100%       Location : Boiler Room Explanation : 1 Unit         100%       2038       **         100%       2038       **         100%       2038       **	30%       2025       \$7,500       1         Other Observation, Extent : Light, Area Affected : 100%       Location : Exit Doors       Explanation : Intrusion Alarm Only         70%       2035       **       1-3         70%       2035       **       1-3         0       Current Repair       Future Replacement       M         % of       Fail Date Estimated Cost       Year       Estimated Cost       Cycle (Yrs)         100%       2040       **       1         100%       2028       \$59,300       1         0ther Observation, Extent : Light, Area Affected : 100%       1       1         100%       2038       **       4         75%       2025       \$81,200       1         100%       2038       **       1         100%       2038       **       1         100%       2035       **       1         100%       2038       **       1         100%       2038       **       1         100%       2038       **       1         100%       2038       **       1         100%       2038       **       1	30%       2025       \$7,500       1       \$900         Other Observation, Extent : Light, Area Affected : 100%       Location : Exit Doors       Explanation : Intrusion Alarm Only         70%       2035       **       1-3       \$1,400         70%       2035       **       1-3       \$1,400         70%       2035       **       1-3       \$1,400         70%       2035       **       1-3       \$1,400         70%       2035       **       1-3       \$1,400         100%       Fail Date Estimated Cost Total (Years)       Year Estimated Cost FY       Cycle Estimated Cost (Years)         100%       2040       **       1       \$3,800         00her Observation, Extent : Light, Area Affected : 100%       1       \$3,800         01her Observation, Extent : Light, Area Affected : 100%       1       \$3,800         01her Observation, Extent : Light, Area Affected : 100%       1       \$3,800         01her Observation, Extent : Light, Area Affected : 100%       1       \$3,600         25%       2035       **       4       \$600         75%       2025       \$81,200       1       \$600         25%       2038       **       1       \$600

Plumbing

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

Asset # : 13301

echanical	Curre	ent Repair	Futur	re Replacement	М	aintenance	
rstem Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing							
H/C Water Piping							
Brass/Copper	100%		2040	* *	1		
Water Heater							
Gas Fired	100%		2029	\$4,700	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.

#### Page : 162

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

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	: 13-Sep-2018	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1		
Block	: 8276 Lot : 20	BIN	: 4171760

CAPITAL		FY 2021 - 2024		FY 2025 - 2030
Exterior Architecture		\$87,200		\$66,800
Electrical				\$57,800
Mechanical				\$202,300
Total		\$87,200		\$326,900
Importance Code A		\$87,200		\$107,100
Importance Code B				\$219,800
Total		\$87,200		\$326,900
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$13,300			
Interior Architecture	\$8,000		\$3,400	\$500
Electrical	\$700	\$500	\$600	\$600
Mechanical	\$3,000	\$1,900	\$1,600	\$1,900
Site Pavements	\$4,700			
Total	\$29,700	\$2,400	\$5,600	\$2,900
Importance Code A	\$13,500	\$300	\$300	\$300
Importance Code B	\$7,200	\$2,100	\$5,300	\$2,400
Importance Code C	\$8,900			\$300
Total	\$29,700	\$2,400	\$5,600	\$2,900



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

#### Asset # : 13302

chitecture		Current Dame	501 <i>#</i> .1550		. Doulo comert			
		Current Repai			e Replacement		aintenance	
stem Component Type	% of Total	Fail Date Esti (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
erior								
Exterior Walls Glazed Ceramic Panel	Jnt Morta	Now <sup>r</sup> Miss/Erod, Ext : Throughout	\$49,300 L ent : Moderate, 2	JFE 4rea A	* * Affected : 50%	5	\$66,800	
Metal Panel	5%		2	050	* *	5-10	\$5,200	
Windows Aluminum	100% Glazing B Location Water Per	: Lunch Room		.046 e, Are		5	\$700	
Roof								
Metal Panel	Location Other Obs Location	: Gutter Area ervation, Extent : Dorm Roof	2 Light, Area Affec : Light, Area Aff Vith A Liquid App	fected	: 100%	10	\$37,900	
Single Ply Membrane	Location Ponding, I	: Lower Roof	2 Moderate, Area A rea Affected : 10		* * d : 2%	10	\$6,900	
erior								
Floors Carpet		tallation, Extent : Meeting Roon	: Light, Area Af	029 Fected	\$90,700 : 100%	3	\$10,100	
Cast in Place Concrete	5%		I	IFE	* *	5	\$1,700	
Ceramic Tile	5%			039	* *	5	\$400	
Vinyl Tile	5%			035	* *	3	\$100	
Interior Walls								
Ceramic Tile	5%		2	.039	* *	5	\$600	
Concrete Masonry Unit	95%		L	IFE	* *	5	\$8,400	
Ceilings	-							
AcousTileSusp.Lay-In	5%			035	* *	5	\$700	
AcousTileSusp.Lay-In	25%			035	* *	5	\$3,500	
Exposed Struc: Steel	5%			IFE	* *	10	\$1,400	
Gypsum Board No Component	Location	: Space Under	: Light, Area Afj The Dome		: 0%	5-10	\$2,400	
<b>P</b> 1	Explana	tion : This Area	Is Covered With	Canva	as Fabric			
e Enclosure								
Fence/Gates								

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

Asset # : 13302

	Current I	Repair	Futur	re Replacement	М	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%			2065	* *			
1000/			20.42	* *			
100%			2043				
100%	0.2	\$4 700	2043	* *			
Cracking/	Crumbling,	Extent : Severe, A					
100%			2039	* *			
	Current I	Repair	Futur	re Replacement	М	aintenance	
% of	Fail Date	Estimated Cost	Vear	Estimated Cost	Cycle	Estimated Cost	Priority
Total	(Years)	Listinuteu Cost	FY	Listillated Cost	(Yrs)	Listiniated Cost	1 1 101 103
1000/			2020	\$1.600	5		
					3		
		-	Ајјестеа	1:100%			
				with the Destand 14 20	0. 4		
Explana	non : Two I	Main Service Disco	onnect Sv	viiches Ratea At 20	10 Amper	es Each.	
1000/			2020	\$24,200	5		
100%			2030	\$34,200	3		
0.00/			2020	\$2C 500	1		
20%			2056		1		
100/			2020	* *	5		
						¢100	
						\$100	
2070			2032		5		
<u>800/</u>			2020	\$22.500	1		
2070			2030		1		
100%			2028	\$16,000	5		
10070			2020	\$10,000	5		
100%			I IEE	* *	5	\$200	
10070			LILL		5	\$200	
50%			2030	\$2 800	10	\$200	
	Fluorescen	Light Extent · Lie			10	Φ200	
-			,, 111 CU				
			2020	* *			
93%			2038	-r- m			
	Total           100%           100%           100%           Cracking/ Location           100%           0           0           0           0           0           100%           0           0           0           100%           0           0           100%           0           0           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           100%           100%           100%           100%           100%           100%           100%	% of Total         Fail Date (Years)           100%         0-2           100%         0-2           Cracking/Crumbling, Location : Rear Of         0           100%         0-2           100%         0-2           Current If         0           % of         Fail Date (Years)           100%         0           100%         0           100%         0           100%         100 </td <td>Total (Years)           100%           100%           0-2         \$4,700           Cracking/Crumbling, Extent : Severe, A           Location : Rear Of Building           100%           100%           Current Repair           % of Fail Date Estimated Cost Total (Years)           100%           Other Observation, Extent : Light, Area           Location : Electrical Room           Explanation : Two Main Service Disco           100%           100%           00her Observation, Extent : Light, Area           Location : Electrical Room           Explanation : Two Main Service Disco           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%</td> <td>% of Total         Fail Date (Years)         Stimated Cost (Years)         Year FY           100%         2065         2065           100%         0-2         \$4,700         2043           100%         0-2         \$4,700         2043           100%         0-2         \$4,700         2043           100%         0-2         \$4,700         2039           100%         0-2         \$4,700         2039           100%         Current Repair         Future           % of         Fail Date         Estimated Cost         Year           % of         Fail Date         Estimated Cost         Year           100%         2030         2030         2030           0/ther Observation, Extent : Light, Area Affecter         2030         2030           100%         2030         2030         2030           100%         2030         2030         2030           100%         2030         2030         2030           20%         2030         2052         2030           100%         2030         2056         2030           100%         2030         2056         2030           20%         2030</td> <td>% of Total         Fail Date Estimated Cost (Years)         Year         Estimated Cost FY           100%         2065         ***           100%         2043         ***           100%         0-2         \$4,700         2043         ***           100%         0-2         \$4,700         2043         ***           100%         0-2         \$4,700         2043         ***           100%         0-2         \$4,700         2043         ***           100%         0-2         \$4,700         2043         ***           100%         0-2         \$4,700         2043         ***           100%         2039         ***         **           100%         2039         \$1,600           01her Observation, Extent : Light, Area Affected : 100%         \$1,600           01her Observation, Extent : Light, Area Affected : 100%         \$2030         \$34,200           100%         2030         \$34,200         \$34,200           80%         2030         \$22,500         \$**           100%         2038         ***         \$*           20%         2030         \$23,500         \$*           20%         2030         \$23,5</td> <td>% of Total         Fail Date (Years)         Estimated Cost FY         Year Fy         Estimated Cost FY         Cycle (Yrs)           100%         2065         **        </td> <td>% of Total         Fail Date (Years)         Stimated Cost FY         Cycle FY         Estimated Cost (Yrs)         Estimated Cost (Yrs)           100%         2065         **        </td>	Total (Years)           100%           100%           0-2         \$4,700           Cracking/Crumbling, Extent : Severe, A           Location : Rear Of Building           100%           100%           Current Repair           % of Fail Date Estimated Cost Total (Years)           100%           Other Observation, Extent : Light, Area           Location : Electrical Room           Explanation : Two Main Service Disco           100%           100%           00her Observation, Extent : Light, Area           Location : Electrical Room           Explanation : Two Main Service Disco           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%           20%           100%	% of Total         Fail Date (Years)         Stimated Cost (Years)         Year FY           100%         2065         2065           100%         0-2         \$4,700         2043           100%         0-2         \$4,700         2043           100%         0-2         \$4,700         2043           100%         0-2         \$4,700         2039           100%         0-2         \$4,700         2039           100%         Current Repair         Future           % of         Fail Date         Estimated Cost         Year           % of         Fail Date         Estimated Cost         Year           100%         2030         2030         2030           0/ther Observation, Extent : Light, Area Affecter         2030         2030           100%         2030         2030         2030           100%         2030         2030         2030           100%         2030         2030         2030           20%         2030         2052         2030           100%         2030         2056         2030           100%         2030         2056         2030           20%         2030	% of Total         Fail Date Estimated Cost (Years)         Year         Estimated Cost FY           100%         2065         ***           100%         2043         ***           100%         0-2         \$4,700         2043         ***           100%         0-2         \$4,700         2043         ***           100%         0-2         \$4,700         2043         ***           100%         0-2         \$4,700         2043         ***           100%         0-2         \$4,700         2043         ***           100%         0-2         \$4,700         2043         ***           100%         2039         ***         **           100%         2039         \$1,600           01her Observation, Extent : Light, Area Affected : 100%         \$1,600           01her Observation, Extent : Light, Area Affected : 100%         \$2030         \$34,200           100%         2030         \$34,200         \$34,200           80%         2030         \$22,500         \$**           100%         2038         ***         \$*           20%         2030         \$23,500         \$*           20%         2030         \$23,5	% of Total         Fail Date (Years)         Estimated Cost FY         Year Fy         Estimated Cost FY         Cycle (Yrs)           100%         2065         **	% of Total         Fail Date (Years)         Stimated Cost FY         Cycle FY         Estimated Cost (Yrs)         Estimated Cost (Yrs)           100%         2065         **

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

### Asset # : 13302

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
ighting							
Egress Lighting							
Emergency, Battery	50%		2038	* *	10	\$600	
Exit, Service	50%		2038	* *	1		
Exterior Lighting							
HID	30%		2030	\$6,300	10		
No Component	70%						
larm							
Security System	1000/			<b>.</b>		<b>**</b>	
Generic	100%		2025	\$16,900	1	\$2,000	
		ervation, Extent : Light, Arec	a Affected	: 100%			
		: Throughout The Building					
Fire/Smoke Detection	Explanal	tion : Intrusion Alarm Only. 1	motion Se	ensors			
Fire/Smoke Detection Generic, Analog	100%		2025	\$57,800	1-3	\$3,400	
Generic, Allalog		ervation, Extent : Light, Arec			1-5	\$5,400	
		: Throughout The Building	i Ajjecieu	. 10070			
		tion : Smoke Detectors, Alarn	n Rolla A	nd Manual Pull Sta	tions		
	Елринии	ion . Smoke Delectors, Alum	n Dells Al	ia manuai 1 ali Sia	nons		
lechanical		Current Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date Estimated Cost	Year	<b>Estimated</b> Cost	Cycle	<b>Estimated</b> Cost	Priorit
Component Type	Total	(Years)	FY		(Yrs)		
leating							
Energy Source Natural Gas	100%		2040	* *	1		
	10070		2040		1		
Conversion Equipment Hot Water Boiler	100%		2028	\$40,300	1	\$2,600	
Hot water Boller		ervation, Extent : Light, Arec			1	\$2,000	
	Other Obs			· 100%			
		÷	i Affected	: 100%			
	Location	: Basement Boiler Room	i Affected	2 : 100%			
Distribution	Location	÷	i Affected	1: 100%			
Distribution Hot Wtr Pining/Pump	Location Explanat	: Basement Boiler Room			4	\$400	
Hot Wtr Piping/Pump	Location	: Basement Boiler Room	2029	\$8,200	4	\$400	
Hot Wtr Piping/Pump Terminal Devices	Location Explanat 100%	: Basement Boiler Room	2029	\$8,200			
Hot Wtr Piping/Pump Terminal Devices Air Handler	Location Explanat 100% 80%	: Basement Boiler Room	2029 2025	\$8,200 \$58,900	1	\$2,600	
Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	Location Explanat 100%	: Basement Boiler Room	2029	\$8,200			
Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning	Location Explanat 100% 80%	: Basement Boiler Room	2029 2025	\$8,200 \$58,900	1	\$2,600	
Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source	Location Explanat 100% 80% 20%	: Basement Boiler Room	2029 2025 2028	\$8,200 \$58,900	1 1	\$2,600	
Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity	Location Explanat 100% 80%	: Basement Boiler Room	2029 2025	\$8,200 \$58,900 \$5,600	1	\$2,600	
Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment	Location Explanat 100% 80% 20% 100%	: Basement Boiler Room	2029 2025 2028 2038	\$8,200 \$58,900 \$5,600 * *	1 1	\$2,600 \$300	
Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating	Location Explanat 100% 80% 20%	: Basement Boiler Room	2029 2025 2028	\$8,200 \$58,900 \$5,600	1 1	\$2,600	
Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment	Location Explanat 100% 80% 20% 100%	: Basement Boiler Room tion : 1 Unit	2029 2025 2028 2038 2038 2025	\$8,200 \$58,900 \$5,600 * * \$44,400	1 1	\$2,600 \$300	
Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator ir Conditioning Energy Source Electricity Conversion Equipment Reciprocating	Location Explanat 100% 80% 20% 100% 100% <i>R-22 Refri</i>	: Basement Boiler Room	2029 2025 2028 2038 2038 2025	\$8,200 \$58,900 \$5,600 * * \$44,400	1 1	\$2,600 \$300	
Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating Compr/Chiller	Location Explanat 100% 80% 20% 100% 100% <i>R-22 Refri</i>	: Basement Boiler Room tion : 1 Unit gerant, Extent : Light, Area 2	2029 2025 2028 2038 2038 2025	\$8,200 \$58,900 \$5,600 * * \$44,400	1 1	\$2,600 \$300	
Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Reciprocating	Location Explanat 100% 80% 20% 100% 100% <i>R-22 Refri</i>	: Basement Boiler Room tion : 1 Unit gerant, Extent : Light, Area 2	2029 2025 2028 2038 2038 2025	\$8,200 \$58,900 \$5,600 * * \$44,400	1 1	\$2,600 \$300	

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

#### Asset # : 13302

Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Heat Rejection	1000/		2020	¢10,500	•	<b>#2 7</b> 00	
Air Cooled Condenser	100%		2030	\$10,500	2	\$3,700	
Unit							
Ventilation Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,700	
Exhaust Fans	10070		LIIL		20	\$1,700	
Interior	50%		2025	\$9,300	2	\$100	
Roof	50%		2025	\$4,300	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2040	* *	1		
Water Heater							
Gas Fired	100%		2025	\$3,200	2	\$100	
		rvation, Extent : Light, Area Mechanical Room	Affected	: 100%			
	Explanatio	on : 40 Gallons					
Sanitary Piping	<u>^</u>						
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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### Page : 167

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: OZONE PARK BRANCH LIBRARY		
Address	: 92-24 ROCKAWAY BLVD.		
Borough	: QUEENS	Agency's Number	: OZ
Program / Asset #	: QPL0O40.000 / 13303	Yr Built/Renovated	÷ 1977 / 1999
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 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture		\$2,000		\$20,800
Interior Architecture	\$5,200	\$4,200	\$400	
Electrical	\$600	\$800	\$700	\$800
Mechanical	\$400	\$500	\$1,000	\$5,100
Total	\$6,200	\$7,500	\$2,100	\$26,600
Importance Code A	\$400	\$2,400	\$400	\$21,300
Importance Code B	\$5,800	\$5,100	\$1,500	\$5,400
Importance Code C			\$200	
Total	\$6,200	\$7,500	\$2,100	\$26,600



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

Asset # : 13303

Architecture		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior							
Exterior Walls							
Masonry: Brick Cavity	90%		LIFE	* *	5	\$16,000	
Metal/Glass Curt Wall	10%		LIFE	* *	5	\$3,300	
Roof							
Metal Panel	5%		2042	* *	10	\$2,000	
Modified Bitumen	95%		2034	* *	10	\$20,800	
nterior							
Floors							
Carpet	70%		2028	\$106,200	3	\$11,800	
Cast in Place Concrete	5%		LIFE	* *	5	\$1,200	
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	\$2,100	
Gypsum Board	10%		LIFE	* *	5	\$400	
Ceilings							
AcousTileSusp.Lay-In	90%		2046	* *	5	\$10,300	
Exposed Struc: Steel	5%		LIFE	* *			
Gypsum Board	5%		LIFE	* *	5	\$700	
lite Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2042	* *			
On-Site Walkways							
Cast in Place Concrete	100%		2042	* *			

lectrical	Current R	epair Futt	ire Replacement	Μ	aintenance	
vstem Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	• Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2029	\$1,600	5	\$200	
	Other Observation, Ex	tent : Light, Area Affecte	d : 100%			
	Location : Electrical	Room				
	Explanation : Main S	Service Disconnect Switc	h Rated At 600 Amp	eres.		
Switchgear / Switchboard						
Molded Case Bkrs	50%	2029	\$17,100	5	\$100	
Molded Case Bkrs	50%	2055	* *	5	\$100	
Raceway						
Conduit	70%	2029	\$23,200	1		
Conduit	30%	2055	* *	1		
Panelboards						
Molded Case Bkrs	70%	2028	\$11,100	5	\$100	
Molded Case Bkrs	30%	2051	* *	5	\$100	

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

#### Asset # : 13303

Electrical	Current Repair	Future Re	placement	Μ	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring						
Thermoplastic	50%	2029	\$14,700	1		
Thermoplastic	50%	2055	* *	1		
Fround						
Grounding Devices	1000/	LIFE	* *	5	¢100	
Generic	100%	LIFE	4.4.	5	\$100	
ighting Interior Lighting						
Interior Lighting Fluorescent	94%	2037	* *	10	\$6,500	
Thorescent	T-5 Lamps And Fixtures, Exter		$1 \cdot 100\%$	10	\$0,500	
	Location : Reading Areas, M					
Fluorescent	4%	2037	* *	10	\$300	
Thusiescent	T-8 Lamps And Fixtures, Exter		$1 \cdot 100\%$	10	\$500	
	Location : Offices	<i>ii</i> . <i>Light</i> , <i>iii cu iiijccice</i>	. 100/0			
Fluorescent	1%	2037	* *	10	\$100	
Thusiescent	Compact Fluorescent Light, E.		cted · 100%	10	\$100	
	Location : Mechanical Room	0 00	. 10070			
LED	1%	2037	* *			
LED	Other Observation, Extent : Li		0%			
	Location : Hallways	8.11, 11. 04 12, 900004 1 1 0				
	Explanation : LED Lights					
Egress Lighting	1 0					
Emergency, Battery	50%	2037	* *	10	\$900	
Exit, LED	50%	2064	* *	1		
larm						
Security System						
No Component	30%					
Generic	70%	2037	* *	1	\$2,000	
	Other Observation, Extent : Li			04 D . I		
	Location : Reading Areas, H		ront And Rear	• Of Build	ling	
	Explanation : CCTV Surveill	ance Cameras				
Fire/Smoke Detection	1009/	2027	* *	1.2	¢4.600	
Generic, Digital	100% Other Observation, Extent : Li	2037		1-3	\$4,600	
	Location : Throughout The E		070			
	Explanation : Strobe Lights,		Alarm Rells S	moke De	etectors And Horns	
	Explanation . SHOOC LIGHTS,	mannar i an Stanons, 1	narin Dens, D	mone De		
Mechanical	Current Repair	Future Re	placement	М	aintenance	
System	% of Fail Date Estimat	ted Cost Year Est	imated Cost	Cycle	<b>Estimated</b> Cost	Priorit
Component	Total (Years)	FY		(Ýrs)		

Heat	ing				
	Energy Source				
	Natural Gas	100%	2049	* *	1

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

#### Asset # : 13303

Mechanical	Current Repair	Futur	e Replacement	Μ		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
<b>Conversion Equipment</b>						
Furnace	100%	2034	* *	1	\$3,700	
	Other Observation, Extent : Light, Area	Affected	! : 100%			
	Location : Roof					
	Explanation : 1 Rooftop Package Uni	t				
Air Conditioning						
Energy Source						
Electricity	100%	2045	* *	1		
<b>Conversion Equipment</b>						
Ext Pkg Unit -	100%	2034	* *	2	\$500	
Heating/Cooling						
	Other Observation, Extent : Light, Area	Affected	1:100%			
	Location : Roof					
	Explanation : 1 Package Unit. R-410a	ı Refriger	rant			
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,200	
Exhaust Fans						
Roof	100%	2034	* *	2	\$200	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Gas Fired	100%	2024	\$4,500	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.

#### Page: 171

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: PENINSULA BRANCH LIBRARY		
Address	: 92-25 ROCKAWAY BEACH BLVD.		
Borough	: QUEENS	Agency's Number	: PRC
Program / Asset #	: QPL0P41.000 / 13304	Yr Built/Renovated	: 1972 / 1998
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 2021 - 2024	FY 2025 - 2030
Exterior Architecture	\$36,600	
Total	\$36,600	
Importance Code A	\$36,600	
Total	\$36,600	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture		\$3,300		\$700
Interior Architecture		\$12,900	\$9,300	
Electrical	\$200	\$700	\$200	\$200
Mechanical	\$4,100	\$2,400	\$5,200	\$2,700
Total	\$4,400	\$19,300	\$14,700	\$3,700
Importance Code A	\$600	\$4,000	\$600	\$1,400
Importance Code B	\$3,700	\$15,100	\$14,000	\$2,300
Importance Code C		\$200		
Total	\$4,400	\$19,300	\$14,700	\$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.

# QUEENS PUBLIC LIBRARY - 039 PENINSULA BRANCH LIBRARY

Asset # : 13304

			A55et # . 13	004				
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
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	
nterior								
Floors	050/			2020	¢250,100	2	¢27.000	
Carpet	95%			2029	\$250,100 * *	3	\$27,800	
Ceramic Tile	5%			2042	4. 4.	5	\$1,000	
Interior Walls	50/			2042	* *	5	¢400	
Ceramic Tile	5%			2042	* *	5	\$400 \$5,000	
Gypsum Board	95%			LIFE		5	\$3,000	
Ceilings AcousTileConcealSpLn	100%			2047	* *	5	\$24,400	
Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System	% of				Estimated Cost			Derigerite
<i>y</i> stem	×/0 OT	Fail Date	Estimated Cost	<b>y</b> ear	Estimated Cost	Uvcie		
Component Type	Total	(Years)		FY		(Yrs)	Estimated Cost	Friorit
Туре				FY		-	Estimated Cost	rriorių
Туре	Total	(Years)		FY		-	Estimated Cost	rriorii
Type Jnder 600 Volts Service Equipment Fused Disc Sw	<b>Total</b>	(Years)		2057	* *	-	\$100	rrioriu
Type Jnder 600 Volts Service Equipment Fused Disc Sw	Total 100% Other Obs	<b>(Years)</b>	xtent : Moderate, 2	2057	* *	(Yrs)		Friorit
Type Inder 600 Volts Service Equipment Fused Disc Sw	Total 100% Other Obs Location	(Years) Servation, E a : Electrica	xtent : Moderate, 2 il First Floor	2057 Area Affe	* * ected : 100%	(Yrs)		Friorit
Type Jnder 600 Volts Service Equipment Fused Disc Sw	Total 100% Other Obs Location	(Years) Servation, E a : Electrica	xtent : Moderate, 2	2057 Area Affe	* * ected : 100%	(Yrs)		Friorit
Type Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard	Total 100% Other Obs Location Explana	(Years) servation, E a : Electrica tion : One d	xtent : Moderate, 2 il First Floor	2057 Area Affe Disconn	* * ected : 100% ect Switch	(Yrs)	\$100	Friorit
Type Under 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs	Total 100% Other Obs Location	(Years) servation, E a : Electrica tion : One d	xtent : Moderate, 2 il First Floor	2057 Area Affe	* * ected : 100%	(Yrs)		Friorit
Type Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway	Total 100% Other Obs Locatior Explana 100%	(Years) servation, E : Electrica tion : One a	xtent : Moderate, 2 il First Floor	2057 Area Affe Disconn 2057	* * ected : 100% ect Switch * *	(Yrs) 5 5	\$100	
Type Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	Total 100% Other Obs Location Explana	(Years) servation, E : Electrica tion : One a	xtent : Moderate, 2 il First Floor	2057 Area Affe Disconn	* * ected : 100% ect Switch	(¥rs)	\$100	Friorit
Type Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards	Total 100% Other Obs Locatior Explana 100%	(Years) ervation, E i : Electrica tion : One &	xtent : Moderate, 2 il First Floor	2057 Area Affe Disconn 2057 2057	* * ected : 100% ect Switch * * * *	(Yrs) 5 5 1	\$100	
Type         Jnder 600 Volts         Service Equipment         Fused Disc Sw         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw	Total           100%           Other Obs           Location           Explana           100%           100%           5%	(Years) servation, E a : Electrica tion : One a	xtent : Moderate, 2 il First Floor	2057 Area Affe Disconn 2057 2057 2052	** ected : 100% ect Switch ** **	(Yrs) 5 5 1 5	\$100	
Type         Jnder 600 Volts         Service Equipment         Fused Disc Sw         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs	Total 100% Other Obs Locatior Explana 100%	(Years) servation, E a : Electrica tion : One a	xtent : Moderate, 2 il First Floor	2057 Area Affe Disconn 2057 2057	* * ected : 100% ect Switch * * * *	(Yrs) 5 5 1	\$100	rnorn
Type         Under 600 Volts         Service Equipment         Fused Disc Sw         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic	Total           100%           Other Obs           Location           Explana           100%           100%           5%	(Years) servation, E a : Electrica tion : One d	xtent : Moderate, 2 il First Floor	2057 Area Affe Disconn 2057 2057 2052	** ected : 100% ect Switch ** **	(Yrs) 5 5 1 5	\$100	
Type Jnder 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Wiring	Total           100%           Other Obs           Location           Explana           100%           100%           5%           95%	(Years) servation, E a : Electrica tion : One &	xtent : Moderate, 2 il First Floor	2057 Area Affe <u>Disconn</u> 2057 2057 2052 2052	* * ected : 100% ect Switch * * * * * *	(Yrs) 5 5 1 5 5	\$100	
Type         Jnder 600 Volts         Service Equipment         Fused Disc Sw         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted	Total           100%           Other Obs           Location           Explana           100%           100%           5%           95%           100%	(Years) servation, E a : Electrica tion : One &	xtent : Moderate, 2 il First Floor	2057 Area Affe Disconn 2057 2057 2052 2052 2052	** ected : 100% ect Switch ** ** ** **	(Yrs) 5 5 1 5 5 1	\$100 \$300 \$300	
Type         Under 600 Volts         Service Equipment         Fused Disc Sw         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted	Total           100%           Other Obs           Location           Explana           100%           100%           5%           95%           100%	(Years) servation, E a : Electrica tion : One &	xtent : Moderate, 2 il First Floor	2057 Area Affe Disconn 2057 2057 2052 2052 2052	** ected : 100% ect Switch ** ** ** **	(Yrs) 5 5 1 5 5 1	\$100 \$300 \$300	
Type         Under 600 Volts         Service Equipment         Fused Disc Sw         Switchgear / Switchboard         Molded Case Bkrs         Raceway         Conduit         Panelboards         Fused Disc Sw         Molded Case Bkrs         Wiring         Thermoplastic         Motor Controllers         Locally Mounted         Ground	Total           100%           Other Obs           Location           Explana           100%           100%           5%           95%           100%	(Years)	xtent : Moderate, 2 il First Floor	2057 Area Affe Disconn 2057 2057 2052 2052 2052	** ected : 100% ect Switch ** ** ** **	(Yrs) 5 5 1 5 5 1	\$100 \$300 \$300	Priority

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.

# QUEENS PUBLIC LIBRARY - 039 PENINSULA BRANCH LIBRARY

### Asset # : 13304

		ASSet # 113	•••				
Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ighting							
Interior Lighting							
Fluorescent	95%		2037	* *	10	\$11,400	
	Location	ervation, Extent : Light, Area : Throughout The Building tion : T-8 Lamps	Affected	! : 100%			
Fluorescent	5%		2037	* *	10	\$600	
	-	Fluorescent Light, Extent : Mo : Throughout Hte Building	oderate, 1	Area Affected : 100	0%		
Egress Lighting							
Emergency, Battery	50%		2037	* *	10	\$1,600	
Exit, Service	50%		2037	* *	1		
Exterior Lighting HID	1000/		2037	* *	10		
	100%		2037		10		
larm Security System							
No Component	80%						
Generic	20%		2037	* *	1	\$1,000	
Fire/Smoke Detection	2070		2007			\$1,000	
No Component	80%						
Generic, Digital	20%		2037	* *	1-3	\$1,600	
Mechanical		Current Repair	Futur	e Replacement	М	laintenance	
System Component	% of Total	Current Repair Fail Date Estimated Cost (Years)		e Replacement Estimated Cost		aintenance Estimated Cost	Priorit
System Component Type		Fail Date Estimated Cost	Year		Cycle		Priori
System Component Type leating		Fail Date Estimated Cost	Year		Cycle		Priori
System Component Type leating Energy Source		Fail Date Estimated Cost	Year		Cycle		Priori
System Component Type leating Energy Source Natural Gas	Total	Fail Date Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Priori
System Component Type leating Energy Source	Total	Fail Date Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment	<b>Total</b>	Fail Date Estimated Cost	Year FY 2047	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
System Component Type leating Energy Source Matural Gas Conversion Equipment Furnace	<b>Total</b>	Fail Date Estimated Cost	Year FY 2047	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Distribution	Total 100% 100%	Fail Date Estimated Cost	Year FY 2047 2037	Estimated Cost **	Cycle (Yrs)	Estimated Cost \$6,400 \$600	Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Total 100% 100% 90%	Fail Date Estimated Cost	Year FY 2047 2037 2052 2037	Estimated Cost ** ** **	Cycle (Yrs)	Estimated Cost \$6,400 \$600 \$7,300	Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Fan Coil Unit/Heat	Total 100% 100%	Fail Date Estimated Cost	Year FY 2047 2037 2052	Estimated Cost ** **	Cycle (Yrs)	Estimated Cost \$6,400 \$600	Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Fan Coil Unit/Heat	Total 100% 100% 90%	Fail Date Estimated Cost	Year FY 2047 2037 2052 2037	Estimated Cost ** ** **	Cycle (Yrs)	Estimated Cost \$6,400 \$600 \$7,300	Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Fan Coil Unit/Heat ir Conditioning Energy Source	Total 100% 100% 90% 10%	Fail Date Estimated Cost	Year FY 2047 2037 2052 2037 2032	Estimated Cost ** ** ** **	Cycle (Yrs) 1 1 4 1 1	Estimated Cost \$6,400 \$600 \$7,300	Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Fan Coil Unit/Heat ir Conditioning Energy Source Electricity	Total 100% 100% 90%	Fail Date Estimated Cost	Year FY 2047 2037 2052 2037	Estimated Cost ** ** **	Cycle (Yrs)	Estimated Cost \$6,400 \$600 \$7,300	Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Fan Coil Unit/Heat ir Conditioning Energy Source Electricity Conversion Equipment	Total 100% 100% 90% 10% 100%	Fail Date Estimated Cost	Year FY 2047 2037 2052 2037 2032 2043	Estimated Cost ** ** ** ** **	Cycle (Yrs) 1 1 4 1 1 1	Estimated Cost \$6,400 \$600 \$7,300 \$400	Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Fan Coil Unit/Heat ir Conditioning Energy Source Electricity Conversion Equipment Int Pkg Unit -	Total 100% 100% 90% 10%	Fail Date Estimated Cost	Year FY 2047 2037 2052 2037 2032	Estimated Cost ** ** ** **	Cycle (Yrs) 1 1 4 1 1	Estimated Cost \$6,400 \$600 \$7,300	Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Fan Coil Unit/Heat ir Conditioning Energy Source Electricity Conversion Equipment	Total           100%           100%           100%           90%           100%           100%	Fail Date Estimated Cost (Years)	Year FY 2047 2037 2052 2037 2032 2043 2043	Estimated Cost ** ** ** ** **	Cycle (Yrs) 1 1 4 1 1 1	Estimated Cost \$6,400 \$600 \$7,300 \$400	Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Fan Coil Unit/Heat ir Conditioning Energy Source Electricity Conversion Equipment Int Pkg Unit -	Total 100% 100% 90% 10% 100% 100% Recent Ins	Fail Date       Estimated Cost         (Years)       (Years)	Year FY 2047 2037 2052 2037 2032 2043 2043 2032 Affected	Estimated Cost ** ** ** ** **	Cycle (Yrs) 1 1 4 1 1 1	Estimated Cost \$6,400 \$600 \$7,300 \$400	Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Fan Coil Unit/Heat Air Conditioning Energy Source Electricity Conversion Equipment Int Pkg Unit - Heating/Cooling	Total 100% 100% 90% 10% 100% 100% Recent Ins	Fail Date Estimated Cost (Years)	Year FY 2047 2037 2052 2037 2032 2043 2043 2032 Affected	Estimated Cost ** ** ** ** **	Cycle (Yrs) 1 1 4 1 1 1	Estimated Cost \$6,400 \$600 \$7,300 \$400	Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Fan Coil Unit/Heat ir Conditioning Energy Source Electricity Conversion Equipment Int Pkg Unit - Heating/Cooling Terminal Devices	Total           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%	Fail Date       Estimated Cost         (Years)       (Years)	Year FY 2047 2037 2052 2037 2032 2043 2043 2032 <i>Affected</i> oof	Estimated Cost ** ** ** ** **	Cycle (Yrs) 1 1 4 1 1 1	Estimated Cost \$6,400 \$600 \$7,300 \$400 \$800	Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment Furnace Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Fan Coil Unit/Heat Air Conditioning Energy Source Electricity Conversion Equipment Int Pkg Unit - Heating/Cooling	Total 100% 100% 90% 10% 100% 100% Recent Ins	Fail Date       Estimated Cost         (Years)       (Years)	Year FY 2047 2037 2052 2037 2032 2043 2043 2032 Affected	Estimated Cost ** ** ** ** ** ** ** ** ** ** ** ** **	Cycle (Yrs) 1 1 4 1 1 1 2	Estimated Cost \$6,400 \$600 \$7,300 \$400	Priori

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

# QUEENS PUBLIC LIBRARY - 039 PENINSULA BRANCH LIBRARY

#### Asset # : 13304

Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	\$7,900	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

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

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### **QUEENS PUBLIC LIBRARY - FY 2020** Print Date: 12-Sep-2019

Asset Name	: POPPENHUSEN BRANCH LIBRARY								
Address	: 121-23 14TH AVENUE								
Borough	: QUEENS	Agency's Number	: P						
Program / Asset #	: QPL0P43.000 / 13305	Yr Built/Renovated	: 1904 / 2003						
Area Sq Ft	: 7,800	Project Type	: QUEENS PUBLIC LIBRARY						
Date of Survey	: 10-Sep-2018	Landmark Status	<b>EXTERIOR LANDMARK</b>						
Areas Surveyed	: Basement, Floors 1								
Block	: 4042 Lot : 113	BIN	: 4097863						

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture		\$37,400
Mechanical		\$426,500
Total		\$463,800
Importance Code A		\$37,400
Importance Code B		\$426,500
Total		\$463,800

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$36,300			\$4,200
Interior Architecture	\$33,100	\$1,100	\$4,700	\$1,200
Electrical	\$900	\$600	\$800	\$600
Mechanical	\$7,300	\$1,300	\$3,000	\$1,300
Site Enclosure	\$2,000			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$83,400	\$7,000	\$12,400	\$11,300
Importance Code A	\$39,000	\$800	\$800	\$4,900
Importance Code B	\$23,900	\$6,200	\$11,100	\$6,400
Importance Code C	\$20,500		\$600	
Total	\$83,400	\$7,000	\$12,400	\$11,300



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

#### Asset # : 13305

Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick			\$22,400 d, Extent : Moderat d Rear Elevations	LIFE te, Area A	* * Affected : 5%	5	\$12,900	
Masonry: Limestone		4+ etration, E : 1st Floor	\$6,400 xtent : Moderate, 2 · Window	LIFE Area Affe	* * ected : 2%	5	\$1,700	
Windows	1000/			• • • • •	ate ate	_		
Aluminum	100%			2046	* *	5	\$1,700	
Parapets	15%			2065	* *	5	¢2 400	
Copper/Terne Masonry: Brick	35%			2065 LIFE	* *	5 5-10	\$2,400 \$7,800	
No Component	50%			LIFE		3-10	\$7,800	
Roof	5070							
Copper/Terne	75%			2045	* *	10	\$37,400	
Roll Roofing	25%			2029	\$23,700	5	\$8,300	
nterior					+,	-	+ • ,- • •	
Floors								
Carpet	70%			2029	\$120,000	3	\$12,300	
Cast in Place Concrete	5%			LIFE	* *	5	\$2,600	
Ceramic Tile	20%			2039	* *	5	\$2,300	
Vinyl Tile	5%			2025	\$5,700	3	\$300	
Interior Walls						_		
Ceramic Tile	5%			2043	* *	5	\$1,200	
Gypsum Board	50%			LIFE	* *	5-10	\$19,800	
Plaster	45%			LIFE	* *	5-10	\$8,900	
Ceilings	15%			2047	* *	5	\$2,200	
AcousTileConcealSpLn Exposed Struc: Wood	13% 5%			LIFE	* *	10	\$2,200	
Gypsum Board	15%			LIFE	* *	5-10	\$6,100	
Plaster	65%			LIFE	* *	5-10	\$13,200	
ite Enclosure	0070			LIIL		5 10	\$15,200	
Fence/Gates								
Iron Picket	100%	4+	\$2,000	2050	* *			
		/Rusting, E : Through	xtent : Moderate, 2	Area Affe	ected : 50%			
	Impact Da	mage, Exte	ent : Moderate, Are Thinge And Bent S		ed : 2%			
Retaining Walls		· JJ	0					
Cast in Place Concrete	90%			2065	* *			
Masonry: Fieldstone	10%			2050	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			

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

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

Asset # : 13305

		Asset # : 1	3305				
Architecture		Current Repair	Futu	re Replacement	N	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
te Pavements							
On-Site Walkways							
Cast in Place Concrete	85%		2035	* *			
Masonry: Granite	10%		LIFE	* *			
Pavers/Stone	5%		2033	* *			
Electrical		Current Repair	Futu	re Replacement	N	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2050	* *	5		
		ervation, Extent : Light, Are	a Affected	d : 100%			
		: Electrical Room	<i>a</i>	<b>D</b>			
<u></u>	Explana	tion : Main Service Disconne	ect Switch	Rated At 600 Amp	peres.		
Switchgear / Switchboard	1000/		2050	* *	~	<b>#200</b>	
Molded Case Bkrs	100%		2050	~ ~	5	\$200	
Raceway Conduit	100%		2050	* *	1		
Panelboards	100%		2030		1		
Fused Disc Sw	5%		2046	* *	5		
Molded Case Bkrs	95%		2040	* *	5	\$200	
Wiring	7570		2040		5	φ200	
Thermoplastic	100%		2050	* *	1		
Motor Controllers	10070		2000		1		
Locally Mounted	100%		2043	* *	5	\$100	
bround	10070		2015		5	\$100	
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
ighting	10070		2112			¢200	
Interior Lighting							
Fluorescent	50%		2035	* *	10	\$3,600	
		s And Fixtures, Extent : Ligh : Basement	t, Area A <u>f</u>	fected : 100%			
Fluorescent	50%		2035	* *	10	\$3,600	
	Compact I	Fluorescent Light, Extent : L : : 1st Floor		Affected : 100%	10	\$2,000	
Egress Lighting							
Emergency, Battery	50%		2035	* *	10	\$900	
Exit, LED	50%		2058	* *	1		
Exterior Lighting							
Fluorescent		Fluorescent Light, Extent : L : Outside Perimeter	2035 ight, Area	* * Affected : 100%	10	\$200	
No Component	70%						
No Component	/0%						

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.

### Asset # : 13305

	A3561 # . I	3305				
Electrical	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Alarm						
Security System						
No Component	30%					
Generic	70%	2038	* *	1	\$2,000	
	Other Observation, Extent : Light, Are	ea Affected : 10	0%			
	Location : Reading Areas And Outsi	de Perimeter				
	Explanation : CCTV Surveillance Co	ameras				
Fire/Smoke Detection						
Generic, Digital	100%	2035	* *	1-3	\$4,800	
	Other Observation, Extent : Light, Are		00%			
	Location : Throughout The Building					
	Explanation : Strobe Lights, Manual	l Pull Station, A	llarm Bells, Si	noke Det	ectors And Horns	
Mechanical	Current Repair	Future Re	placement	М	aintenance	
System	% of Fail Date Estimated Cos	t Year Est	imated Cost	Cycle	<b>Estimated</b> Cost	Priorit
Component	Total (Years)	FY EST		(Yrs)	2000	1110110
Туре				( )		
Ieating						
Energy Source	1000/	2040	ata ata			
Natural Gas	100%	2040	* *	1		
Conversion Equipment	1000/ 11 00 700	2025	* *	1	¢< 000	
Steam Boiler	100% Now \$2,700 Not in Service, Extent : Severe, Area A			1	\$6,900	
	Location : Boiler Room	<i>ijjecieu</i> . 10070	)			
	Other Observation, Extent : Light, Are	na Affactad · 10	00%			
	Location : Basement Boiler Room	ей Ајјестей . 10	070			
	Explanation : 1 Unit					
Distribution						
Steam Piping/Pump	100%	2040	* *			
Terminal Devices	10070	2010				
Convector/Radiator	60%	2035	* *	1	\$1,500	
Fan Coil Unit/Heat	40%	2030	\$50,300	1	\$1,000	
Air Conditioning	· • · -		<i></i>	-	\$1,000	
Energy Source						
Electricity	100%	2038	* *	1		
Conversion Equipment						
Split Unit	100%	2030	\$179,400			
-	Other Observation, Extent : Light, Are	ea Affected : 10				
	Location : Roof					
	Explanation : 6 Units. Refrigerant R	-410a				
Terminal Devices						
Fan Coil - 4 Pipe	100%	2030	\$196,800	1	\$2,500	
Heat Rejection						
Dry Cooler	100%	2035	* *	2	\$5,400	
DIJ CCCICI	10070					
entilation						
/entilation Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$6,900	

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

#### Asset # : 13305

lechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type		Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
entilation							
Exhaust Fans							
Interior	100%		2030	\$29,900	2	\$200	
lumbing							
H/C Water Piping							
Brass/Copper	100%		2040	* *	1		
Water Heater							
Gas Fired	100%		2025	\$5,100	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%	0-2 \$300	2025	\$300	4	\$200	
	On Extende	d Life, Extent : Moderate,	Area Affec	ted : 100%			
	Location :	Boiler Room					
Sewage Ejector(s)							
Electric	100%	0-2 \$100	2030	\$2,400	4	\$300	
	Other Obse	rvation, Extent : Moderate	e, Area Affe	ected : 10%			
	Location :	Boiler Room					
	Explanation	on : Auto Start Not Workin	ng				
Fixtures							
Generic	100%						
ertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
	Other Obse	rvation, Extent : Light, Ar	ea Affected	1:100%			
	Location :	Basement To 1st Floor					
	Explanati	on : 1 Unit					

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

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed	<ul> <li>89-11 MEI</li> <li>QUEENS</li> <li>QPL0001.0</li> <li>239,750</li> <li>12-Apr-20</li> </ul>		Agency's Number Yr Built/Renovated Project Type Landmark Status	: N/A : 1966 / 2012 : QUEENS PUBLIC L : NONE	IBRARY
Block	: 9798	Lot : 6	BIN	: 4209635	
CAPITAL			FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture		\$2,022,700		\$1,545,200
Interior Architect	ture		\$903,800		\$1,256,900
Electrical			\$742,200		\$1,521,400
Mechanical			\$6,486,400		\$709,700
Total			\$10,155,000		\$5,033,200
Importance Code	А		\$2,022,700		\$1,545,200
Importance Code	В		\$7,993,000		\$3,119,800
Importance Code	С		\$139,300		\$368,200
Total			\$10,155,000		\$5,033,200
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$26,000		
Interior Architect	ture	\$361,800			\$63,900
Electrical		\$20,300	\$39,000	\$22,400	\$20,600

Total	\$536,700	\$164,400	\$192,700	\$175,800
Importance Code C	\$35,400			
Importance Code B	\$489,400	\$126,600	\$180,300	\$164,000
Importance Code A	\$11,900	\$37,800	\$12,400	\$11,900
Total	\$536,700	\$164,400	\$192,700	\$175,800
Elevators/Escalators	\$15,800	\$15,800	\$15,800	\$15,800
Mechanical	\$138,800	\$83,700	\$154,500	\$75,500
Electrical	\$20,300	\$39,000	\$22,400	\$20,600



Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
#### Asset # : 1867

Architecture		Current Repai	r	Futur	e Replaceme	nt	М	aintenance	
System Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated C	ost	Cycle (Yrs)	Estimated Cost	Priority
xterior									
Exterior Walls	200/		¢10 <b>5</b> 400				-	<b>*2</b> 0,400	
Masonry: Brick	Horizontal Location	Now ! Cracks, Extent : Penthouse d/Bulging, Exten		00	cted : 10%	* *	5	\$29,400	
		: Penthouse	a . Mouerule,	Areu Ajj	ecieu. J70				
		etration, Extent	• Moderate	Area Affe	cted · 10%				
		: Second Floor		00					
Granite Panels	5%			LIFE		* *	5	\$3,700	
Panel/Paver: Limestone	50%	2-4	\$282,700	LIFE		* *	5	\$36,700	
Tanel/Taver. Ennestone		· Miss/Erod, Ext			ted · 10%		5	\$50,700	
		: Front Entrance	-	eu nyjee	104 . 1070				
Pre-Cast Concrete	10%			LIFE		* *	5	\$31,800	
Window Wall	5%			2047		* *	5	\$18,300	
Windows									
Aluminum	25%	Now	\$93,100	2035		* *	5	\$3,500	
		Deteriorated, Ex : Throughout	tent : Moderc	ite, Area	Affected : 5%				
		etration, Extent : Throughout	: Moderate, 2	Area Affe	cted : 5%				
Aluminum	75%			2035		* *	5	\$21,000	
Parapets								· · · ·	
Masonry: Brick	30%	Now	\$41,500	LIFE		* *	5	\$6,800	
	Misaligned	d/Bulging, Exten	t : Moderate,	Area Aff	fected : 25%				
	Location	: Throughout							
	Worn/Erod	ded, Extent : Mo	derate, Area	Affected	: 15%				
	Location	: Throughout							
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	

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

#### Asset # : 1867

Architecture	Current Repair	1	Future	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior Roof							
Built-Up (BUR)	25% Now Miss/Damaged Flashings, I Location : Over I T S Are Water Penetration, Extent : Location : Over I T S Are Addition	a, 1980 Addit Moderate, A	ion rea Affec	cted : 10%	Corrido	rs Of 1980	
Modified Bitumen Modified Bitumen	40%			\$1,410,200 * *	10	\$98,200	1
Skylight, Metal/Glass	Water Penetration, Extent : Location : Throughout 5% Now Deformed/Dented, Extent : Location : Throughout	\$96,000	2047	* *			
nterior Floors							
Carpet	35% Now Punct/Tear/Impact Damage Location : Throughout Worn/Eroded, Extent : Moo Location : Throughout				3	\$178,900	
Cast in Place Concrete Ceramic Tile	10% 5% 0-2 Cracking/Crumbling, Exten Location : Throughout	\$139,800 nt : Light, Area	LIFE 2030 a Affecte	* * \$349,400 d : 10%	5 5	\$74,600 \$8,500	
					~	Φ <b>7</b> ( <b>7</b> 00	
Sheet Vinyl/Rubber Terrazzo	15% 25% Recent Installation, Extent Location : Throughout	: Light, Area	2032 LIFE Affected	* * * * : 100%	5 5	\$76,700 \$66,600	

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

#### Asset # : 1867

Architecture		Current I	Repair	Futur	e Replacement	Μ	laintenance	
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	\$139,300	2030	\$278,500	5	\$4,800	
	0	Crumbling, : Through	Extent : Moderate out	, Area Aj	ffected : 75%			
Concrete Masonry Unit	10%			LIFE	* *	5	\$7,600	
Glass: Single Pane	5%	Now	\$15,200	LIFE	* *	5	\$7,200	
		Crumbling, : Through	Extent : Light, Are out	ea Affecto	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	\$20,200	LIFE	* *	5	\$14,300	
		Crumbling, : Stairwel	Extent : Moderate l 5	, Area Aj	ffected : 5%			
SGFT/Glazed Masonry	5%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$38,200	
Ceilings								
AcousTileConcealSpLn	15%	4+	\$437,700	2047	* *	5	\$32,000	
	0	0	Extent : Moderate	, Area A	ffected : 25%			
			And C2 Floors					
			: Moderate, Area	Affected	: 25%			
	Location	: First C A	And C2 Floors					
AcousTileSusp.Lay-In	20%	0-2	\$58,400	2040	* *	5	\$34,100	
	Staining/D	iscoloring	Extent : Moderate	, Area A	ffected : 5%			
	Location	: Payroll	Room, Security Off	ice, Corr	ridors			
	Water Pen	etration, E	xtent : Moderate, A	lrea Affe	cted : 10%			
	Location	: Payroll	Room, Its And Corr	idors Of	1980 Addition, Co	ıfeteria		
Exposed Concrete	5%			LIFE	* *	5	\$2,700	
Exposed Struc: Steel	5%			LIFE	* *		-	
Metal Panel	5%	Now	\$90,400	LIFE	* *	5	\$21,300	
	Deformed/	Dented, E	ctent : Moderate, A	rea Affec	cted : 40%			
		: Through						
Plaster	10%			LIFE	* *	5	\$21,300	
Plaster	15%			LIFE	* *	5	\$32,000	
Under Construction	25%						. ,	

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							
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	\$41,400	5	\$1,300	

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

Asset # : 1867

Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated ( (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts							
Raceway							
Conduit	40%		2027	\$95,300	1		
Conduit	60%		2057	* *	1		
Panelboards							
Fused Disc Sw	5%		2049	* *	5	\$300	
Fused Disc Sw	5%		2026	\$7,100	5	\$300	
Molded Case Bkrs	40%		2026	\$56,900	5	\$2,500	
Molded Case Bkrs	50%		2049	* *	5	\$3,200	
Wiring							
Braided Cloth	30%	2-4 \$71,7		* *	1		
		Aged, Extent : Moderate	e, Area Affecte	d : 100%			
	Location	: Basement					
Thermoplastic	40%		2027	\$95,600	1		
Thermoplastic	30%		2053	* *	1		
Motor Controllers							
Locally Mounted	20%		2025	\$127,900	5	\$300	
Motor Control Center	70%		2025	\$110,200	5	\$4,600	
Variable Frequency	10%		2044	* *			
Drive							
round							
Grounding Devices							
Generic	50%		LIFE	* *	5	\$1,800	
Generic	50%		LIFE	* *	5	\$1,800	
tand-by Power							
Transfer Switches							
Automatic	100%		2047	* *	1	\$73,800	
Generators							
Diesel	100%		2042	* *	1	\$92,800	
		ervation, Extent : Moder		cted : 100%			
	Location	: Generator Room Base	ment				
	Explanat	ion : One 1250 Kilowatt	S				
Batteries							
Lead/Acid	100%		2022	\$1,600	5	\$8,900	
Fuel Storage							
Day Tank	50%		2052	* *	5	\$22,200	
	Other Obs	ervation, Extent : Moder	ate, Area Affe	cted : 100%			
	Location	: Generator Room Base	ment				
	Explanat	ion : One 275 Gallons					
Main Tank	50%		2067	* *	5	\$3,500	
		ervation, Extent : Moder		cted : 100%			
		: Basement					
	Fridana	ion : One 6000 Gallons					

Lighting

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

#### Asset # : 1867

% of Fail Date Estimated Cos Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
	2027	\$761,800	10	\$66,000	
Other Observation, Extent : Light, An Location : Throughout The Building Explanation : T-12 Lamps		: 100%			
	2035	* *	10	\$33,000	
		: 100%		,	
40%	2037	* *	10	\$88,000	
Other Observation, Extent : Light, Ar Location : Throughout Explanation : T-8 Lamps	ea Affected	': 100%			
15%	2035	* *	10	\$33,000	
		Area Affected : 100	)%		
40%	2037	* *	1		
		\$12,500	1		
		\$17,100	10	\$2,900	
30%		* *	1		
15%	2027	\$5,400	1		
		\$670,500	10		
30%	2035	* *	10	\$200	
		at at		<b>\$</b> 2,222	
10%	2035	* *	1	\$9,000	
000/					
	2025	بك بك ا	1.0	¢14.000	
10%	2035	<u>ት</u> ች	1-3	\$14,800	
Current Repair	Futur	e Replacement	М	aintenance	
% of Fail Date Estimated Cos Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
	Explanation : T-12 Lamps         15%         Other Observation, Extent : Light, An         Location : Throughout         Explanation : T-5 Lamps         40%         Other Observation, Extent : Light, An         Location : Throughout         Explanation : T-8 Lamps         15%         Compact Fluorescent Light, Extent :         Location : Throughout The Building         40%         10%         5%         30%         15%         70%         30%         90%         10%         90%         10%         90%         10%         Soft         Gurrent Repair         % of Fail Date Estimated Cost         Total (Years)	Explanation : T-12 Lamps15%2035Other Observation, Extent : Light, Area Affected Location : Throughout Explanation : T-5 Lamps40%2037Other Observation, Extent : Light, Area Affected Location : Throughout Explanation : T-8 Lamps15%2035Compact Fluorescent Light, Extent : Moderate, A Location : Throughout The Building40%203710%20275%202730%206215%202730%206215%202730%206215%202730%203590%203590%10%203590%203590%203590%203590%203590%2035	Explanation : T-12 Lamps15%2035**Other Observation, Extent : Light, Area Affected : 100% Location : Throughout Explanation : T-5 Lamps2037**40%2037**Other Observation, Extent : Light, Area Affected : 100% Location : Throughout Explanation : T-8 Lamps2035**15%2035**Compact Fluorescent Light, Extent : Moderate, Area Affected : 100 Location : Throughout The Building2037**40%2037**10%2027\$12,5005%2027\$17,10030%2062**15%2027\$5,40070%2022\$670,50030%2035**90% 10%2035**90% 10%2035**90% 10%2035**Year Estimated Cost FYYear Estimated Cost FY	Explanation : T-12 Lamps           15%         2035         **         10           Other Observation, Extent : Light, Area Affected : 100%           Location : Throughout         Explanation : T-5 Lamps           40%         2037         **         10           Other Observation, Extent : Light, Area Affected : 100%         Location : Throughout         Explanation : T-8 Lamps           15%         2035         **         10           Other Observation, Extent : Light, Area Affected : 100%         Location : Throughout         Explanation : T-8 Lamps           15%         2035         **         10           Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%         Location : Throughout The Building           40%         2037         **         1           10%         2027         \$12,500         1           5%         2027         \$17,100         10           30%         2027         \$5,400         1           70%         2025         **         1           90%         2035         **         1           90%         2035         **         1           90%         2035         **         1           90%         <	Explanation : T-12 Lamps           15%         2035         **         10         \$33,000           Other Observation, Extent : Light, Area Affected : 100% Location : Throughout         Explanation : T-5 Lamps         10         \$88,000           Other Observation, Extent : Light, Area Affected : 100% Location : Throughout         2037         **         10         \$88,000           Other Observation, Extent : Light, Area Affected : 100% Location : Throughout         2035         **         10         \$88,000           Other Observation, Extent : Light, Area Affected : 100% Location : Throughout         Explanation : T-8 Lamps         10         \$33,000           15%         2037         **         1         \$33,000           Compact Fluorescent Light, Extent : Moderate, Area Affected : 100% Location : Throughout The Building         \$2027         \$12,500         1           40%         2037         **         1         \$2,900           30%         2027         \$5,400         1           70%         2022         \$670,500         10         \$200           90%         2035         **         1         \$9,000           90%         2035         **         1         \$9,000           90%         2035         **         1.3         \$14,800<

Interruptible Gas/Dual 100% 2037 \*\* 1

Fuel

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

Maintenance \$ are aggregated over a 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

lechanical	Current Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
eating						
Conversion Equipment						
Furnace	5%	2032	* *	1	\$5,900	
Hot Water Boiler	Other Observation, Extent : Light, A Location : Roof Explanation : 1 Roof Mounted Unit 95% Other Observation, Extent : Light, A Location : Penthouse Explanation : 2 Units	<i>it</i> 2040	* *	1	\$112,600	
Distribution						
Hot Wtr Piping/Pump	95%	2035	* *	4	\$11,200	
No Component	5%				. ,	
Terminal Devices						
Air Handler	70%	2022	\$2,338,200	1	\$103,800	
Convector/Radiator	20%	2032	**	1	\$15,500	
Unit Heater - Steam	5%	2022	\$42,500	4	\$1,600	
No Component	5%		+,		+-,	
ir Conditioning	• • •					
Energy Source						
Electricity	10%	2035	* *	1		
Steam/HW System	90%	2037	* *	1		
Conversion Equipment				_		
Absorption Chiller/Steam/HW	90%	2036	* *	1	\$233,500	
	R-134a Refrigerant, Extent : Light, . Location : Penthouse Other Observation, Extent : Light, A Location : Penthouse Explanation : 2 Units					
Ext Pkg Unit -	10%	2027	\$297,400	2	\$1,500	
Heating/Cooling	R-22 Refrigerant, Extent : Light, Ard Location : Roof	ea Affected :	10%			
Distribution CW & CHW Wtr Pipe/Pump	90%	2037	* *	4	\$16,000	
No Component	10%					
Terminal Devices						
Air Handler/Cool/Ht	90%	2022	\$2,397,800	1	\$133,400	
No Component	10%					
Heat Rejection						
Dry Cooler	10%	2027	\$129,200	2	\$16,700	
Water Cooling Tower	90%	2021	\$811,300	2	\$217,200	
				-		
entilation						
entilation Distribution						

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

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

#### Asset # : 1867

		A336(#.10		e Replacement			
Mechanical	Current R	Current Repair			Μ	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ventilation							
Exhaust Fans	000/					<b>.</b>	
Interior	90%		2022	\$760,600	2	\$6,600	
Roof	10%		2027	\$39,400	2	\$700	
Plumbing							
H/C Water Piping	1000/		2027	* *	1		
Brass/Copper	100%		2037		1		
HW Heat Exchanger Steam Fired	100% Now	\$7,600	2037	* *	4	\$23,700	
Steam Flied	Leak Evident, Extent :				4	\$25,700	
	Location : At The Va		<i>ijjecieu</i> .	570			
Sanitary Piping		,					
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Non-Submersible	100%		2022	\$36,200	4	\$7,600	
Sewage Ejector(s)							
Electric	100%		2022	\$68,400	4	\$14,300	
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Geared Traction	50%		LIFE	* *			
	Other Observation, Ex	-	Affected	: 50%			
	Location : C1, C, C2						
	Explanation : Two U	nits					
Hydraulic	50%		LIFE	* *			
	Other Observation, Ex	-	Affected	: 50%			
	Location : C1, 2 And						
	Explanation : 2 Units	S					
Fire Suppression							
Standpipe Generic	100%		2047	* *	1-5	\$120,900	
Sprinkler	10070		2047	-	1-3	\$120,900	
Generic	100%		2037	* *	1-2	\$67,200	
Fire Pump	10070		2037		1-2	\$07,200	
Generic	100%		2030	\$152,900	1	\$44,800	
Chemical System	10070		2030	ψ1 <i>52</i> ,700	1	φττ,000	
Generic	100%		2025	\$27,600	1-3	\$3,700	
Generie	10070		2023	φ27,000	1.5	ψ5,700	

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.

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	-		BRANCH LII	BRARY		
Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	<ul> <li>94-11 2177</li> <li>QUEENS</li> <li>QPL0Q44</li> <li>12,980</li> <li>14-Apr-20</li> <li>Basement.</li> <li>10621</li> </ul>	1.000 / 13306 116		Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: Q : 1954 / 2004 : QUEENS PUBLIC I : NONE : 4226761	LIBRARY
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Exterior Architec	ture			\$54,600		\$272,800
Interior Architect	ure			\$41,600		\$647,400
Electrical				\$189,300		
Mechanical						\$104,100
Total				\$285,500		\$1,024,300
Importance Code	А			\$54,600		\$272,800
Importance Code	В			\$230,900		\$121,600
Importance Code	С					\$629,900
Total				\$285,500		\$1,024,300
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$10,200			
Interior Architect	ure		\$27,700	\$5,300	\$133,100	\$5,100
Electrical			\$14,800	\$13,800		
Mechanical			\$3,100	\$1,800	\$3,800	\$1,900
Total			\$55,800	\$20,900	\$136,900	\$7,000
Importance Code	A		\$11,500	\$1,400	\$1,300	\$1,300
Importance Code	В		\$43,600	\$19,500	\$134,200	\$5,700
Importance Code	C		\$700		\$1,500	
Total			\$55,800	\$20,900	\$136,900	\$7,000



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

#### Asset # : 13306

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
exterior								
Exterior Walls								
Cast in Place Concrete		Now	\$1,000	LIFE	* *	5	\$4,300	
	-	-	Extent : Moderate	-	•			
	Location	: Basemen	t Door At Steps To	) Drivewo	ıy			
Masonry: Brick	85%			LIFE	* *	5	\$10,300	
Masonry: Limestone	5%			LIFE	* *	5	\$500	
Granite Panels	3%			LIFE	* *	5	\$300	
Windows								
Aluminum	98%	Now	\$9,200	2035	* *	5	\$2,100	
	Ctrwt/Bali	nc Not Fun	ct, Extent : Light, A	Area Affe	cted : 10%			
	Location	: Through	out					
Metal Louvers	2%			2036	* *	10	\$500	
Parapets								
Concrete Masonry Unit	40%			LIFE	* *	5	\$1,500	
Masonry: Brick	50%			LIFE	* *	5	\$1,700	
Masonry: Limestone	10%			LIFE	* *	5	\$400	
Roof								
Modified Bitumen	100%	Now	\$54,600	2027	\$272,800			
	Miss/Dam	aged Flash	ings, Extent : Mod					
		: At South			55			
			xtent : Moderate, 2	Area Affe	cted : 10%			
			t Area, Childrens					
nterior				0				
Floors								
Carpet	50%	Now	\$26,200	2023	\$131,200	3	\$14,600	
1			Extent : Moderate	e, Area A			÷ )	
	-	: First Flo		·				
	Wrinkling,	Extent : M	oderate, Area Affe	ected : 10	9%			
		: First Flo						
Ceramic Tile	5%			2036	* *	5	\$1,000	
Quarry Tile	15%			2030	* *	5	\$4,400	
Vinyl Tile	20%			2040	* *	3	\$1,500	
Vinyl Tile	10%			2032	\$17,500	3	\$1,000	
Interior Walls	1070			2027	\$17,500	5	\$1,000	
Ceramic Tile	5%			2036	* *	5	\$1,500	
Concrete Masonry Unit				LIFE	* *	5	\$600	
Fabric on Framing	20%			2028	\$629,900	5	\$000 \$2,900	
•	20% 5%				\$629,900 * *	5		
Glass: Single Pane				LIFE	* *	5 5	\$1,100 \$7,000	
Gypsum Board Marble Panels	45%			LIFE	* *	3	\$7,900	
	5%			LIFE	* *	5	ቀስስሳ	
Plaster	10%			LIFE	* *	5	\$900	
SGFT/Glazed Masonry	5%			LIFE				

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

### Asset # : 13306

Architecture		Current F	ASSEL#.I.		e Replacement	M	aintenance	
System	0/ 6				-			<b>D</b>
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings	55%			2032	* *	5	¢10.700	
AcousTileSusp.Lay-In	Staining/L Location Water Pen Location	Discoloring, 2 : Various 2 : Children	Extent : Light, Ar Locations On First xtent : Moderate, 2 s Reading Room, 0	ea Affect t Floor Area Affe	ed : 5% cted : 10%	5	\$10,700	
AcousTileSusp.Lay-In	Location Worn/Ero	Crumbling, 1 : Basemen	: Moderate, Area			5	\$2,400	
Exposed Concrete	5%			LIFE	* *	5	\$200	
Plaster	15%			LIFE	* *	5	\$1,800	
Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System	% of		Estimated Cost		Estimated Cost	Cvcle	Estimated Cost	Priorit
Component Type	Total	(Years)	250000000000000000000000000000000000000	FY	250000000000	(Yrs)	255511111111111111111111111111111111111	
Service Equipment Fused Disc Sw Molded Case Bkrs	Location Explana 50%	ervation, E : Electrica tion : One 2	xtent : Moderate, . 11 Room 200 Ampere Main 1 xtent : Moderate, .	Disconne 2027	ect Switch \$800	5	\$200	
	Location	: Electrica						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$34,200	5	\$300	
Raceway	100%			2027	\$33,200	1		
Conduit Panelboards	10070			2027	\$55,200	I		
Fused Disc Sw	5%			2026	\$800	5		
Molded Case Bkrs	95%			2026	\$15,000	5	\$300	
Wiring Braided Cloth	50%		\$14,700	2052 2052 a Affecte	* * ed : 100%	1		
Braided Cloui	Insulation Location	0		a nyjeere				
	Location	: Basemen		00	\$14 700	1		
Thermoplastic		: Basemen		2027	\$14,700	1		
	Location	: Basemen		00	\$14,700 \$32,000	1	\$100	
Thermoplastic Motor Controllers	Location 50%	e : Basemen		2027			\$100	

Lighting

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

#### Asset # : 13306

		A5561#.13					
			Futur	e Replacement	Μ		
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Other Obs Location	servation, E 1 : Through	out The Building	2022 Affected	\$137,500 1 : 100%	10	\$11,900	
Explana	tion : T-12	Lamps					
			2032 2032	* *	10 1	\$1,600	
100%			2022	\$51,900	10		
	Current I	Repair	Futur	e Replacement	Μ	aintenance	
% of Total			Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
•			•				-
100%			2047	* *	1		
Other Obs Location	servation, E 1 : Boiler R	oom	2040 Affected	* * ! : 100%	1	\$12,900	
^			2037	* *	4	\$1,000	
100%			2040	* *	1	\$4,200	
100%			2043	* *	1		
60%			2027	\$62,500	2	\$500	
40%			2027	\$41,700	2	\$300	
			2027	\$10,400	2	\$3,600	
60%							
100%			LIFF	* *	2-5	\$7 200	
100%			2027	\$21,400	2-3	\$400	
	Total           100%           Other Obs           Location           Explana           50%           100%           100%           100%           100%           0/00%           100%	% of Total         Fail Date (Years)           100%         0ther Observation, E Location : Through Explanation : T-12           50%         50%           100%         0           40%         0           60%         0           40%         0           100%         0	Total (Years)           100%           Other Observation, Extent : Light, Area Location : Throughout The Building Explanation : T-12 Lamps           50%           50%           100%           100%           0           100%           100%           00%           100%           00%           100%           00%           100%           100%           00her Observation, Extent : Light, Area Location : Boiler Room Explanation : 1 Unit           100%           100%           00%           100%           100%           00%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           60%           40%           60%           100%	% of Total         Fail Date (Years)         Stimated Cost (Years)         Year FY           100%         2022         2022           0ther Observation, Extent : Light, Area Affected Location : Throughout The Building Explanation : T-12 Lamps         2032           50%         2032           50%         2032           100%         2022           100%         2022           Current Repair         Future Future (Years)           100%         2047           100%         2047           100%         2047           100%         2047           100%         2047           100%         2040           0ther Observation, Extent : Light, Area Affected Location : Boiler Room Explanation : 1 Unit         2040           100%         2040           100%         2040           0ther Observation, Extent : Light, Area Affected Location : Boiler Room Explanation : 1 Unit         2040           100%         2043           60%         2027           40%         2027           40%         2027           60%         2027           100%         2027           40%         2027           60%         2027 </td <td>% of Total         Fail Date (Years)         Estimated Cost FY         Year FY         Estimated Cost FY           100%         2022         \$137,500           0ther Observation, Extent : Light, Area Affected : 100%         2032         **           100%         2032         **           50%         2032         **           100%         2022         \$51,900           Current Repair         Future Replacement           100%         2047         **           100%         2047         **           100%         2047         **           100%         2047         **           100%         2047         **           100%         2047         **           0ther Observation, Extent : Light, Area Affected : 100%         **           100%         2047         **           100%         2043         **           100%         2043         **           60%         2027         \$62,500           40%         2027         \$10,400           60%         2027         \$41,700           40%         2027         \$10,400           60%         2027         \$10,400</td> <td>% of Total         Fail Date Estimated Cost FY         Year FY         Estimated Cost FY         Cycle (Yrs)           100%         2022         \$137,500         10           00her Observation, Extent : Light, Area Affected : 100%         2032         ***         10           50%         2032         ***         10           50%         2032         ***         10           50%         2032         ***         10           50%         2032         ***         10           50%         2032         ***         10           50%         2032         ***         10           100%         2022         \$51,900         10           100%         2047         ***         1           100%         2047         ***         1           00her Observation, Extent : Light, Area Affected : 100%         1         1           100%         2040         ***         1           100%         2040         ***         1           100%         2040         ***         1           100%         2043         ***         1           100%         2043         ***         1</td> <td>% of Total         Fail Date (Years)         Stimated Cost FY         Vear FY         Estimated Cost (Yrs)         Estimated Cost (Yrs)           100%         2022         \$137,500         10         \$11,900           Other Observation, Extent : Light, Area Affected : 100%         10         \$11,900           50%         2032         **         10           50%         2032         **         10           50%         2032         **         1           100%         2022         \$51,900         10           Current Repair         Future Replacement         Maintenance           % of         Fail Date Estimated Cost FY         Fry         Estimated Cost (Yrs)         S12,900           100%         2047         **         1         \$12,900           00her Observation, Extent : Light, Area Affected : 100%         1         \$12,900           100%         2040         **         1         \$12,900           100%         2040         **         1         \$12,900           100%         2040         **         1         \$42,000           100%         2040         **         1         \$4,200           100%         2043         **         1&lt;</td>	% of Total         Fail Date (Years)         Estimated Cost FY         Year FY         Estimated Cost FY           100%         2022         \$137,500           0ther Observation, Extent : Light, Area Affected : 100%         2032         **           100%         2032         **           50%         2032         **           100%         2022         \$51,900           Current Repair         Future Replacement           100%         2047         **           100%         2047         **           100%         2047         **           100%         2047         **           100%         2047         **           100%         2047         **           0ther Observation, Extent : Light, Area Affected : 100%         **           100%         2047         **           100%         2043         **           100%         2043         **           60%         2027         \$62,500           40%         2027         \$10,400           60%         2027         \$41,700           40%         2027         \$10,400           60%         2027         \$10,400	% of Total         Fail Date Estimated Cost FY         Year FY         Estimated Cost FY         Cycle (Yrs)           100%         2022         \$137,500         10           00her Observation, Extent : Light, Area Affected : 100%         2032         ***         10           50%         2032         ***         10           50%         2032         ***         10           50%         2032         ***         10           50%         2032         ***         10           50%         2032         ***         10           50%         2032         ***         10           100%         2022         \$51,900         10           100%         2047         ***         1           100%         2047         ***         1           00her Observation, Extent : Light, Area Affected : 100%         1         1           100%         2040         ***         1           100%         2040         ***         1           100%         2040         ***         1           100%         2043         ***         1           100%         2043         ***         1	% of Total         Fail Date (Years)         Stimated Cost FY         Vear FY         Estimated Cost (Yrs)         Estimated Cost (Yrs)           100%         2022         \$137,500         10         \$11,900           Other Observation, Extent : Light, Area Affected : 100%         10         \$11,900           50%         2032         **         10           50%         2032         **         10           50%         2032         **         1           100%         2022         \$51,900         10           Current Repair         Future Replacement         Maintenance           % of         Fail Date Estimated Cost FY         Fry         Estimated Cost (Yrs)         S12,900           100%         2047         **         1         \$12,900           00her Observation, Extent : Light, Area Affected : 100%         1         \$12,900           100%         2040         **         1         \$12,900           100%         2040         **         1         \$12,900           100%         2040         **         1         \$42,000           100%         2040         **         1         \$4,200           100%         2043         **         1<

Plumbing

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

### Asset # : 13306

echanical		Current Repair		Future Replacement		aintenance	
stem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
mbing							
H/C Water Piping							
Galvanized Steel	100%		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	\$300	
Backflow Preventer							
Generic	100%		2027	\$3,300	1	\$800	
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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

6405	Lot	: 50	BIN	: 4140176	
				. 1140170	
			<b>FY 2021 - 2024</b> \$379,500 \$66,200 \$84,300		FY 2025 - 2030
					\$167,600
			\$530,000		\$167,600
			\$379,500 \$150,500		\$167,600
			\$530,000		\$167,600
		FY 2021	FY 2022	FY 2023	FY 2024
		\$26,700 \$10,200 \$800 \$800	\$4,200 \$9,100 \$2,000	\$900 \$4,200	\$800 \$700 \$2,000
		\$38,500	\$15,400	\$5,100	\$3,600
		\$27,100 \$2,000 \$9,400	\$400 \$15,000	\$400 \$4,700	\$400 \$3,200 <b>\$3,600</b>
	re e	e	e FY 2021 re \$26,700 e \$10,200 \$800 \$2,7,100 \$2,000	re $$379,500$ e $$66,200$ \$84,300 \$530,000 \$530,000 \$150,500 \$530,000 \$530,000 FY 2021 FY 2022 re $$26,700$ e $$10,200$ \$4,200 \$800 \$9,100 \$800 \$9,100 \$800 \$9,100 \$800 \$2,000 \$38,500 \$15,400 \$2,000 \$15,000 \$9,400	re \$379,500 e \$66,200 \$84,300 . \$379,500 \$150,500 . \$379,500 \$150,500 <b>FY 2021 FY 2022 FY 2023</b> re \$26,700 e \$10,200 \$4,200 \$800 \$9,100 \$900 \$800 \$9,100 \$900 \$800 \$2,000 \$4,200 \$800 \$2,000 \$4,200



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

#### Asset # : 13307

Architecture	Current Repair			e Replacement	M	laintenance		
System Component Type	% of Fail I Total (Yea	Date Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior								
Exterior Walls								
Masonry: Brick	90% Nov	. ,	LIFE	* *	5	\$20,400		
		Erod, Extent : Modera		Affected : 25%				
	Location : Nor	th Facade, West Facad	е					
Window Wall	10% Nov	. ,	2047	* *	5	\$4,300		
	Caulking Deterio Location : Wes	orated, Extent : Moderc t Facade	ite, Area	Affected : 10%				
Windows								
Aluminum	90% Nov	v \$14,300	2043	* *	5	\$800		
	Caulking Deterio Location : Thre	orated, Extent : Moderc oughout	ite, Area	Affected : 25%				
	Water Penetratio	on, Extent : Moderate, A	Area Affe	cted : 10%				
	Location : Rea	ding Area						
Glass Block	5%		LIFE	* *	5	\$100		
	Other Observation	on, Extent : Light, Area	Affected	: 5%				
	Location : Entr	ance Area						
	Explanation : 0	Channel Glass At Entra	nce					
Metal Louvers	5%		2036	* *	10	\$600		
Parapets								
Masonry: Brick	90%		LIFE	* *	5	\$2,000		
Pre-Cast Concrete	10% Nov	v \$800	LIFE	* *	5	\$1,400		
	Cracking/Crumb Location : Cop	ling, Extent : Moderate ing	e, Area Aj	ffected : 10%				
	Jnt Mortar Miss	Erod, Extent : Modera	te, Area A	Affected : 50%				
	Location : At C	lopings						
Roof								
Modified Bitumen	100% Nov	. ,	2037	* *				
		Moderate, Area Affect	ed : 25%					
	Location : Three	e	1.00	. 1 200/				
		t, Extent : Moderate, Al	rea Affec	ted : 20%				
	Location : Thre		1.00	4 1 2007				
	Location : Three	t, Extent : Moderate, A	rea Ађес	cted : 20%				
		-	166	. 200/				
		xtent : Moderate, Area	Ajjeciea	: 20%				
	Location : Three	ngnoui						
nterior Floors								
Carpet	70%		2028	\$112,600	2	\$12,500		
Carpet Cast in Place Concrete	5%		LIFE	\$112,000	3 5	\$12,300		
Ceramic Tile	10%		2036	* *	5	\$1,200		
Vinyl Tile	15%		2030	\$16,100	3	\$900		
v myr i lle	1 J / 0		2021	\$10,100	5	\$700		

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

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

#### Asset # : 13307

Architecture		Current F	Repair	Futur	e Replacement	М		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Interior Walls Concrete Masonry Unit Glass: Single Pane Masonry: Brick	90% 5% 5%	0-2	\$9,400	LIFE LIFE LIFE	* * * * * *	5 5	\$8,200 \$900	
			Extent : Severe, Ar restories In Adult					
Ceilings	Locuiton	. 11000 010		iteauing	1001			
AcousTileConcealSpLn	Cracking/O Location	: First Flo		-	-	5	\$4,800	
	Location	: First Flo						
		led, Extent : First Flo	: Moderate, Area or	Affected	: 25%			
AcousTileSusp.Lay-In			xtent : Light, Arec	2044 a Affected	* * ' : 10%	5	\$1,200	
		: Entrance	Area	LIDE	* *			
Exposed Struc: Steel	15%			LIFE	* *	5	\$700	
Gypsum Board Plaster	5% 5%			LIFE LIFE	* *	5 5	\$700 \$400	
te Pavements Public Sidewalk Cast in Place Concrete	100%			2040	* *			
lectrical		Current F	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts								
Service Equipment Fused Disc Sw			xtent : Moderate,	2027 Area Affe	\$1,600 ected : 100%	5		
		: 1st Floor ion : 1- Ele	ectrical Service Ra	ited At 80	0a			
Switchgear / Switchboard Molded Case Bkrs	100%			2027	\$34,200	5	\$200	
Raceway Conduit	100%			2027	\$33,200	1		
Panelboards Molded Case Bkrs	100%			2026	\$15,800	5	\$200	
Wiring Thermoplastic	100%			2027	\$29,300	1		
Thermophastic								
Motor Controllers Locally Mounted	100%			2032	* *	5	\$100	

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

#### Asset # : 13307

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
Lighting							
Interior Lighting	1000/		0.000	<b>\$24.200</b>	10	<b>*= 2</b> .00	
Fluorescent	100%		2022	\$84,300	10	\$7,300	
		And Fixtures, Extent : Light, : 1st Floor	Area Aff	ectea : 100%			
		s And Fixtures, Extent : Ligh	t Area A	flacted · 100%			
	-	: Boiler Room	, 11 cu 1	<i>Jecica</i> : 10070			
Egress Lighting	500/		2022	* *	10	¢1.000	
Emergency, Battery Exit, Service	50% 50%		2032 2032	* *	10 1	\$1,000	
	30%		2032		1		
Exterior Lighting HID	100%		2027	\$31,800	10		
Alarm	10070		2027	\$51,800	10		
Security System							
Generic	100%		2027	\$25,500	1	\$3,000	
Fire/Smoke Detection							
Generic, Digital	100%		2032	* *	1-3	\$4,900	
Mechanical		Current Repair		e Replacement		aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ieating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2040	* *	1	** * * *	
Distribution					1	\$3,900	
Hot Wtr Piping/Pump					1	\$3,900	
	100%		2035	* *	4	\$3,900 \$400	
Terminal Devices						\$400	
	50%		2032	* *			
Terminal Devices	50% Other Obso	ervation, Extent : Light, Area	2032 Affected	* *	4	\$400	
Terminal Devices	50% Other Obso Location	: Roof Level Machine Room	2032 Affected	* *	4	\$400	
Terminal Devices Air Handler	50% Other Obso Location Explanat		2032 Affected 4.c. Fan	**	4	\$400 \$2,500	
Terminal Devices	50% Other Obso Location Explanat 50%	: Roof Level Machine Room ion : Combination Heat And 2	2032 Affected 4.c. Fan 2040	**	4	\$400	
Terminal Devices Air Handler	50% Other Obso Location Explanat 50% Other Obso	: Roof Level Machine Room ion : Combination Heat And 2 ervation, Extent : Light, Area	2032 Affected 4.c. Fan 2040	**	4	\$400 \$2,500	
Terminal Devices Air Handler	50% Other Obso Location Explanat 50% Other Obso Location	: Roof Level Machine Room ion : Combination Heat And A ervation, Extent : Light, Area : About 8Ft Off Floor Level	2032 Affected 4.c. Fan 2040	**	4	\$400 \$2,500	
Terminal Devices Air Handler Convector/Radiator	50% Other Obso Location Explanat 50% Other Obso Location	: Roof Level Machine Room ion : Combination Heat And 2 ervation, Extent : Light, Area	2032 Affected 4.c. Fan 2040	**	4	\$400 \$2,500	
Terminal Devices Air Handler Convector/Radiator	50% Other Obso Location Explanat 50% Other Obso Location	: Roof Level Machine Room ion : Combination Heat And A ervation, Extent : Light, Area : About 8Ft Off Floor Level	2032 Affected 4.c. Fan 2040	**	4	\$400 \$2,500	
Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source	50% Other Obso Location Explanat 50% Other Obso Location Explanat	: Roof Level Machine Room ion : Combination Heat And A ervation, Extent : Light, Area : About 8Ft Off Floor Level	2032 Affected 4.c. Fan 2040 Affected	**	4	\$400 \$2,500	
Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity	50% Other Obso Location Explanat 50% Other Obso Location	: Roof Level Machine Room ion : Combination Heat And A ervation, Extent : Light, Area : About 8Ft Off Floor Level	2032 Affected 4.c. Fan 2040	* * : 100% * * : 100%	4	\$400 \$2,500	
Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment	50% Other Obso Location Explanat 50% Other Obso Location Explanat	: Roof Level Machine Room ion : Combination Heat And A ervation, Extent : Light, Area : About 8Ft Off Floor Level	2032 Affected 4.c. Fan 2040 Affected 2043	* * : 100% * * : 100% * *	4 1 1 1 1 1	\$400 \$2,500 \$1,300	
Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Int Pkg Unit -	50% Other Obso Location Explanat 50% Other Obso Location Explanat	: Roof Level Machine Room ion : Combination Heat And A ervation, Extent : Light, Area : About 8Ft Off Floor Level	2032 Affected 4.c. Fan 2040 Affected	* * : 100% * * : 100%	4	\$400 \$2,500	
Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment	50% Other Obso Location Explanat 50% Other Obso Location Explanat	: Roof Level Machine Room ion : Combination Heat And A ervation, Extent : Light, Area : About 8Ft Off Floor Level	2032 Affected 4.c. Fan 2040 Affected 2043	* * : 100% * * : 100% * *	4 1 1 1 1 1	\$400 \$2,500 \$1,300	
Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Int Pkg Unit - Heating/Cooling	50% Other Obso Location Explanat 50% Other Obso Location Explanat	: Roof Level Machine Room ion : Combination Heat And A ervation, Extent : Light, Area : About 8Ft Off Floor Level	2032 Affected 4.c. Fan 2040 Affected 2043	* * : 100% * * : 100% * *	4 1 1 1 1 1	\$400 \$2,500 \$1,300	
Terminal Devices Air Handler Convector/Radiator Air Conditioning Energy Source Electricity Conversion Equipment Int Pkg Unit - Heating/Cooling Distribution	50% Other Obse Location Explanat 50% Other Obse Location Explanat 100%	: Roof Level Machine Room ion : Combination Heat And A ervation, Extent : Light, Area : About 8Ft Off Floor Level	2032 Affected 4.c. Fan 2040 Affected 2043 2028	* * : 100% * * : 100% * * \$167,600	4 1 1 1 2	\$400 \$2,500 \$1,300 \$500	

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

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

#### Asset # : 13307

lechanical	Current Repair	Future Re	eplacement	М	aintenance	
ystem Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priorit
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	\$4,800	2	\$100	
	Recent Replace Evident, Extent Location : Mechanical Room	: Light, Area Affected	d : 100%			
	Other Observation, Extent : Lig	ht, Area Affected : 10	00%			
	Location : Boiler Room					
	Explanation : Smith 30 Gallor	IS .				
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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### Page : 198

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: REGO PARK BRANCH LIBRARY		
Address	: 91-41 63RD DR. @ AUSTIN ST.		
Borough	: QUEENS	Agency's Number	: <b>R</b> G
Program / Asset #	: QPL0R48.000 / 13308	Yr Built/Renovated	: <b>1975 / 2009</b>
Area Sq Ft	: 7,257	Project Type	: QUEENS PUBLIC LIBRARY
Date of Survey	: 23-Oct-2018	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1		
Block	: 3104 Lot : 16	BIN	: 4072812

CAPITAL		FY 2021 - 2024		FY 2025 - 2030
Exterior Architecture		\$52,800		
Electrical				\$76,900
Mechanical				\$126,200
Total		\$52,800		\$203,100
Importance Code A		\$52,800		\$55,400
Importance Code B				\$147,600
Total		\$52,800		\$203,100
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$31,500			
Interior Architecture	\$32,100		\$300	\$4,500
Electrical	\$7,000	\$200	\$300	\$300
Mechanical	\$3,400	\$1,000	\$1,600	\$800
Total	\$74,000	\$1,200	\$2,100	\$5,500
Importance Code A	\$31,900	\$400	\$400	\$400
Importance Code B	\$36,100	\$800	\$1,700	\$4,800
Importance Code C	\$6,000			\$400
Total	\$74,000	\$1,200	\$2,100	\$5,500



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

### Asset #: 13308

rchitecture		Current F	Repair	Futur	e Replacement	Μ	aintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
terior									
Exterior Walls									
Masonry: Brick	Effloresce Location Jnt Morta Location Vegetation	1 : Through r Miss/Eroc 1 : Through	l, Extent : Severe, 2 out Extent : Severe, Are	Area Affe	ected : 30%	5	\$8,300		
Metal Panel	30%			2050	* *	5-10	\$28,400		
Window Wall	10%			2050	* *	5	\$5,200		
Windows							*		
Aluminum	98%			2046	* *	5	\$800		
Metal Louvers	2%	Now	\$500	2045	* *				
	Locatior Deteriora	n : Penthous	Extent : Moderate,						
Roof									
Modified Bitumen	Locatior Water Per	Extent : Mod 1 : Main Ro netration, E.	\$30,600 lerate, Area Affect of xtent : Moderate, A strooms, Children A	Area Affe	cted : 10%				
Soffits									
Stucco Cement	100%			2043	* *	5			
terior									
Floors									
Carpet	-		\$20,500 Extent : Moderate prary Area	2029 e, Area A	\$102,700 ffected : 10%	3	\$11,400		
Cast in Place Concrete	5%			LIFE	* *	5	\$2,400		
Ceramic Tile	5%			2039	* *	5	\$500		
Vinyl Tile	20%			2035	* *	3	\$800		
Interior Walls									
Ceramic Tile	5%			2039	* *	5	\$800		
Concrete Masonry Unit	95%			LIFE	* *	5	\$12,100		
Ceilings									
AcousTileConcealSpLn	25%			2035	* *	5	\$3,400		
AcousTileSusp.Lay-In		netration, E.	\$3,300 xtent : Moderate, 2 15 Teens Reading 2		* * cted : 10%	5	\$3,800		
Exposed Struc: Steel	5%		0	LIFE	* *	10	\$1,100		
te Pavements	570					10	ψ1,100		
Public Sidewalk									

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

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

Asset # : 13308

Architecture		Current I	Repair	Futur	re Replacement Maintenance						
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit			
ite Pavements											
On-Site Walkways	1000/			• • • •							
Cast in Place Concrete	100%			2043	* *						
Electrical		Current I	Repair	Futur	e Replacement	Μ	laintenance				
System	% of	Fail Date	<b>Estimated</b> Cost	Year	<b>Estimated</b> Cost	Cycle	<b>Estimated</b> Cost	Priorit			
Component Type	Total	(Years)		FY		(Yrs)					
Jnder 600 Volts											
Service Equipment											
Molded Case Bkrs	100%			2030	\$1,600	5	\$200				
		ervation. E	Extent : Light, Area			5	\$ <b>2</b> 00				
		: Electrica	-								
	Explana	tion : One -	400 Ampere Main I	Disconne	ect Switch						
Switchgear / Switchboard	£		4								
Molded Case Bkrs	100%			2030	\$34,200	5	\$200				
Raceway					,						
Conduit	90%			2030	\$29,800	1					
Conduit	10%			2050	* *	1					
Panelboards											
Fused Disc Sw	5%			2029	\$800	5					
Molded Case Bkrs	80%			2029	\$12,700	5	\$200				
Molded Case Bkrs	15%			2046	* *	5					
Wiring											
Thermoplastic	85%			2030	\$24,900	1					
Thermoplastic	15%			2050	* *	1					
Motor Controllers											
Locally Mounted	100%			2028	\$16,000	5					
bround											
Grounding Devices	1000/					_	<b>*</b> •••				
Generic	100%			LIFE	* *	5	\$200				
Lighting											
Interior Lighting	1000/			2025	¢7( 000	10	¢C 700				
Fluorescent	100%	ng And Fire	ures, Extent : Ligh	2025	\$76,900	10	\$6,700				
	-		out The Building	i, Areu A	<i>Jjecieu</i> . 10076						
Earong Lighting	Locuiton	. Inrough	out the Dutiding								
Egress Lighting Emergency, Battery	45%			2035	* *	10	\$800				
Exit, Service	43% 55%			2035	* *	10	\$00U				
Exterior Lighting	5570			2033		1					
HID	100%			2025	\$29,000	10					
Alarm	10070			2023	φ27,000	10					
Security System											
No Component	70%										
Generic	30%			2025	\$7,000	1	\$800				
Senerie		ervation. F	Extent : Light, Area			1	4000				
			out The Building	55							
			sion Alarm Only, N	1otion Se	ensors						

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

Asset # : 13308

		ASSELT . I	500				
Electrical	Curre	Current Repair			Μ	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm			-				
Fire/Smoke Detection	700/						
No Component	70%		2025	* *	1.2	¢1.200	
Generic, Digital	30%		2035	* *	1-3	\$1,300	
Mechanical	Curre	ent Repair	Futur	e Replacement	М	aintenance	
System	% of Fail D	ate Estimated Cost	Year	<b>Estimated</b> Cost	Cvcle	<b>Estimated</b> Cost	Priorit
Component	Total (Year		FY		(Yrs)		
Туре							
Ieating							
Energy Source	1000/		2040	* *	1		
Natural Gas	100%		2040	-11-	1		
Conversion Equipment	1008/		2020	Ø <i>55</i> 400	1	<b>#3</b> (00	
Hot Water Boiler	100%	. Futant Link Anna	2028	\$55,400	1	\$3,600	
	Location : Boile	n, Extent : Light, Area	Ajjected	. 100%			
	Explanation : 1	Unit					
Distribution	1000/		2029	* *	4	¢500	
Hot Wtr Piping/Pump	100%		2038	~ ~	4	\$500	
Terminal Devices	<b>5</b> 00 (		2020			<b>#3</b> 100	
Air Handler	70%		2030	\$70,800	1	\$3,100	
Convector/Radiator	30%		2028	\$11,500	1	\$700	
ir Conditioning							
Energy Source	1000/		• • • • •	at at			
Electricity	100%		2038	* *	1		
Conversion Equipment							
Ext Pkg Unit -	90%		2035	* *	2	\$400	
Heating/Cooling							
		Extent : Light, Area A	Iffected :	90%			
	Location : 1 Un	it On Roof					
Split Unit	10%		2035	* *			
-	Other Observatio	n, Extent : Light, Area	Affected	: 100%			
	Location : Roof						
	Explanation : 1	Unit. R-410a					
Terminal Devices							
Fan Coil - 2 Pipe	10%		2035	* *	1	\$200	
No Component	90%						
Heat Rejection							
Dry Cooler	10%		2035	* *	2	\$500	
No Component	90%						
ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,400	
Exhaust Fans					-	÷-) - •	
Interior	50%		2030	\$12,800	2	\$100	
Interior			20.00	J12.000	-	10 I U U	

Plumbing

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

Asset # : 13308

echanical	Curre	Current Repair		Future Replacement		Maintenance	
vstem Component Type	% of Fail D Total (Year	ate Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing							
H/C Water Piping							
Brass/Copper	100%		2040	* *	1		
Water Heater							
Gas Fired	100%		2029	\$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.

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	<ul> <li>118-14 H</li> <li>QUEENS</li> <li>QPL0R4</li> <li>13,193</li> <li>06-May-2</li> </ul>	ILLSIDE AV 5 9.000 / 13309		BRARY Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: RI : 1905 / 2001 : QUEENS PUBLIC L : NONE : 4193458	IBRARY
CAPITAL	<b>4</b>			FY 2021 - 2024		FY 2025 - 2030
Exterior Architec				\$416,900 \$49,700		\$124,300
Electrical	uie			\$191,100		ψ12 <del>4</del> ,500
Mechanical						\$182,400
Total				\$657,700		\$306,800
Importance Code	А			\$416,900		
Importance Code	В			\$240,800		\$306,800
Total				\$657,700		\$306,800
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$31,700			
Interior Architect	ure		\$85,000		\$1,500	\$1,900
Electrical			\$200	\$25,600		
Mechanical			\$4,700	\$1,700	\$3,000	\$1,900
Total			\$121,600	\$27,300	\$4,500	\$3,700
Importance Code	А		\$33,000	\$1,500	\$1,300	\$1,300
Importance Code	В		\$58,000	\$25,800	\$3,200	\$2,400
Importance Code	С		\$30,600			
Total			\$121,600	\$27,300	\$4,500	\$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.* 

## QUEENS PUBLIC LIBRARY - 039 RICHMOND HILL BRANCH LIBRARY

#### Asset # : 13309

Architecture		Current F	Repair	Futur	e Replacement	Μ		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	Cracking/C Location Vertical Cr Location Water Pene	: Through cacks, Exte : Southeas	nt : Moderate, Are t Corner xtent : Moderate, 4	ea Affecte	d : 10%	5	\$15,200	
Masonry: Limestone	Jnt Mortar Location Water Pene	: Children	\$65,200 l, Extent : Modera s Entrance xtent : Light, Area out			5	\$1,300	
Windows								
Aluminum	Location Weather St	Deteriorate : Through	g, Extent : Modera			5	\$2,400	
Parapets								
Metal Rail	10%			2040	* *	5-10	\$6,000	
No Component	90%							
Roof								
Metal Panel	Water Pene	Now etration, E : Through	\$31,700 xtent : Moderate, 2 out	2032 4rea Affe	* * cted : 40%			
Modified Bitumen	Water Pene		\$71,200 xtent : Moderate, 2	2032 4rea Affe	* * cted : 30%			
	Location	: Through	out					
terior								
Floors Carpet	15%			2026	\$40,000	3	\$4,400	
Cast in Place Concrete	5%			LIFE	\$ <del>+</del> 0,000 * *	5	\$2,200	
Ceramic Tile		Now	\$6,100	2030	\$20,200	5	\$500	
Cerainie The	Cracking/C		Extent : Moderate			5	\$500	
Vinyl Tile	70%	Now	\$49,700	2027	\$124,300	3	\$5,200	
·	0	Crumbling, : Through	Extent : Moderate					
Vinyl Tile 9" X 9"	-	0-2 Crumbling, : Through	\$11,500 Extent : Moderate out	2037 e, Area Aj	* * ffected : 100%	3	\$400	

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

## QUEENS PUBLIC LIBRARY - 039 RICHMOND HILL BRANCH LIBRARY

#### Asset #: 13309

			Asset # : 13	5309				
Architecture	Current Repair Future Replacem				e Replacement	ent 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	\$1,500	2036	* *	5	\$300	
		Crumbling; 1 : Through	, Extent : Light, Arc cout	ea Affect	ed : 10%			
Gypsum Board	15%			LIFE	* *	5	\$900	
Gypsum Board	15%			LIFE	* *	5	\$900	
Plaster		Now	\$29,100	LIFE	* *	5	\$2,100	
	-	Crumbling, 1 : Through	, Extent : Moderate cout	e, Area Aj	ffected : 10%			
		tetration, E 1 : Through	Extent : Moderate, A Pout	Area Affe	ected : 10%			
Ceilings								
AcousTile,Adhered	• • •	Now	\$500	2032	* *	5	\$500	
			Extent : Light, Area	Affected	: 5%			
		i : 2nd Floo						
		ded, Exteni 1 : 2nd Floo	t : Moderate, Area . or	Affected	: 5%			
AcousTileConcealSpLn	15%			2040	* *	5	\$3,700	
AcousTileSusp.Lay-In	20%	Now	\$3,400	2040	* *	5	\$2,000	
		Crumbling, 1 : Through	, Extent : Light, Are out	ea Affect	ed : 10%			
	Water Pen		Extent : Light, Area	Affected	: 10%			
Plaster	60%	Now	\$32,900	LIFE	* *	5	\$7,400	
	-	Crumbling 1 : Through	, Extent : Moderate cout	e, Area A	ffected : 30%			
	Water Pen	etration, E	Extent : Moderate, A	Area Affe	ected : 30%			
		1 : Through		55				
Electrical		Current	Repair	Futur	e Replacement	Μ	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	<b>Estimated</b> Cost	Priority
Component	Total	(Years)	Listillated Cost	FY	Listillated Cost	(Yrs)	Listillated Cost	1110110
Туре		. ,				. ,		_
Inder 600 Volts								
Service Equipment	1000/			2027	¢1.(00	F	¢200	
Molded Case Bkrs	100%		Extent : Light, Area	2027	\$1,600	5	\$300	
		i : Electrica	-	Ајјестеи	. 100/0			
			400 Amperes Main	Disconn	act Switch			
Raceway	влрини		400 Amperes Main	DISCONN	SCI DWIICH			
Conduit	100%			2027	\$33,200	1		
Panelboards					··· ;= · · · · ·	-		
Fused Disc Sw	5%			2026	\$800	5		
Molded Case Bkrs	95%			2026	\$15,000	5	\$300	
							\$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.* 

\$4,300

## QUEENS PUBLIC LIBRARY - 039 RICHMOND HILL BRANCH LIBRARY

#### Asset #: 13309

		Asset # : 13	209				
Electrical	Current Repair Future Replacement				М		
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts							
Wiring							
Braided Cloth	50%		2026	\$14,700	1		
	-	xtent : Moderate, Area ghout The Building	a Affecte	ed : 100%			
Thermoplastic	50%		2027	\$14,700	1		
Motor Controllers							
Locally Mounted	100%		2025	\$32,000	5	\$100	
round							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
ghting							
Interior Lighting				<b>.</b>		<b>.</b>	
Fluorescent	99%		2022	\$138,300	10	\$12,000	
		, Extent : Moderate, A ghout The Building	lrea Affe	ected : 100%			
	Explanation : $T$ -	12 Lamps					
Incandescent	1%		2022	\$1,400	2		
Egress Lighting							
Emergency, Battery	50%		2022	\$9,400	10	\$1,600	
Exit, Service	50%		2022	\$1,000	1		
Exterior Lighting							
HID	100%		2022	\$52,700	10		
lechanical	Currer	nt Repair	Futur	re Replacement	М	aintenance	
ystem Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
eating							
Energy Source	1000		<b>0</b> 00 <b>-</b>	باب راب			
Natural Gas	100%		2037	* *	1		
Conversion Equipment	1000/		2022	بك بك ا	1	¢13 100	
Steam Boiler	100%	Fridand - Madanista	2032	ττ 	1	\$13,100	
	Location : Basen	, Extent : Moderate, A	irea Affe	eciea : 100%			
	Explanation : 1 U	Inu					
Distribution Central Plant Steam	100%		2027	* *	1	\$1,000	
Piping/Pmp	10070		2037		4	\$1,000	
Terminal Devices							
Terminal Devices	1000/		• • • • •				

2040

2043

\* \*

\* \*

1

1

Convector/Radiator

Energy Source Electricity

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

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

100%

100%

# QUEENS PUBLIC LIBRARY - 039 RICHMOND HILL BRANCH LIBRARY

#### Asset # : 13309

Mechanical		Current R	lepair	Futur	e Replacement	Μ	aintenance	
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 - Cooling	20%			2025	\$97,800	2	\$200	
Exterior Pkg Unit - Cooling	80%			2027	\$84,700	2	\$600	
Ventilation								
Distribution Ductwork/Diffusers	Leak Evide		\$2,400 Moderate, Area A Connection Of #1		* * 25% kage Unit On Roof	2-5	\$7,400	
Exhaust Fans			, v		0 1			
Interior	60%			2027	\$27,900	2	\$200	
Roof	40%			2027	\$8,700	2	\$200	
Plumbing H/C Water Piping	• • • • •			• • • •				
Brass/Copper	20%			2047	* *	1		
Galvanized Steel	80%			2032	* *	1		
Water Heater Gas Fired	100%			2025	\$8,000	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	\$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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Area Sq Ft	: 13,732			<b>Project Type</b>	: QUEENS PUBLIC LIBRARY
Date of Survey	: 09-Jun-20			Landmark Status	: NONE
Areas Surveyed	: Basement.			DIN	. 4092512
Block	: 3491	Lot	: 1	BIN	: 4083512
CAPITAL				FY 2021 - 2024	FY 2025 - 2030
Exterior Architec	ture			\$181,100	
Mechanical					\$38,300
Total				\$181,100	\$38,300

Total	\$181,100	\$38,300
Importance Code B		\$38,300
Importance Code A	\$181,100	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture				\$2,900
Interior Architecture	\$7,100	\$100	\$4,100	\$1,400
Electrical	\$1,100	\$900	\$15,400	\$1,300
Mechanical	\$1,900	\$2,000	\$2,800	\$2,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$14,100	\$6,900	\$26,300	\$11,700
Importance Code A	\$1,000	\$1,000	\$1,000	\$3,900
Importance Code B	\$13,100	\$5,800	\$25,200	\$7,700
Importance Code C		\$100		
Total	\$14,100	\$6,900	\$26,300	\$11,700



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

### Asset # : 13310

	Architecture		Current Repair	Futu	re Replacement	M	Maintenance		
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$					-			Dette	
Exterior Walls Cast Stone/Terra Cotta 20% Now \$66.900 LIFE ** 5 \$34,900 Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25% Location : Throughout Masonry: Brick Aluminum 100% 2044 ** 5 \$5,800 Parapets Cast Stone/Terra Cotta 10% LIFE ** 5 \$6,000 Recent Repair Evident, Extent : Light, Area Affected : 20% Location : Coping Masonry: Brick 90% LIFE ** 5 \$6,000 Recent Repair Evident, Extent : Light, Area Affected : 20% Location : Coping Masonry: Brick 90% LIFE ** 5 \$7,000 Recent Repair Evident, Extent : Light, Area Affected : 20% Location : Coping Masonry: Brick 90% 2036 ** 10 \$17,900 Masonry: Brick 90% 2036 ** 10 \$17,900 Masonry: Brick 90% 2036 ** 10 \$17,900 Masonry: Drick 90% 2036 ** 5 \$7,000 Recent Repair Evident, Extent : Light, Area Affected : 25% Location : Throughout Roof Carpet 10% 2036 ** 10 \$17,900 Vinyl Tile 55% 2036 ** 3 \$3,100 Ceramic Tile 35% 2041 ** 5 \$7,200 Vinyl Tile 55% 2036 ** 3 \$3,100 Ceramic Tile 25% 2037 ** 5 \$200 Giass: Single Pane 3% LIFE ** 5 \$200 Giass: Single Pane 3% LIFE ** 5 \$200 Giass: Single Pane 3% LIFE ** 5 \$200 Cislings AcousTile,Athered 30% 4 \$2,100 2045 ** 5 \$6,200 AcousTile,Athered 30% 4 \$2,100 2045 ** 5 \$6,200 AcousTile,Athered 50% 2033 ** 5 \$6,200 AcousTile,Athered 10% LIFE ** 5 \$1,300 Eter 10% LIFE ** 5 \$1,300 Eter Relation : Dow 2063 ** Retaining Walls Cast in Place Concrete 10% 2041 ** On-Site Walkways Cast in Place Concrete 10% 2041 ** Public Sidewalk Cast in Place Concrete 10% 2041 **	Component				Estimated Cost	-	Estimated Cost	Priority	
$ \begin{array}{c cccc} Cast Stone/Terra Cotta J0% Now $66,900 LIFE ** 5 $34,900 \\ Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25% \\ Location : Throughout \\ \hline \begin{tabular}{lllllllllllllllllllllllllllllllllll$									
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$									
Int Maran Miss/Erod, Extent : Moderate, Area Affected : 50% Location : Throughout           Windows Aluminum         100%         2044         **         5         \$5,800           Parapets Cast Stone/Terra Cotta         10%         LIFE         **         5         \$6,000           Recent Repair Evident, Extent : Light, Area Affected : 20% Location : Coping         10%         2044         **         5         \$6,000           Masonry: Brick         90%         LIFE         **         5         \$7,000           Recent Repair Evident, Extent : Light, Area Affected : 20% Location : Throughout         10         \$17,900           ntterior         10%         2036         **         10         \$17,900           Interior         10%         2029         \$27,800         \$3,3100           Carpet         10%         2029         \$27,800         \$3,100           Carpet         10%         2036         **         \$5         \$2,00           Interior         11         2%         2037         **         \$5         \$2,00           Galass: Single Pane         3%         LIFE         **         \$5         \$2,00           Glass: Single Pane         3%         LIFE         *         \$5 <t< td=""><td>Cast Stone/Terra Cotta</td><td>Jnt Morta</td><td>r Miss/Erod, Extent : Modera</td><td></td><td></td><td>5</td><td>\$34,900</td><td></td></t<>	Cast Stone/Terra Cotta	Jnt Morta	r Miss/Erod, Extent : Modera			5	\$34,900		
Aluminum         100%         2044         **         5         \$5,800           Parapets Cast Stone/Terra Cotta         10%         LIFE         **         5         \$6,000           Masonry: Brick $10\%$ LIFE         **         5         \$5,000           Masonry: Brick $00\%$ LIFE         **         5         \$7,000           Recent Repair Evident, Extent : Light, Area Affected : 25% $Location : Throughout$ **         5         \$7,000           Roof $Modified$ Bitumen         100%         2036         **         10         \$17,900           teterior         Floors         Carpet         10%         2029         \$27,800         3         \$3,100           Ceramic Tile         35%         2041         **         5         \$7,200           Vinyl Tile         55%         2036         **         3         \$3,100           Ceramic Tile         2%         2037         **         5         \$200           Glass: Single Pane         3%         LIFE         **         5         \$200           Gysum Board         15%         LIFE         **         5         \$6,200           AcousTile,Adhered		Jnt Morta	r Miss/Erod, Extent : Modera			5	\$17,900		
Automitain         100 / 0         2044         5         53,800           Parapets Cast Stone/Terra Cotta         10%         LIFE         **         5         \$6,000           Recent Repair Evident, Extent : Light, Area Affected : 20%         Location : Coping         90%         LIFE         **         5         \$7,000           Masonry: Brick         90%         LIFE         **         5         \$7,000           Recent Repair Evident, Extent : Light, Area Affected : 25%         Location : Throughout         100%         2036         **         10         \$17,900           nterior         Floors         Carpet         10%         2029         \$27,800         3         \$3,100           Ceramic Tile         35%         2041         **         5         \$2,00           Interior         Floors         Carpet         2036         **         3         \$5,700           Interior Walls         Ceramic Tile         2%         2037         **         5         \$200           Glass: Single Pane         3%         LIFE         **         5         \$200         Glass: Single Pane         30%         \$21FE         *         5         \$6,200           AcoustTile, Adhered         30% <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Aluminum	100%		2044	* *	5	\$5,800		
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$									
Masonry: Brick         90%         LIFE         **         5         \$7,000           Recent Repair Evident, Extent : Light, Area Affected : 25%           Location : Throughout         Location : Throughout         \$17,900           Recent Repair Evident, Extent : Light, Area Affected : 25%           Modified Bitumen         100%         2036         **         10         \$17,900           recent Repair Evident, Extent : Light, Area Affected : 25%           Masonry: Brick         10%         2036         **         10         \$17,900           Notified Bitumen           100%         2029         \$27,800         3         \$3,100           Carpet         10%         2029         \$27,800         3         \$3,100           Caramic Tile         35%         2041         **         5         \$2,000           Interior Walls         Ceramic Tile         2%         2037         **         5         \$2,000           Glass: Single Pane         3%         LIFE         **         5         \$2,000           Plaster         80%         LIFE         **         5         \$6,200           Carpoin: 2016 Floor           Plaster         100% <td>Cast Stone/Terra Cotta</td> <td></td> <td></td> <td></td> <td></td> <td>5</td> <td>\$6,000</td> <td></td>	Cast Stone/Terra Cotta					5	\$6,000		
$\hline Recent Repair Evident, Extent : Light, Area Affected : 25% \\ \hline Location : Throughout \\ \hline Roof \\ \hline Modified Bitumen 100% 2036 ** 10 $17,900 \\ \hline Modified Bitumen 100% 2029 $27,800 3 $3,100 \\ \hline Ceramic Tile 35% 2041 ** 5 $7,200 \\ \hline Vinyl Tile 55% 2036 ** 3 $5,700 \\ \hline Interior Walls \\ \hline Ceramic Tile 2% 2037 ** 5 $200 \\ \hline Glass: Single Pane 3% LIFE ** 5 $200 \\ \hline Glass: Single Pane 3% LIFE ** 5 $200 \\ \hline Qysum Board 15% LIFE ** 5 $200 \\ \hline Ceilings \\ Acous Tile, Adhered 30% 2033 ** 5 $6,200 \\ \hline Acous Tile, Supp. Lay-In 60% 4+ $2,100 2045 ** 5 $6,200 \\ \hline Acous Tile, Supp. Lay-In 60% 4+ $2,100 2045 ** 5 $6,200 \\ \hline Location : 2nd Floor \\ \hline Plaster 10\% LIFE ** 5 $1,300 \\ \hline Lecation : 2nd Floor \\ \hline Plaster 10\% 2063 ** \\ \hline Retaining Walls \\ \hline Masonry: Brick 100\% 2048 ** \\ \hline Pavements \\ Public Sidewalk \\ \hline Cast in Place Concrete 100\% 2041 ** \\ \hline On-Site Walkways \\ \hline Cast in Place Concrete 100\% 2041 ** \\ \hline Activity Yard \\ \hline \end{tabular}$		Location	: Coping						
	Masonry: Brick	90%		LIFE	* *	5	\$7.000		
$\begin{tabular}{ c c c c c c c } \hline Modified Bitumen 100\% & 2036 & ** 10 & \$17,900 \\ \hline \end{tabular}{treior} \\ \hline Floors & & & & & & & & & & & & & & & & & & &$		-			cted : 25%	-	••••		
Monned Buthlen         100 / 8         2030         10         \$17,300           refor         Floors         Carpet         10%         2029         \$27,800         3         \$3,100           Ceramic Tile         35%         2041         ** * 5         \$7,200           Vinyl Tile         55%         2036         ** 3         \$\$5,700           Interior Walls         Ceramic Tile         2%         2037         ** 5         \$200           Glass: Single Pane         3%         LIFE         ** 5         \$200         \$27,800         \$3,700           Plaster         80%         LIFE         ** 5         \$200 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		100%		2036	* *	10	\$17,900		
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	nterior								
$\begin{tabular}{ c c c c c c c c c c } \hline Ceramic Tile & 35\% & 2041 & ** & 5 & $7,200 \\ \hline Vinyl Tile & 55\% & 2036 & ** & 3 & $$5,700 \\ \hline \hline Interior Walls & & & & & & & & & & & & & & & & & & $	Floors								
$\begin{tabular}{ c c c c c c } \hline Vinyl Tile 55\% & 2036 & ** & 3 & \$5,700 \\ \hline Interior Walls & & & & & & & & & & & & & & & & & & $	Carpet								
Viny Tile $35.\%$ $2030$ $3$ $35.\%0$ Interior WallsCeramic Tile $2\%$ $2037$ ** $5$ $$200$ Glass: Single Pane $3\%$ LIFE** $5$ $$200$ Gypsum Board $15\%$ LIFE** $5$ $$900$ Plaster $80\%$ LIFE** $5$ $$900$ Plaster $80\%$ LIFE** $5$ $$5,200$ Acous Tile, Adhered $30\%$ $2033$ ** $5$ $$6,200$ Acous Tile, Adhered $30\%$ $2033$ ** $5$ $$6,200$ Acous Tile, Susp. Lay-In $60\%$ $4+$ $$2,100$ $2045$ ** $5$ $$6,200$ <i>Staining/Discoloring, Extent : Severe, Area Affected : <math>2\%</math></i> Location : $2nd$ FloorPlaster $10\%$ LIFE** $5$ $$1,300$ Inter Interior 2nd FloorPlaster $10\%$ $2063$ **Iron Picket $100\%$ $2063$ **Public SidewalkCast in Place ConcreteOn-Site WalkwaysCast in Place Concrete $100\%$ $2041$ **On-Site WalkwaysCast in Place Concrete $100\%$ $2041$ **Activity Yard	Ceramic Tile	35%		2041	* *	5	\$7,200		
$\begin{tabular}{ c c c c c c } \hline Ceramic Tile & 2\% & 2037 & ** & 5 & \$200 \\ \hline Glass: Single Pane & 3\% & LIFE & ** & 5 & \$200 \\ \hline Gypsum Board & 15\% & LIFE & ** & 5 & \$200 \\ \hline Gypsum Board & 15\% & LIFE & ** & 5 & \$200 \\ \hline Plaster & 80\% & LIFE & ** & 5 & \$200 \\ \hline Plaster & 80\% & 2033 & ** & 5 & \$6,200 \\ \hline Acous Tile, Adhered & 30\% & 2033 & ** & 5 & \$6,200 \\ \hline Acous TileSusp.Lay-In & 60\% & 4+ & \$2,100 & 2045 & ** & 5 & \$6,200 \\ \hline Acous TileSusp.Lay-In & 60\% & 4+ & \$2,100 & 2045 & ** & 5 & \$6,200 \\ \hline Staining/Discoloring, Extent : Severe, Area Affected : 2\% \\ \hline Location : 2nd Floor \\ \hline \hline Plaster & 10\% & LIFE & ** & 5 & \$1,300 \\ \hline ite Enclosure \\ \hline Fence/Gates \\ \hline Iron Picket & 100\% & 2063 & ** \\ \hline Retaining Walls \\ \hline Masonry: Brick & 100\% & 2048 & ** \\ \hline ite Pavements \\ \hline Public Sidewalk \\ \hline \hline Cast in Place Concrete & 100\% & 2041 & ** \\ \hline On-Site Walkways \\ \hline Cast in Place Concrete & 100\% & 2041 & ** \\ \hline Activity Yard \\ \hline \end{tabular}$	Vinyl Tile	55%		2036	* *	3	\$5,700		
$\begin{tabular}{ c c c c c } \hline Glass: Single Pane & 3\% & LIFE & ** & 5 & \$200 \\ \hline Gypsum Board & 15\% & LIFE & ** & 5 & \$900 \\ \hline Plaster & 80\% & LIFE & ** & 5 & \$2,300 \\ \hline \hline Ceilings & & & & & & & & & & & & \\ \hline Acous Tile, Adhered & 30\% & 2033 & ** & 5 & \$6,200 \\ \hline Acous TileSusp.Lay-In & 60\% & 4+ & \$2,100 & 2045 & ** & 5 & \$6,200 \\ \hline Staining/Discoloring, Extent : Severe, Area Affected : 2% \\ \hline Location : 2nd Floor & & & & & & \\ \hline Plaster & 10\% & LIFE & ** & 5 & \$1,300 \\ \hline tite Enclosure & & & & & & & \\ \hline Fence/Gates & & & & & & & & \\ \hline Retaining Walls & & & & & & & & \\ \hline Masonry: Brick & 100\% & 2063 & ** & & & & \\ \hline Pavements & & & & & & & & & \\ \hline Public Sidewalk & & & & & & & & & \\ \hline Cast in Place Concrete & 100\% & 2041 & ** & & & & \\ \hline On-Site Walkways & & & & & & & & \\ \hline Cast in Place Concrete & 100\% & 2041 & ** & & & \\ \hline Activity Y ard & & & & & & & & \\ \hline \end{array}$	Interior Walls								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Ceramic Tile	2%		2037	* *	5	\$200		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Glass: Single Pane	3%		LIFE	* *	5	\$200		
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$					* *				
Ceilings AcousTile,Adhered $30\%$ $4cousTileSusp.Lay-In203360\%**5$6,200**AcousTileSusp.Lay-In60\%4+$2,10020452045**5$6,200Image: Staining/Discoloring, Extent : Severe, Area Affected : 2\%Location : 2nd Floor10\%LIFE**5$1,300Ite EnclosureFence/GatesIron Picket10\%2063****Retaining WallsMasonry: Brick100\%2048**Ite PavementsPublic SidewalkCast in Place Concrete100\%2041**On-Site WalkwaysCast in Place Concrete100\%2041**$					* *				
AcousTile,Adhered AcousTileSusp.Lay-In $30\%$ $60\%$ $2033$ $10\%$ ** 5 $$6,200$ AcousTileSusp.Lay-In $60\%$ $4+$ $$2,100$ $2045$ $10\%$ ** 5 $$6,200$ Staining/Discoloring, Extent : Severe, Area Affected : $2\%$ Location : $2nd$ FloorPlaster $10\%$ LIFE** 5 $$1,300$ ite Enclosure Fence/Gates Iron PicketMasonry: Brick $100\%$ $2063$ **Public Sidewalk Cast in Place ConcreteOn-Site Walkways Cast in Place Concrete $100\%$ $2041$ **Activity Yard		0070		LIIL		5	\$2,500		
AcousTileSusp.Lay-In       60% 4+       \$2,100       2045       **       5       \$6,200         Staining/Discoloring, Extent : Severe, Area Affected : 2%         Location : 2nd Floor       10%       LIFE       **       5       \$1,300         Plaster         Inter 10%       2063       **         Fence/Gates         Iron Picket       100%       2063       **         Retaining Walls       Masonry: Brick       100%       2048       **         ite Pavements       Public Sidewalk       Cast in Place Concrete       100%       2041       **         On-Site Walkways       Cast in Place Concrete       100%       2041       **         Activity Yard       2041       **		30%		2033	* *	5	\$6 200		
Staining/Discoloring, Extent : Severe, Area Affected : 2%         Location : 2nd Floor         Plaster       10%       LIFE       ** 5       \$1,300         ite Enclosure       Fence/Gates       Image: Severe, Area Affected : 2%       Staining/Discoloring, Extent : Severe, Area Affected : 2%         Ite Enclosure       Fence/Gates       Image: Severe, Area Affected : 2%       Staining/Discoloring, Extent : Severe, Area Affected : 2%         Ite Enclosure       Fence/Gates       Image: Severe, Area Affected : 2%       Staining/Discoloring, Extent : Severe, Area Affected : 2%         Ite Enclosure       Fence/Gates       Image: Severe, Area Affected : 2%       Staining/Discoloring, Extent : Severe, Area Affected : 2%         Ite Enclosure       Fence/Gates       Image: Severe, Area Affected : 2%       Staining/Discoloring, Extent : Severe, Area Affected : 2%         Masonry:       Fence/Gates       Image: Severe, Area Affected : 2%       Staining/Discoloring, Extent : Severe, Area Affected : 2%         Masonry:       Brick       100%       2048       **         Public Sidewalk       Cast in Place Concrete       100%       2041       **         On-Site Walkways       Cast in Place Concrete       100%       2041       **         Activity Yard       Image: Severe			4+ \$2,100		* *				
ite Enclosure Fence/Gates Iron Picket 100% 2063 ** Retaining Walls Masonry: Brick 100% 2048 ** ite Pavements Public Sidewalk Cast in Place Concrete 100% 2041 ** On-Site Walkways Cast in Place Concrete 100% 2041 **	reous meousp.Lay m	Staining/L	Discoloring, Extent : Severe, A		cted : 2%	5	\$6,200		
ite Enclosure Fence/Gates Iron Picket 100% 2063 ** Retaining Walls Masonry: Brick 100% 2048 ** ite Pavements Public Sidewalk Cast in Place Concrete 100% 2041 ** On-Site Walkways Cast in Place Concrete 100% 2041 **	Plaster	10%		LIFF	* *	5	\$1 300		
Fence/Gates         Iron Picket       100%       2063       **         Retaining Walls       Masonry: Brick       100%       2048       **         Masonry: Brick       100%       2048       **         ite Pavements       Public Sidewalk       **         Cast in Place Concrete       100%       2041       **         On-Site Walkways       Cast in Place Concrete       100%       2041       **         Activity Yard       **       **       **       **		1070				5	ψ1,500		
Iron Picket100%2063**Retaining WallsMasonry: Brick100%2048**Masonry: Brick100%2048**PavementsPublic SidewalkCast in Place Concrete100%2041**On-Site WalkwaysCast in Place Concrete100%2041**Activity Yard********									
Retaining Walls         Masonry: Brick       100%       2048       **         Masonry: Brick       100%       2048       **         Pavements       Public Sidewalk       Cast in Place Concrete       100%       2041       **         On-Site Walkways       Cast in Place Concrete       100%       2041       **         Activity Yard       X       X       X       X		100%		2063	* *				
Masonry: Brick     100%     2048     **       Pavements     Public Sidewalk     **       Cast in Place Concrete     100%     2041     **       On-Site Walkways     Cast in Place Concrete     100%     2041     **       Activity Yard     2041     **		10070		2005					
ite Pavements Public Sidewalk Cast in Place Concrete 100% 2041 ** On-Site Walkways Cast in Place Concrete 100% 2041 ** Activity Yard	U	1000/		2049	* *				
Public Sidewalk       2041       **         Cast in Place Concrete       100%       2041       **         On-Site Walkways       Cast in Place Concrete       100%       2041       **         Activity Yard       X       X       X       X       X		100%		∠048					
Cast in Place Concrete100%2041**On-Site Walkways Cast in Place Concrete100%2041**Activity Yard**									
On-Site Walkways Cast in Place Concrete 100% 2041 ** Activity Yard		1000/		2041	بك بك				
Cast in Place Concrete     100%     2041     **       Activity Yard     **		100%		2041	* *				
Activity Yard									
		100%		2041	* *				
Pavers/Stone 100% 2037 **									
	Pavers/Stone	100%		2037	* *				

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

### Asset # : 13310

Electrical	Current Repair	М							
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Jnder 600 Volts									
Service Equipment Fused Disc Sw	90% Other Observation, Extent : Mo	2048 derate, Area Affected : .	* * 100%	5	\$100				
	Location : Electrical Room Explanation : One 800 Amper								
Fused Disc Sw	10% Other Observation, Extent : Mo Location : Electrical Room Explanation : One 200 Amper			5					
Switchgear / Switchboard	Explanation : One 200 Amper	es main Disconneer Swi	ich						
Molded Case Bkrs	100%	2048	* *	5	\$400				
Raceway				2	4.00				
Conduit	100%	2048	* *	1					
Panelboards				_					
Fused Disc Sw	5%	2044	* *	5					
Molded Case Bkrs	95%	2044	* *	5	\$300				
Wiring									
Thermoplastic	100%	2048	* *	1					
Motor Controllers Locally Mounted	100%	2041	* *	5	\$100				
Ground									
Grounding Devices									
Generic	100%	LIFE	* *	5	\$200				
Lighting									
Interior Lighting					** ***				
Fluorescent	70%	2033	* *	10	\$8,800				
	T-5 Lamps And Fixtures, Exten Location : Throughout The Bu		ted : 100%						
Fluorescent	10%	2033	* *	10	\$1,300				
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building								
	Explanation : Compact Fluor	escent Lighting							
Fluorescent	20%	2033	* *	10	\$2,500				
	T-8 Lamps And Fixtures, Exten Location : Throughout The Bu		ted : 100%						
Egress Lighting									
Emergency, Battery	50%	2033	* *	10	\$1,700				
Exit, LED	45%	2056	* *	1					
Exit, Service	5%	2033	* *	1					
Exterior Lighting HID	100%	2033	* *	10					

Alarm

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

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

### Asset # : 13310

Electrical	Current Repair				e Replacement	М	aintenance	
System Component Type		Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
larm								
Security System No Component Generic	Location :	rvation, Extent Throughout T on : CCTV Sur	he Building		* * ected : 100%	1	\$3,600	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2033	* *	1-3	\$6,100	
Mechanical		Current Repai	r	Futur	e Replacement	м	aintenance	
System								
Component Type		Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
leating								
Energy Source Natural Gas	100%			2048	* *	1		
<b>Conversion Equipment</b>								
Furnace	50%			2033	* *	1	\$3,400	
		rvation, Extent	: Light, Area	Affected	: 50%			
	Location :	Roof						
	Explanatio	on : 3 Rooftop I	Package Units	5				
Steam Boiler	50%			2041	* *	1	\$6,800	
	Other Obser	Other Observation, Extent : Light, Area Affected : 100%						
	Location :	Basement Boil	ler Room					
	Explanatio	on : 1 Unit						
Distribution								
Central Plant Steam	50%			2048	* *	4	\$300	
Piping/Pmp								
No Component	50%							
Terminal Devices								
Air Handler	20%			2028	\$38,300	1	\$1,700	
Convector/Radiator	30%			2041	* *	1	\$1,300	
No Component	50%							
Air Conditioning								
Energy Source	1000/			••••				
Electricity	100%			2044	* *	1		

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

### Asset # : 13310

Mechanical	Curre	nt Repair	Futur	e Replacement	Μ	laintenance		
System Component Type	% of Fail D Total (Year	ate Estimated Cost <sup>•</sup> s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning								
Conversion Equipment Reciprocating Compr/Chiller	20%		2028	\$23,100	1	\$1,300		
1	Other Observation Location : Roof	n, Extent : Light, Area	Affected	: 20%				
	Explanation : R							
Ext Pkg Unit - Heating/Cooling	80%		2033	* *	2	\$700		
	Other Observation, Extent : Light, Area Affected : 80% Location : Roof Explanation : 3 Package Units. Refrigerant: R-410a							
Terminal Devices Air Handler/Dir Expansion	20%		2028	\$30,400	1			
No Component	80%							
Heat Rejection								
Dry Cooler	20%		2028	\$14,800	2	\$1,900		
No Component	80%							
Ventilation								
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,700		
Exhaust Fans	10070		LIL		2-5	\$7,700		
Roof	100%		2033	* *	2	\$400		
Plumbing						· · ·		
H/C Water Piping								
Brass/Copper	100%		2048	* *	1			
Water Heater					-			
Gas Fired	100%		2026	\$8,300	2	\$200		
Sanitary Piping Cast Iron	100%		LIFE	* *	1			
Storm Drain Piping	10070		LIL		1			
Cast Iron	100%		LIFE	* *	1			
Sump Pump(s) Non-Submersible	100%		2033	* *	4	\$400		
Backflow Preventer								
Generic	100%		2033	* *	1	\$800		
Fixtures Generic	100%							
Vertical Transport								
Elevators	1000/			.a. •				
Hydraulic		n, Extent : Light, Area ment To 2nd Floor	LIFE Affected	* * ! : 100%				
	Explanation : O							

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

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Asset Name Address	<ul> <li>ROCHDALE VILLAGE BRANCH L</li> <li>169-09 137TH AVE.</li> </ul>	IBRARY	
Borough	: QUEENS	Agency's Number	: RO
Program / Asset #	: QPL0R51.000 / 13311	Yr Built/Renovated	: 1969 / 2008
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 2021 - 2024	FY 2025 - 2030
Mechanical		\$77,100	\$112,500

Total	\$77,100	\$112,500
Importance Code A	\$77,100	
Importance Code B		\$112,500
Total	\$77,100	\$112,500

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$8,900	\$3,300		
Interior Architecture	\$600	\$6,500	\$4,900	
Electrical	\$13,500	\$1,100	\$1,100	\$900
Mechanical	\$700	\$3,900	\$4,800	\$1,900
Total	\$23,700	\$14,800	\$10,900	\$2,800
Importance Code A	\$8,900	\$4,000	\$500	\$500
Importance Code B	\$14,500	\$10,900	\$10,400	\$2,300
Importance Code C	\$300			
Total	\$23,700	\$14,800	\$10,900	\$2,800



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

# QUEENS PUBLIC LIBRARY - 039 ROCHDALE VILLAGE BRANCH LIBRARY

### Asset # : 13311

Architecture	Current Repair			Future Replacement		Maintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Exterior							
Exterior Walls							
Masonry: Brick	80% 4+ Vertical Cracks, I Location : North	\$8,900 Extent : Moderate, Are hwest Corner	LIFE a Affecte	* * d : 5%	5	\$13,900	
Weathering Steel	Location : New	n, Extent : Light, Area Addition To East Elev ecent Construction		* *	1		
Window Wall	6%		2047	* *	5	\$3,900	
	Other Observatio Location : Thro	n, Extent : Light, Area ughout hermally Inefficient		: 100%	-		
Window Wall	4%		2057	* *	5	\$2,600	
	Recent Construct	ion, Extent : Light, Are Addition At East Eleve		ed : 100%	-	<i> </i>	
Windows							
Aluminum	Location : Thro	-	2035 Affected	* * : 100%	5	\$1,300	
	-	hermally Inefficient					
Aluminum		ion, Extent : Light, Are Addition To East Elev		* * cd : 100%	5	\$100	
Parapets	1000/		LIDE	* *	-	¢7.200	
Cast in Place Concrete	100%		LIFE	* *	5	\$7,300	
Roof IRMA/Protected Membrane	15%		2035	* *	10	\$4,800	
Modified Bitumen	75% Recent Replace E Location : Main	vident, Extent : Light, Roof	2035 Area Affe	* * ected : 100%	10	\$23,800	
Skylight, Metal/Glass		n, Extent : Light, Area On New Addition	2057 Affected	* * : 100%	10	\$10,600	
nterior							
Floors			0000	<b>0100</b>	2	<b>614 5</b> 00	
Carpet	65%		2029	\$132,600	3	\$14,700	
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			LIFE	* *	5	\$4,600	
Glass: Single Pane	5%		LIFE	* *	5	\$600	
Gypsum Board	25%		LIFE	* *	5	\$2,600	

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

## **QUEENS PUBLIC LIBRARY - 039 ROCHDALE VILLAGE BRANCH LIBRARY**

### Asset # : 13311

A		sel # : 15511				_
Architecture	Current Repa	r Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nterior						
Ceilings		• • • • •		_	<b>* * * * *</b>	
AcousTileConcealSpLr	A 65% Recent Repair Evident, Ex Location : Throughout	2047 tent : Light, Area Affect	* * ed : 5%	5	\$12,300	
Exposed Struc: Steel	5%	LIFE	* *			
Exposed Struc: Wood	30%	LIFE	* *			
	Other Observation, Extent Location : New Addition Explanation : Recent Co		100%			
ite Enclosure						
Free Standing Walls						
Cast in Place Concrete	100% Other Observation, Extent Location : Rear Courtya Explanation : Recent Co	rd	**			
Electrical	Current Repa	ir Future	Replacement	м	aintenance	
System						<b>D</b> • •
Component Type	% of Fail Date Esti Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Service Equipment Molded Case Bkrs	100% Other Observation, Extent Location : Electrical Roc Explanation : 300 Ampe	om	\$1,600 ted : 100%	5	\$300	
Raceway						
Conduit	95%	2027	\$31,500	1		
Conduit	5% 4+	2037	* *	1		
	Location : Roof	: Light, Area Affected : ot Supported Properly	50%			
Panelboards			50%			
Panelboards Fused Disc Sw	Location : Roof		<i>50%</i> \$15,800	5	\$200	
	Location : Roof Explanation : Conduit N 100% 40% 2-4 Insulation Aged, Extent : 1	ot Supported Properly 2026 \$11,700 2052 Moderate, Area Affected	\$15,800	5	\$200	
Fused Disc Sw Wiring Braided Cloth	Location : Roof Explanation : Conduit N 100% 40% 2-4 Insulation Aged, Extent : 1 Location : Throughout T	ot Supported Properly 2026 \$11,700 2052 Moderate, Area Affected The Building	\$15,800 * *		\$200	
Fused Disc Sw Wiring Braided Cloth Thermoplastic	Location : Roof Explanation : Conduit N 100% 40% 2-4 Insulation Aged, Extent : 1	ot Supported Properly 2026 \$11,700 2052 Moderate, Area Affected	\$15,800		\$200	
Fused Disc Sw Wiring Braided Cloth Thermoplastic Motor Controllers	Location : Roof Explanation : Conduit N 100% 40% 2-4 Insulation Aged, Extent : 1 Location : Throughout T 60%	ot Supported Properly 2026 \$11,700 2052 Moderate, Area Affected The Building 2047	\$15,800 ** 2:100% **	1		
Fused Disc Sw Wiring Braided Cloth <u>Thermoplastic</u> Motor Controllers Locally Mounted	Location : Roof Explanation : Conduit N 100% 40% 2-4 Insulation Aged, Extent : 1 Location : Throughout T	ot Supported Properly 2026 \$11,700 2052 Moderate, Area Affected The Building	\$15,800 * *	1	\$200	
Fused Disc Sw Wiring Braided Cloth Thermoplastic Motor Controllers	Location : Roof Explanation : Conduit N 100% 40% 2-4 Insulation Aged, Extent : 1 Location : Throughout T 60%	tot Supported Properly 2026 \$11,700 2052 Moderate, Area Affected The Building 2047 2025 LIFE	\$15,800 ** ': 100% ** \$32,000 **	1		

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

# QUEENS PUBLIC LIBRARY - 039 ROCHDALE VILLAGE BRANCH LIBRARY

### Asset # : 13311

Electrical		Current Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Lighting							
Interior Lighting							
Fluorescent	30%		2035	* *	10	\$2,800	
	-	And Fixtures, Extent : Light, : First Floor	Area Afj	fected : 100%			
LED	70%		2035	* *			
Egress Lighting							
Emergency, Battery	50%		2035	* *	10	\$1,200	
Exit, Service	50%		2035	* *	1		
Exterior Lighting							
HID	80%		2027	\$32,300	10		
Incandescent	20%	4+ \$700	2027	\$6,800	2		
moundoscent		ervation, Extent : Light, Area			2		
		: Exterior Rear					
		ion : Halogen Fixtures					
Jarm	Enpianai	ion : maiogen i ana es					
Security System							
Generic	100%		2035	* *	1	\$3,800	
Fire/Smoke Detection	10070		2055		1	\$5,000	
Generic, Digital	100%		2035	* *	1-3	\$6,200	
Generic, Digital	10070		2033		1-3	\$0,200	
Mechanical		Current Repair	Futur	e Replacement	N	aintenance	
	₽/ <b></b> £	Current Repair		e Replacement		laintenance	Duioui
		Fail Date Estimated Cost	Year	e Replacement Estimated Cost	Cycle	laintenance Estimated Cost	Priorit
System	% of Total						Priorit
System Component Type		Fail Date Estimated Cost	Year		Cycle		Priori
System Component Type		Fail Date Estimated Cost	Year		Cycle		Priori
System Component Type Jeating		Fail Date Estimated Cost	Year		Cycle		Priori
System Component Type leating Energy Source Natural Gas	Total	Fail Date Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment	<b>Total</b>	Fail Date Estimated Cost (Years)	Year FY 2047	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
System Component Type leating Energy Source Natural Gas	<b>Total</b> 100%	Fail Date (Years)     Estimated Cost       0-2     \$77,100	Year FY 2047 2047	Estimated Cost **	Cycle (Yrs)		Priori
System Component Type leating Energy Source Natural Gas Conversion Equipment	Total 100% 100% On Extend	Fail Date Estimated Cost (Years)         0-2       \$77,100         0-d Life, Extent : Moderate, A	Year FY 2047 2047	Estimated Cost **	Cycle (Yrs)	Estimated Cost	Priori
System Component Type Ieating Energy Source Natural Gas Conversion Equipment	Total 100% 0n Extend Location	Fail Date       Estimated Cost         (Years)       (Years)         0-2       \$77,100         ied Life, Extent : Moderate, A       : 1st Floor	Year FY 2047 2047 rea Affec	Estimated Cost ** ** teted : 100%	Cycle (Yrs)	Estimated Cost	Priori
System Component Type Ieating Energy Source Natural Gas Conversion Equipment	Total 100% 0n Extend Location Repairs In	Fail Date       Estimated Cost (Years)         0-2       \$77,100         ed Life, Extent : Moderate, A       : 1st Floor         Progress, Extent : Light, Are	Year FY 2047 2047 rea Affec	Estimated Cost ** ** teted : 100%	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Heating Energy Source <u>Natural Gas</u> Conversion Equipment Hot Water Boiler	Total 100% 0n Extend Location Repairs In	Fail Date       Estimated Cost         (Years)       (Years)         0-2       \$77,100         ied Life, Extent : Moderate, A       : 1st Floor	Year FY 2047 2047 rea Affec	Estimated Cost ** ** teted : 100%	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	Total 100% 0n Extend Location Repairs In Location	Fail Date       Estimated Cost (Years)         0-2       \$77,100         ed Life, Extent : Moderate, A       : 1st Floor         Progress, Extent : Light, Are	Year FY 2047 2047 rea Affecte a Affecte	Estimated Cost ** ** ** ** ** ** ** ** ** **	Cycle (Yrs)	Estimated Cost \$4,500	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	Total 100% 0n Extend Location Repairs In Location 100%	Fail Date Estimated Cost (Years)         0-2       \$77,100         Ide Life, Extent : Moderate, A         : 1st Floor         Progress, Extent : Light, Aree         : 1st Floor	Year FY 2047 2047 rea Affecte a Affecte 2043	Estimated Cost ** ** teted : 100%	Cycle (Yrs)	Estimated Cost	Priorit
System Component Type Ieating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	Total 100% 0n Extend Location Repairs In Location 100% Broken, Ex	Fail Date Estimated Cost (Years)         0-2       \$77,100         ed Life, Extent : Moderate, A         : 1st Floor         Progress, Extent : Light, Are         : 1st Floor         ctent : Moderate, Area Affected	Year FY 2047 2047 rea Affecte a Affecte 2043	Estimated Cost ** ** ** ** ** ** ** ** ** **	Cycle (Yrs)	Estimated Cost \$4,500	Priori
System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	Total 100% 0n Extend Location Repairs In Location 100% Broken, Ex	Fail Date Estimated Cost (Years)         0-2       \$77,100         Ide Life, Extent : Moderate, A         : 1st Floor         Progress, Extent : Light, Aree         : 1st Floor	Year FY 2047 2047 rea Affecte a Affecte 2043	Estimated Cost ** ** ** ** ** ** ** ** ** **	Cycle (Yrs)	Estimated Cost \$4,500	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	Total 100% 0n Extend Location Repairs In Location 100% Broken, Ex Location	Fail Date Estimated Cost (Years)         0-2       \$77,100         ed Life, Extent : Moderate, A         : 1st Floor         Progress, Extent : Light, Are         : 1st Floor         ctent : Moderate, Area Affected	Year FY 2047 2047 rea Affecte a Affecte 2043 ed : 50%	Estimated Cost ** ** eted : 100% **	Cycle (Yrs) 1 1 4	Estimated Cost \$4,500 \$500	Priorit
System Component Type leating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Total 100% 0n Extend Location Repairs In Location 100% Broken, Ex Location 80%	Fail Date Estimated Cost (Years)         0-2       \$77,100         ed Life, Extent : Moderate, A         : 1st Floor         Progress, Extent : Light, Are         : 1st Floor         ctent : Moderate, Area Affected	Year FY 2047 2047 rea Affecte a Affecte 2043 ed : 50% 2027	Estimated Cost ** ** ted : 100% ** ** \$112,500	Cycle (Yrs) 1 1 4 1	Estimated Cost \$4,500 \$500 \$5,000	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Air Handler	Total 100% 0n Extend Location Repairs In Location 100% Broken, Ex Location	Fail Date Estimated Cost (Years)         0-2       \$77,100         ed Life, Extent : Moderate, A         : 1st Floor         Progress, Extent : Light, Are         : 1st Floor         ctent : Moderate, Area Affected	Year FY 2047 2047 rea Affecte a Affecte 2043 ed : 50%	Estimated Cost ** ** eted : 100% **	Cycle (Yrs) 1 1 4	Estimated Cost \$4,500 \$500	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Air Handler	Total 100% 0n Extend Location Repairs In Location 100% Broken, Ex Location 80%	Fail Date Estimated Cost (Years)         0-2       \$77,100         ed Life, Extent : Moderate, A         : 1st Floor         Progress, Extent : Light, Are         : 1st Floor         ctent : Moderate, Area Affected	Year FY 2047 2047 rea Affecte a Affecte 2043 ed : 50% 2027	Estimated Cost ** ** ted : 100% ** ** \$112,500	Cycle (Yrs) 1 1 4 1	Estimated Cost \$4,500 \$500 \$5,000	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Air Handler Air Handler	Total 100% 0n Extend Location Repairs In Location 100% Broken, Ex Location 80% 20%	Fail Date Estimated Cost (Years)         0-2       \$77,100         ed Life, Extent : Moderate, A         : 1st Floor         Progress, Extent : Light, Are         : 1st Floor         ctent : Moderate, Area Affected	Year FY 2047 2047 rea Affecte 2043 ad : 50% 2027 2032	Estimated Cost	Cycle (Yrs) 1 1 4 1	Estimated Cost \$4,500 \$500 \$5,000	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Air Handler Air Conditioning	Total 100% 0n Extend Location Repairs In Location 100% Broken, Ex Location 80%	Fail Date Estimated Cost (Years)         0-2       \$77,100         ed Life, Extent : Moderate, A         : 1st Floor         Progress, Extent : Light, Are         : 1st Floor         ctent : Moderate, Area Affected	Year FY 2047 2047 rea Affecte a Affecte 2043 ed : 50% 2027	Estimated Cost ** ** ted : 100% ** ** \$112,500	Cycle (Yrs) 1 1 4 1	Estimated Cost \$4,500 \$500 \$5,000	Priorit
System Component Type Heating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Air Handler Air Conditioning Energy Source	Total 100% 0n Extend Location Repairs In Location 100% Broken, Ex Location 80% 20%	Fail Date Estimated Cost (Years)         0-2       \$77,100         ed Life, Extent : Moderate, A         : 1st Floor         Progress, Extent : Light, Are         : 1st Floor         ctent : Moderate, Area Affected	Year FY 2047 2047 rea Affecte 2043 ad : 50% 2027 2032	Estimated Cost	Cycle (Yrs) 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Estimated Cost \$4,500 \$500 \$5,000	Priorit
Type         Heating         Energy Source         Natural Gas         Conversion Equipment         Hot Water Boiler         Distribution         Hot Wtr Piping/Pump         Terminal Devices         Air Handler         Air Handler         Air Energy Source         Electricity	Total 100% 0n Extend Location Repairs In Location 100% Broken, Ex Location 80% 20%	Fail Date Estimated Cost (Years)         0-2       \$77,100         ed Life, Extent : Moderate, A         : 1st Floor         Progress, Extent : Light, Are         : 1st Floor         ctent : Moderate, Area Affected	Year FY 2047 2047 rea Affecte 2043 ad : 50% 2027 2032	Estimated Cost	Cycle (Yrs) 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Estimated Cost \$4,500 \$500 \$5,000	Priorit

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*
## QUEENS PUBLIC LIBRARY - 039 ROCHDALE VILLAGE BRANCH LIBRARY

#### Asset # : 13311

Mechanical	Current Repair	Future Replace	ment	М	aintenance	
System Component Type	% of Fail Date Estimated ( Total (Years)				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						
No Component	50%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,600	
Exhaust Fans					<b>† •</b> • • •	
Interior	50%	2032	* *	2	\$200	
Roof	50%	2032	* *	2	\$200	
Plumbing						
H/C Water Piping	1000/	2015	* *			
Brass/Copper	100%	2047	* *	1		
Water Heater	1000/	2025	tc 100	2	¢100	
Gas Fired	100%		\$6,100	2	\$100	
	Other Observation, Extent : Light,	Area Affected : 100%				
	Location : 1st Floor					
~ · · · · ·	Explanation : 50 Gallons					
Sanitary Piping	1000/		* *			
Cast Iron	100%	LIFE	~ ~	1		
Storm Drain Piping	1000/					
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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: SAINT ALBANS BRANCH LIBRARY	Y	
Address	: 191-05 LINDEN BLVD.		
Borough	: QUEENS	Agency's Number	: 53
Program / Asset #	: QPL0853.000 / 13312	Yr Built/Renovated	: 1969 / 2004
Area Sq Ft	: 7,062	Project Type	: QUEENS PUBLIC LIBRARY
Date of Survey	: 03-Jan-2019	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1		
Block	: 11062 Lot : 24	BIN	: 4238275

### CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$37,100			
Interior Architecture	\$15,000	\$3,700	\$6,900	\$600
Electrical	\$27,100	\$600	\$700	\$700
Mechanical	\$3,400	\$500	\$1,700	\$500
Total	\$82,600	\$4,700	\$9,200	\$1,700
Importance Code A	\$37,700		\$700	
Importance Code B	\$33,300	\$4,700	\$8,600	\$1,100
Importance Code C	\$11,600			\$600
Total	\$82,600	\$4,700	\$9,200	\$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.

### **QUEENS PUBLIC LIBRARY - 039** SAINT ALBANS BRANCH LIBRARY

#### Asset # : 13312

rchitecture		Current Repair	Futur	e Replacement	М	aintenance	
ystem Component	% of Total	Fail Date Estimated Cost (Years)		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Type							
xterior Exterior Walls							
Masonry: Brick	80%	4+ \$34,100	LIFE	* *	5	\$10,700	
Widsoniny. Direk		r Miss/Erod, Extent : Severe,		ected · 10%	5	\$10,700	
		: All Facades And Below W					
Metal Panel	5%		2050	**	5-10	\$4,600	
Pre-Cast Concrete	5%		LIFE	* *	5	\$4,300	
Window Wall	10%		2050	* *	5	\$5,000	
Windows	1070		2030		5	\$5,000	
Aluminum	100%		2046	* *	5	\$1,700	
	10070		2040		3	\$1,700	
Roof Under Construction	1000/						
	100%						
Soffits De Cont Connt	1000/		LIFE	* *	5		
Pre-Cast Concrete	100%		LIFE	-11-	5		
terior							
Floors	700/		2021	* *	2	¢11 100	
Carpet	70%		2031	* *	3	\$11,100	
Cast in Place Concrete	5%		LIFE	* *	5	\$2,300	
Mosaic Tile	5%		2043		5	\$1,300	
Vinyl Tile	20%		2038	* *	3	\$800	
Interior Walls					_		
Ceramic Tile	5%		2039	* *	5	\$1,100	
Concrete Masonry Unit	75%		LIFE	* *	5	\$13,400	
Gypsum Board	20%		LIFE	* *	5-10	\$7,600	
Ceilings							
AcousTileConcealSpLn	90%		2043	* *	5	\$11,900	
	-	place Evident, Extent : Light	, Area Aff	ected : 100%			
	Location	: Throughout					
Gypsum Board	10%		LIFE	* *	5-10	\$3,600	
te Pavements							
Public Sidewalk							
Cast in Place Concrete	100%		2043	* *			
On Cita Wallmann							
On-Sile walkways							
On-Site Walkways Cast in Place Concrete	100%		2043	* *			
	100%		2043	* *			
	100%	Current Repair		* * re Replacement	М	aintenance	
Cast in Place Concrete			Futur	e Replacement			Priorit
Cast in Place Concrete	100% % of Total	Current Repair Fail Date Estimated Cost (Years)	Futur			aintenance Estimated Cost	Priorit
Cast in Place Concrete	% of	Fail Date Estimated Cost	Futur Year	e Replacement	Cycle		Priori
Cast in Place Concrete electrical ystem Component Type	% of	Fail Date Estimated Cost	Futur Year	e Replacement	Cycle		Priori
Cast in Place Concrete ilectrical ystem Component Type nder 600 Volts	% of	Fail Date Estimated Cost	Futur Year	e Replacement	Cycle		Priorit
Cast in Place Concrete electrical ystem Component Type nder 600 Volts Service Equipment	% of Total	Fail Date Estimated Cost	Futur Year FY 2050	e Replacement Estimated Cost	Cycle (Yrs)		Priorit
Cast in Place Concrete electrical ystem Component Type nder 600 Volts Service Equipment	% of Total 100% Other Obs	Fail Date Estimated Cost (Years)	Futur Year FY 2050	e Replacement Estimated Cost	Cycle (Yrs)		Priori
Cast in Place Concrete electrical ystem Component Type nder 600 Volts Service Equipment	% of Total 100% Other Obs Location	Fail Date Estimated Cost (Years)	Futur Year FY 2050 a Affectea	* * 100%	Cycle (Yrs) 5		Priori
Cast in Place Concrete electrical ystem Component Type nder 600 Volts Service Equipment	% of Total 100% Other Obs Location	Fail Date       Estimated Cost         (Years)       (Years)         rervation, Extent : Light, Are       (Years)         : Electrical Room       (Years)	Futur Year FY 2050 a Affectea	* * 100%	Cycle (Yrs) 5		Priorit

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

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

## QUEENS PUBLIC LIBRARY - 039 SAINT ALBANS BRANCH LIBRARY

Asset # : 13312

		0	Asset # . 13					
Electrical		Current I			e Replacement		aintenance	
System Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Туре	1 Utal	(1 cars)		1 1		(113)		
Inder 600 Volts								
Raceway								
Conduit	90%			2030	\$29,800	1		
Conduit	10%			2050	* *	1		
Panelboards								
Molded Case Bkrs	90%			2029	\$14,200	5	\$200	
Molded Case Bkrs	10%			2046	* *	5		
Wiring	000/	2.4	<b>\$2</b> < <b>1</b> 00	2055	ىك ىك	1		
Braided Cloth	90%	2-4	\$26,400	2055	**	1		
		-	ent : Moderate, Are	a Affecte	ed : 100%			
		: Inrougn	out The Building					
Thermoplastic	10%			2050	* *	1		
Motor Controllers	1000/							
Variable Frequency	100%			2043	* *			
Drive								
bround								
Grounding Devices Generic	100%			LIFE	* *	5	\$200	
	10070			LIFE		3	\$200	
ighting Interior Lighting								
Fluorescent	5%			2035	* *	10	\$300	
Thorescent		luorescen	t Light, Extent : Lig		Affected : 100%	10	\$500	
	Location		. 218.11, 211011 - 218	,,	1			
LED	95%	2		2038	* *			
Egress Lighting	7570			2050				
Emergency, Battery	50%			2030	\$5,000	10	\$900	
Exit, Service	50%			2030	\$500	1	φ)00	
Exterior Lighting	2070			2020	4200	1		
HID	30%			2025	\$8,500	10		
No Component	70%			2020	\$0,000	10		
Jarm	,							
Security System								
No Component	30%							
Generic	70%			2035	* *	1	\$1,900	
		ervation, E	Extent : Light, Area		: 100%			
	Location	: Reading	Areas And Front C	)f The Bi	uilding			
	Explanat	ion : CCT	V Surveillance Can	ieras				
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *	1-3	\$4,400	
			Extent : Light, Area	Affected	: 100%			
			out The Building					
	Explanat	ion : Alarn	n Bells. Manual Pu	ll Station	is. Smoke Detector	s. Strobe	Lights And Horns	

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

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.

### QUEENS PUBLIC LIBRARY - 039 SAINT ALBANS BRANCH LIBRARY

#### Asset # : 13312

Mechanical	Current R	epair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating							
Energy Source							
Natural Gas	100%		2050	* *	1		
<b>Conversion Equipment</b>							
Radiant Heater	100%		2035	* *	2	\$3,300	
	Other Observation, E.			: 100%			
	Location : Basemen						
	Explanation : 4 Gas	Fired Hot Water	Heaters I	Mounted On Side C	)f Air Ha	Indler	
Terminal Devices	1000/		• • • •			<b>.</b>	
Air Handler	100%		2035	* *	1	\$4,400	
Air Conditioning							
Energy Source	1000/		2046	* *	1		
Electricity	100%		2046	<u>ት</u> ች	1		
Conversion Equipment	1000/						
Not Accessible	100%	· · · · · · · ·	ACC ( 1	00/			
	Other Observation, E.	xtent : Light, Area	Affectea	: 0%			
	Location : Roof	:	C D	T. C			
Distribution	Explanation : Not A	ccessible 10 The R	.00J Due	To Construction In	i Frogre.	55.	
Not Accessible	100%						
Terminal Devices	100%						
Air Handler/Dir	100%		2035	* *	1		
Expansion	100%		2055		1		
Heat Rejection							
Not Accessible	100%						
/entilation	10070						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,200	
Exhaust Fans	10070		LIIL		2.5	\$0,200	
Interior	50%		2035	* *	2	\$100	
Not Accessible	50%		2000		2	\$100	
Plumbing	2070						
H/C Water Piping							
Brass/Copper	100%		2050	* *	1		
Water Heater					-		
Gas Fired	100%		2028	\$4,300	2	\$100	
Sanitary Piping				\$ .,2 30		÷100	
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.* 

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: SEASIDE BRANCH LIBRARY		
Address	: 116-15 ROCKAWAY BEACH BLVD.		
Borough	: QUEENS	Agency's Number	: SE
Program / Asset #	: QPL0S54.000 / 13313	Yr Built/Renovated	: 1980 / 2001
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 2021 - 2024	FY 2025 - 2030
Exterior Architecture		\$95,000
Interior Architecture		\$171,800
Electrical		\$152,600
Total		\$419,300
Importance Code A		\$95,000
Importance Code B		\$324,400
Total		\$419,300

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$19,000			
Interior Architecture	\$1,500		\$200	\$1,200
Electrical	\$600	\$4,600	\$400	\$500
Mechanical	\$21,400	\$9,000	\$4,800	\$2,600
Total	\$42,500	\$13,600	\$5,300	\$4,400
Importance Code A	\$19,400	\$400	\$400	\$400
Importance Code B	\$23,000	\$13,200	\$5,000	\$4,000
Importance Code C	\$100			
Total	\$42,500	\$13,600	\$5,300	\$4,400



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

#### Asset # : 13313

Architecture		Current Rep	pair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$4,500	
		irfaces, Exten : Panels Ove	t : Light, Area A r Windows	Iffected :	100%			
Cast in Place Concrete	5%			LIFE	* *	5	\$4,500	
	0	Discoloring, E: : Base Of Ext	xtent : Light, Ar terior Wall	ea Affect	ed : 40%			
Concrete Masonry Unit	90%			LIFE	* *	5	\$10,000	
	Jnt Morta	r Miss/Erod, E	Extent : Light, A	rea Affec	eted : 20%			
	Location	: Throughout	t					
			ent : Light, Area					
			Exposed Aggreg	ate Block	ks			
	Explana	tion : Special	CMU					
Windows	1000/					_	<b>† •</b> • •	
Aluminum	100%			2035	* *	5	\$300	
Parapets	000/			LIPP	* *	-	<b>#2 2</b> 00	
Masonry: Brick	90%			LIFE	* *	5	\$2,200	
No Component	10%							
Roof	1000/	2.4	¢10.000	2026	¢05.000	F	¢10,100	
Roll Roofing	100%		\$19,000 ate, Area Affect	2026	\$95,000	5	\$18,100	
		: At Seams	ale, Area Affect	eu . 5070				
nterior	Locuiton	. Il Scans						
Floors								
Carpet	3%			2026	\$4,400	3	\$500	
Cast in Place Concrete	5%			LIFE	**	5	\$1,200	
Ceramic Tile	2%			2036	* *	5	\$200	
Vinyl Tile	90%			2027	\$88,000	3	\$4,900	
Interior Walls	2070			2027	\$00,000	5	\$ 1,500	
Ceramic Tile	5%			2036	* *	5	\$300	
Concrete Masonry Unit	95%			LIFE	* *	5	\$2,100	
Ceilings								
AcousTileSusp.Lay-In	90%			2025	\$83,800	5	\$9,800	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	\$700	
ite Enclosure								
Fence/Gates								
Iron Picket	100%			2062	* *			
ite Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
Electrical		Current Rep	pair	Futur	e Replacement	M	aintenance	
System	% of	Fail Date E	stimated Cost	Year	<b>Estimated</b> Cost	Cycle	<b>Estimated</b> Cost	Priorit

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 Velta				

Under 600 Volts

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

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

#### Asset # : 13313

	A3	Sel # . 13313				
Electrical	Current Repa	ir Futur	e Replacement	М	laintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts						
Service Equipment						
Not Accessible	100%					
Switchgear / Switchboard						
Molded Case Bkrs	100%	2037	* *	5	\$200	
Raceway						
Conduit	60%	2037	* *	1		
Conduit	40%	2027	\$13,300	1		
Panelboards						
Molded Case Bkrs	70%	2035	* *	5	\$100	
Molded Case Bkrs	30%	2026	\$4,700	5	\$100	
Wiring Thermoplastic	100%	2037	* *	1		
Motor Controllers						
Locally Mounted	80%	2032	* *	5		
Locally Mounted	20%	2025	\$3,200	5		
Ground						
Grounding Devices	1000/			_	<b>* 1 0 0</b>	
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location : Water Main					
• 1	Explanation : Connected	d To Main Water Pipe				
ighting						
Interior Lighting Fluorescent	95%	2027	\$73,100	10	\$6,300	
Fuorescent	T-12 Lamps And Fixtures,			10	\$0,500	
	Location : Throughout	Extent . Eigni, mea n	<i>Jecica</i> . 10070			
In a second		2022	\$2.900	2		
Incandescent	5% Other Observation, Exten	2022	\$3,800	2		
	Location : Throughout	i . Ligni, Area Ajjeciea	. 10070			
	Explanation : Downligh	tina				
Egress Lighting	Explanation . Downligh	ung				
Egress Lighting Exit, Service	50%	2032	* *	1		
Exit, Battery	50%	2032	* *	10	\$200	
Exterior Lighting	5070	2052		10	\$200	
HID	100%	2027	\$29,000	10		
Alarm	10070	2021	\$27,000	10		
Fire/Smoke Detection						
Generic, Analog	100%	2027	\$79,500	1-3	\$4,600	
	100/0	2027	\$75,500		\$ 1,000	
Mechanical	Current Repa	ir Futur	e Replacement	Μ	laintenance	
System	% of Fail Date Est		Estimated Cost		<b>Estimated</b> Cost	Priorit
Component Type	Total (Years)	FY	Estimated COSt	(Yrs)	Estimated Cost	TIOIN
Ieating	1	I				
Energy Source						
Natural Gas	100%	2047	* *	1		
		2017		-		

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

Asset # : 13313

Machanical		Assel # :					
Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ieating							
Conversion Equipment							
Hot Water Boiler	100%		2040	* *	1	\$3,600	
Distribution							
Hot Wtr Piping/Pump	100%		2043	* *	4	\$400	
Terminal Devices							
Air Handler	100%	4+ \$20,200		* *	1	\$4,000	
		ent, Extent : Moderate, Are : Mechanical Room	ea Affected :	100%			
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	100%		2032	* *	1	\$4,500	
	Leak Evide	ent, Extent : Moderate, Are	ea Affected :	100%			
	Location	: Mechanical Room					
Heat Rejection							
Dry Cooler	100%		2032	* *	2	\$5,100	
entilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,000	
Exhaust Fans	1000/		2027	¢11.000	•	<b>#2</b> 00	
Roof	100%		2027	\$11,900	2	\$200	
lumbing							
H/C Water Piping Galvanized Steel	1000/		2040	* *	1		
Water Heater	100%		2040		1		
Electric	100%		2022	\$6,300	4	\$100	
Electric		ervation, Extent : Light, Ai			4	\$100	
		: Mechanical Room	ей Ајјестей	. 10070			
		tion : 1-30 Gallon					
Sanitary Piping	влрини	ion i 1 20 Gunon					
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	10070		211 0		-		
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer					-		
No Component	95%						
Generic	5%		2032	* *	1		
		ervation, Extent : Light, Ar		: 100%			
		: Mechanical Room					
	Explanat	tion : Boiler					
Fixtures							
Generic	100%						

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

#### Asset # : 13313

Mechanical	Current Repair	Future Repl	acement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression		-				
Sprinkler						
No Component	95%					
Generic	5%	2047	* *	1-2	\$100	
	Other Observation, Extent : Light	t, Area Affected : 10%				
	Location : 1st Floor					
	Explanation : Over Book Return	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.

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: SOUTH HOLLIS BRANCH LIBRARY	Y	
Address	: 204-01 HOLLIS AVE.		
Borough	: QUEENS	Agency's Number	: SH
Program / Asset #	: QPL0855.000 / 13314	Yr Built/Renovated	: 1974 / 2008
Area Sq Ft	: 6,330	<b>Project Type</b>	: 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 2021 - 2024		FY 2025 - 2030
Exterior Architecture		\$38,600		
Interior Architecture				\$72,400
Electrical				\$116,300
Mechanical				\$158,300
Total		\$38,600		\$347,000
Importance Code A		\$38,600		
Importance Code B				\$347,000
Total		\$38,600		\$347,000
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$31,800	\$1,200		
Interior Architecture	\$1,600			\$5,300
Electrical	\$3,800	\$5,400	\$600	\$700
Mechanical	\$7,600	\$4,600	\$2,400	\$800
Total	\$44,800	\$11,100	\$3,000	\$6,700
Importance Code A	\$38,100	\$1,600	\$300	\$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.* 

### QUEENS PUBLIC LIBRARY - 039 SOUTH HOLLIS BRANCH LIBRARY

#### Asset # : 13314

rchitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls Masonry: Brick	05%	Now	\$38,600	LIFE	* *	5	\$12,100	
Masoni y. Drick	Corrosion	Rusting, E.	xtent : Moderate, A adow Lintels Throu	1rea Affe		5	\$12,100	
Window Wall	5%			2047	* *	5	\$2,400	
Windows Aluminum	Other Obs	Now ervation, E : Through	\$31,800 Extent : Light, Area put	2052 Affected	* * !: 100%	5	\$400	
	Explanat	ion : Thern	nally Inefficient					
Roof Modified Bitumen	100%			2035	* *	10	\$18,900	
erior	10070			2033		10	\$18,900	
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$2,100	
Ceramic Tile	5%			2036	* *	5	\$500	
Vinyl Tile	85%			2027	\$72,400	3	\$4,000	
Interior Walls								
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								
AcousTileSusp.Lay-In	90%			2044	* *	5	\$8,500	
	-	place Evide : Through	ent, Extent : Light, . out	Area Aff	ected : 100%			
Exposed Struc: Steel	10%			LIFE	* *			
ectrical		Current F	Repair	Futur	e Replacement	М	aintenance	
stem	% of		Estimated Cost		Estimated Cost		Estimated Cost	Priorit
Component Type	Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	111011
der 600 Volts								
Service Equipment Molded Case Bkrs	Location	: Electrica	xtent : Light, Area I Room Disconnect Switch			5	\$200	
Switchgear / Switchboard	Lapland							
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	\$4,700	5	\$100	

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

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

## **QUEENS PUBLIC LIBRARY - 039** SOUTH HOLLIS BRANCH LIBRARY

Asset # : 13314

			A55et # . 13	514				
Electrical		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Motor Controllers								
Locally Mounted	100%			2032	* *	5		
Ground								
Grounding Devices								
Generic	Location	: Water M	\$3,000 Extent : Moderate, 2 Gain nd Wire Outer Jack			5 Connect	\$100 ion To Ground	
Lighting	etump:							
Interior Lighting								
Fluorescent	29%			2032	* *	10	\$1,700	
		luorescent : First Flo	Light, Extent : Lig or	ght, Area	Affected : 100%			
Fluorescent	-	s And Fixt : First Flo	ures, Extent : Ligh or	2027 t, Area Ą	\$46,900 ffected : 100%	10	\$4,100	
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	\$69,400	1-3	\$4,000	
Mechanical		Current F			e Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Ieating								
Energy Source								
Natural Gas	100%			2047	* *	1		
Conversion Equipment								
Hot Water Boiler	75%			2040	* *	1	\$2,400	
Hot Water Boiler		Now	\$6,000	2044	* *	1	\$700	
		Progress, : Basemen	Extent : Light, Are t	a Affecte	d : 100%			
Distribution							•	
Hot Wtr Piping/Pump		ed, Extent : Basemen	: Light, Area Affec t	2043 cted : 309	* *	4	\$300	
Terminal Devices								
Air Handler	100%			2027	\$88,200	1	\$3,900	
Air Conditioning								

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

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

## QUEENS PUBLIC LIBRARY - 039 SOUTH HOLLIS BRANCH LIBRARY

#### Asset # : 13314

Mechanical	Current Repair	Future Replace	ement	М	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2043	* *	1		
Terminal Devices						
Air Handler/Dir	100%	2027 \$	70,100	1		
Expansion						
Heat Rejection						
Air Cooled Condenser	100%	2027 \$	12,600	2	\$4,400	
Unit						
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$3,500	
Exhaust Fans						
Roof	100%	2027 \$	10,400	2	\$200	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2047	* *	1		
Water Heater						
Gas Fired	100%		\$3,800	2	\$100	
	Other Observation, Extent : Light, 2	Area Affected : 100%				
	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	\$1,000	4	\$100	
Backflow Preventer						
Generic	100%	2032	* *	1	\$400	
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.

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address	<ul> <li>SOUTH JAMAICA BRANCH LIBRA</li> <li>108-41 GUY R. BREWER BLVD. JAM</li> </ul>		
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 2021 - 2024	FY 2025 - 2030
Exterior Architecture		\$81,000
Total		\$81,000
Importance Code A		\$81,000
Total		\$81,000

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture		\$4,400	\$2,300	
Interior Architecture	\$6,800		\$3,300	
Electrical	\$300	\$10,800	\$500	\$300
Mechanical	\$900	\$1,000	\$3,500	\$1,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$12,000	\$20,100	\$13,400	\$5,300
Importance Code A	\$700	\$5,100	\$3,000	\$700
Importance Code A Importance Code B	\$700 \$10,900	\$5,100 \$14,900	\$3,000 \$10,500	\$700 \$4,600
*	4,	+-)	4 - J	* · · ·



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

### **QUEENS PUBLIC LIBRARY - 039** SOUTH JAMAICA BRANCH LIBRARY

#### Asset # : 13394

	Current Repair	Eutu	e Replacement	м	aintenance	
0 (     0			-			
% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
70%		LIFE	* *	5	\$10,900	
15%		LIFE	* *	5	\$7,600	
15%		2047	* *	5	\$8,800	
95%		2043	* *	5	\$4,500	
5%		2036	* *	10	\$1,500	
50%		LIFE	* *	5	\$400	
50%		LIFE	* *	5	\$2,600	
30%		LIFE	* *	5	\$81,000	
70%						
30%		2026	\$88,000	3	\$9,800	
10%		LIFE	* *	5	\$4,800	
60%		2036	* *	5	\$13,000	
5%		2036	* *	5	\$600	
80%		LIFE	* *	5	\$3,800	
			* *			
5%		LIFE	* *		·	
80%		2040	* *	5	\$17,400	
			* *	-	+ - )	
			* *	5	\$4,100	
				-	+ )	
	Current Repair	Futur	re Replacement	Μ	aintenance	
% of			-			Priorit
% of Total	<b>Current Repair</b> Fail Date Estimated Cost (Years)		re Replacement Estimated Cost		aintenance Estimated Cost	Priorit
	Fail Date Estimated Cost	t Year	-	Cycle		Priorit
	Fail Date Estimated Cost	t Year	-	Cycle		Priorit
	Fail Date Estimated Cost (Years)	t Year	-	Cycle		Priorit
<b>Total</b>	Fail Date Estimated Cost (Years)	t Year FY 2047	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Total 100% Other Obs	Fail Date Estimated Cost (Years)	t Year FY 2047	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Total 100% Other Obs Location	Fail Date Estimated Cost (Years) servation, Extent : Moderate,	2047 Area Affe	Estimated Cost ** ected : 100%	Cycle (Yrs)	Estimated Cost	Priorit
Total 100% Other Obs Location	Fail Date Estimated Cost (Years) servation, Extent : Moderate, a : Electrical Room	2047 Area Affe	Estimated Cost ** ected : 100%	Cycle (Yrs)	Estimated Cost	Priorit
Total 100% Other Obs Location	Fail Date Estimated Cost (Years) servation, Extent : Moderate, 1 : Electrical Room tion : One 1200 Amperes Mo	2047 Area Affe	Estimated Cost ** ected : 100%	Cycle (Yrs)	Estimated Cost	Priorit
Total 100% Other Obs Location Explana	Fail Date Estimated Cost (Years) servation, Extent : Moderate, 1 : Electrical Room tion : One 1200 Amperes Mo	t Year FY 2047 , Area Affe	Estimated Cost ** ected : 100%	Cycle (Yrs) 5	Estimated Cost \$100	Priorit
Total 100% Other Obs Location Explana	Fail Date Estimated Cost (Years) servation, Extent : Moderate, n : Electrical Room tion : One 1200 Amperes Ma	t Year FY 2047 , Area Affe	Estimated Cost ** ected : 100%	Cycle (Yrs) 5	Estimated Cost \$100	Priorit
Total 100% Other Obs Location Explana 100%	Fail Date Estimated Cost (Years) servation, Extent : Moderate, n : Electrical Room tion : One 1200 Amperes Ma	t Year FY 2047 , Area Affe ain Discon 2047	Estimated Cost ** ected : 100% mect Switch **	Cycle (Yrs) 5 5	Estimated Cost \$100	Priorit
Total 100% Other Obs Location Explana 100%	Fail Date Estimated Cost (Years) servation, Extent : Moderate, 1 : Electrical Room tion : One 1200 Amperes Ma	t Year FY 2047 , Area Affe ain Discon 2047	Estimated Cost ** ected : 100% mect Switch **	Cycle (Yrs) 5 5	Estimated Cost \$100	Priorit
Total 100% Other Obs Location Explana 100%	Fail Date Estimated Cost (Years) servation, Extent : Moderate, 1 : Electrical Room tion : One 1200 Amperes Mo	t Year FY 2047 , Area Affe ain Discon 2047 2047	Estimated Cost ** ected : 100% mect Switch ** **	Cycle (Yrs) 5 5 1	Estimated Cost \$100	Priorit
Total           100%           Other Obs           Location           Explana           100%           100%           5%	Fail Date Estimated Cost (Years) servation, Extent : Moderate, 1 : Electrical Room tion : One 1200 Amperes Mo	t Year FY 2047 Area Affe 2047 2047 2043	Estimated Cost ** ected : 100% mect Switch ** **	Cycle (Yrs) 5 5 1 5	Estimated Cost \$100 \$100	Priorit
	70% 15% 15% 95% 5% 50% 50% 30% 70% 30% 10% 60% 5% 80% 10%	Total         (Years)           70%         15%           15%         95%           95%         5%           50%         50%           30%         30%           10%         60%           5%         80%           80%         5%	% of Total         Fail Date (Years)         Estimated Cost FY         Year FY           70%         LIFE         LIFE         LIFE           15%         2047         2047           95%         2043         2036           50%         LIFE         2036           50%         LIFE         15%           30%         LIFE         15%           30%         2026         10%           10%         LIFE         2036           5%         2026         10%           10%         LIFE         2036           5%         2036         2026           10%         LIFE         2036           5%         2040         LIFE           10%         LIFE         10%           5%         2036         2036	% of Total         Fail Date (Years)         Estimated Cost FY         Estimated Cost FY           70%         LIFE         **           15%         LIFE         **           15%         2047         **           95%         2043         **           50%         2043         **           50%         LIFE         **           30%         2026         \$888,000           10%         LIFE         **           5%         2036         **           80%         LIFE         **           80%         LIFE         **           80%         2040         **           80%         LIFE <t*< td="">           80%         2040         **</t*<>	$\frac{\% \text{ of }}{\text{Total}}$ Fail Date Estimated Cost FYYear FYEstimated Cost FYCycle (Yrs) $70\%$ LIFE**5 $15\%$ LIFE**5 $15\%$ 2047**5 $95\%$ 2043**5 $95\%$ 2036**10 $50\%$ LIFE**5 $30\%$ LIFE**5 $30\%$ LIFE**5 $30\%$ LIFE**5 $30\%$ LIFE**5 $5\%$ 2036**5 $5\%$ 2036**5 $5\%$ 2036**5 $5\%$ 2036**5 $5\%$ 2036**5 $5\%$ 2036**5 $5\%$ LIFE**5 $5\%$ 2036**5 $80\%$ LIFE**5 <td< td=""><td>% of Total         Fail Date (Years)         Estimated Cost FY         Estimated Cost FY         Cycle (Yrs)         Estimated Cost (Yrs)           70%         LIFE         **         5         \$10,900           15%         LIFE         **         5         \$7,600           15%         2047         **         5         \$88,800           95%         2043         **         5         \$4,500           5%         2036         **         10         \$1,500           50%         LIFE         **         5         \$400           50%         2026         \$88,000         3         \$9,800           10%         LIFE         **         5         \$13,000           5%         2036         **         5         \$13,000           5%         2036         **         5         \$3,800           10%         LIFE         **</td></td<>	% of Total         Fail Date (Years)         Estimated Cost FY         Estimated Cost FY         Cycle (Yrs)         Estimated Cost (Yrs)           70%         LIFE         **         5         \$10,900           15%         LIFE         **         5         \$7,600           15%         2047         **         5         \$88,800           95%         2043         **         5         \$4,500           5%         2036         **         10         \$1,500           50%         LIFE         **         5         \$400           50%         2026         \$88,000         3         \$9,800           10%         LIFE         **         5         \$13,000           5%         2036         **         5         \$13,000           5%         2036         **         5         \$3,800           10%         LIFE         **

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

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

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

### QUEENS PUBLIC LIBRARY - 039 SOUTH JAMAICA BRANCH LIBRARY

#### Asset # : 13394

		A5561 # . I.	5594				
Electrical	Cu	Current Repair Future Replacement Maintenance					
System Component Type		il Date Estimated Cost ′ears)	Year FY	Estimated 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 Observe	ation, Extent : Light, Arec	a Affected	: 100%			
	Location : T	hroughout The Building					
	Explanation	: T-8 Lamps					
Fluorescent	10%		2032	* *	10	\$1,300	
	-	rescent Light, Extent : M	oderate, 2	Area Affected : 100	)%		
	Location : T	hroughout The Building					
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	Ci	urrent Repair	Futur	e Replacement		aintenance	
System Component Type		il Date Estimated Cost l'ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Heating							
Energy Source							
Natural Gas	100%		2053	* *	1		
Conversion Equipment	10070		2033		1		
Furnace	100%		2035	* *	1	\$7,200	
Distribution	10070		2055		1	\$7,200	
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$8,100	
Air Conditioning	10070				2.5	\$0,100	
Energy Source							
Electricity	100%		2049	* *	1		
Conversion Equipment	10070		20 <b>4</b> 7		1		
Exterior Pkg Unit -	100%		2032	* *	2	\$900	
	100/0		2032		2	\$200	

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

Cooling

### QUEENS PUBLIC LIBRARY - 039 SOUTH JAMAICA BRANCH LIBRARY

#### Asset # : 13394

Mechanical	Current Repair	Future Rep	placement	М	Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Terminal Devices						
Air Handler/Dir	100%	2035	* *	1		
Expansion						
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	\$8,800	2	\$200	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Non-Submersible	100%	2032	* *	4	\$300	
Sewage Ejector(s)						
Electric	100%	2035	* *	4	\$600	
Backflow Preventer						
No Component	40%					
Generic	60%	2035	* *	1	\$500	
	Other Observation, Extent : Lig		0			
	Location : Fire Main And Bot	ler Feed				
	Explanation : Partial					
Fixtures	1000/					
Generic	100%					
Vertical Transport						
Elevators	1000/	LIED	* *			
Hydraulic	100% Other Observation, Extent : Lis	LIFE				
	Location : Basement To 1st F		1%0			
		loor				
F. <u>0</u> .	Explanation : One Unit					
Fire Suppression						
Sprinkler	95%					
No Component	95% 5%	2047	* *	1.2	\$200	
Generic	370	2047		1-2	\$200	

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

\$6,100

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address		DZONE PARK BRANCH DCKAWAY BLVD.	LIBRARY		
Aduress Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed Block	: 128-16 K : QUEENS : QPL0S57 : 7,420 : 31-Mar-2 : Roof, Floo : 16948	.000 / 13315 016	Agency's Number Yr Built/Renovated Project Type Landmark Status BIN	: SZ : 1974 / 2001 : QUEENS PUBLIC LIF : NONE : 4254814	BRARY
CAPITAL			FY 2021 - 2024		FY 2025 - 2030
Electrical Mechanical			\$77,000		\$72,400
Total			\$77,000		\$72,400
Importance Code	В		\$77,000		\$72,400
Total			\$77,000		\$72,400
EXPENSE		FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture	\$66,700	\$1,300		
Interior Architect	ture	\$105,500		\$300	\$3,900
Electrical		\$400	\$25,100	\$400	\$400
Mechanical		\$2,300	\$26,800	\$1,900	\$1,900
Total		\$174,900	\$53,200	\$2,600	\$6,100
Importance Code	A	\$67,100	\$1,800	\$400	\$400
Importance Code	В	\$107,600	\$51,400	\$2,200	\$5,700
Importance Code	C	\$200			



\$53,200

\$2,600

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

\$174,900

Total

#### Asset # : 13315

chitecture	Current Repair Future Replacement					Maintenance		
stem Component Type	% of Fail D Total (Year	ate Estimated Cost 's)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
erior	4							
Exterior Walls								
Masonry: Brick	85% Now	\$33,300	LIFE	* *	5	\$10,400		
	Broken/Missing E	lements, Extent : Seve	re, Area A	Affected : 10%				
	Location : North	west And Northeast C	Corners N	ear Entrance				
	Loose/Delam Sur	face, Extent : Moderat	e, Area A	ffected : 10%				
	Location : North	west And Northeast C	Corners N	ear Entrance				
		n, Extent : Light, Area						
	Location : North	west And Northeast C	Corners N	ear Entrance				
	Explanation : Se	afety Netting Applied T	To Areas	Where Masonry Is	Delamin	nating		
Metal Coiling Doors	10%		2040	* *	5	\$3,800		
Window Wall	5%		2037	* *	5	\$2,300		
		n, Extent : Light, Area	Affected	: 100%				
	Location : Thro	0						
	Explanation : T	hermally Inefficient						
Windows	<b>- - - /</b>		0005	ala ala	-	<b>#=</b> 00		
Aluminum	75%		2035	* *	5	\$700		
		n, Extent : Light, Area	Affected	: 100%				
	Location : Thro	-						
		hermally Inefficient		ala ala		<b>#2</b> 00		
Glass Block	25% 2-4	\$2,600	LIFE	* *	5	\$200		
	Location : At C	Erod, Extent : Moderat	ie, Area A	IJectea : 50%				
		erestory n, Extent : Light, Area	Affacted	. 300/				
	Location : At C		Ајјестеи	. 5070				
		erimeter Caulking Rec	onth, Ron	laced				
Parapets	Explanation : 1	erimeter Caaiking Ree	enity hep	racea.				
Masonry: Brick	90%		LIFE	* *	5	\$1,400		
Metal Panel	5%		2047	* *	5	\$300		
Slate	5% 0-2	\$200	LIFE	* *	5	\$100		
	Jnt Mortar Miss/I	Erod, Extent : Light, A	rea Affeci	ted : 100%				
	Location : Thro	ughout						
Roof								
Modified Bitumen	100% Now		2032	* *				
		Moderate, Area Affect	ed : 10%					
		h Section Of Roof	100 (					
	0	Light, Area Affected :						
		Located On North Sid						
		n, Extent : Moderate, A			Work A-	10.00		
		Community Room, Co			W OFK AF	eus		
		n, Extent : Light, Area Side Of Clerestory	Ajjecied	. 270				
			aning Or	One Side Of Class	stow.			
erior	Explanation : M	etal Cap Flashing Mi	ssing On	one side Of Ciere	siory			

Interior

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

#### Asset # : 13315

chitecture	Current Repair			Futur	e Replacement	М	aintenance		
tem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Prior	
rior									
Floors									
Carpet	Punct/Tea Location Staining/E Location	: Main Rea Discoloring, : Through	Extent : Moderate	e, Area Aj	ffected : 40%	3	\$11,700		
		: Through		Ајјестеа	100%				
Ceramic Tile	5%	· in ough		2036	* *	5	\$600		
Vinyl Tile	25%			2036	* *	3	\$600 \$1,000		
Interior Walls	2370			2032		5	\$1,000		
Ceramic Tile	5%			2036	* *	5	\$400		
Concrete Masonry Unit	85%			LIFE	* *	5	\$2,800		
Plaster	10%			LIFE	* *	5	\$200		
	Water Pen	etration, E. : Clerestor	xtent : Light, Area Ƴ		: 1%	C	¢200		
Ceilings									
AcousTileSusp.Lay-In	Location Water Pen	: Through etration, E.	xtent : Moderate, A	1rea Affe		5 Areas	\$9,800		
Exposed Struc: Steel	5%	·· commun	ily Room, Compan	LIFE	**	. III cus			
Plaster	10%			LIFE	* *	5	\$700		
	1070			LIIL		5	\$700		
ectrical		Current F	Repair	Futur	e Replacement	М	aintenance		
tem Component Type	% of Total		Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Prior	
ler 600 Volts									
			xtent : Light, Area	2027 Affected	\$1,600 : 100%	5	\$200		
ler 600 Volts Service Equipment	Other Obs Location	: Electrica	l Room			5	\$200		
ler 600 Volts Service Equipment Molded Case Bkrs	Other Obs Location		l Room			5	\$200		
ler 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs	Other Obs Location	: Electrica	l Room			5	\$200 \$200		
ler 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit	Other Obs Location Explanat	: Electrica	l Room	Affected	: 100%				
ler 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards	Other Obs Location Explanat 100%	: Electrica	l Room	Affected 2027 2037	\$34,200 **	5	\$200		
ler 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw	Other Obs Location Explanat 100% 30%	: Electrica	l Room	Affected 2027 2037 2035	\$34,200 ** **	5 1 5	\$200		
ler 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Other Obs Location Explanat 100% 100%	: Electrica	l Room	Affected 2027 2037 2035 2026	\$34,200 ** ** \$7,900	5 1 5 5	\$200		
ler 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	Other Obs Location Explanat 100% 30%	: Electrica	l Room	Affected 2027 2037 2035	\$34,200 ** **	5 1 5	\$200		
ler 600 Volts Service Equipment Molded Case Bkrs Switchgear / Switchboard Molded Case Bkrs Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Other Obs Location Explanat 100% 100%	: Electrica	l Room	Affected 2027 2037 2035 2026	\$34,200 ** ** \$7,900	5 1 5 5	\$200		

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

#### Asset # : 13315

		Asset # : 13				• .	
Electrical	-			e Replacement		aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
round							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	
		ervation, Extent : Moderate, A	4rea Affe	ected : 100%			
		: First Floor					
	Explana	tion : No Ground Wire Jumpin	ıg Water	Meter			
ighting							
Interior Lighting	0.00/		2022	¢77.000	10	¢ ( 700	
Fluorescent	98% Others Obs	amustion Entont Light Anos	2022	\$77,000	10	\$6,700	
		ervation, Extent : Light, Area : Throughout The Building	Ајјестей	. 100%			
In complete and	_	tion : T12 Lamps	2022	\$1.600	2		
Incandescent	2%		2022	\$1,600	2		
Egress Lighting Emergency, Battery	50%		2027	\$5,300	10	\$900	
Emergency, Battery	50%		2027	\$5,300	10	\$900 \$900	
Exterior Lighting	3076		2027	\$3,300	10	\$900	
HID	10%		2032	* *	10		
LED	40%		2032	\$13,600	10		
No Component	50%		2027	\$15,000			
larm	5070						
Security System							
Generic	100%		2035	* *	1	\$2,800	
Fire/Smoke Detection						+_,	
No Component	80%						
Generic, Analog	20%		2022	\$16,300	1-3	\$900	
Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
Mechanical System	% of	Current Repair Fail Date Estimated Cost		e Replacement Estimated Cost		aintenance Estimated Cost	Priority
Mechanical System Component	% of Total						Priority
Mechanical System Component Type		Fail Date Estimated Cost	Year		Cycle		Priorit
Mechanical System Component Type Ieating		Fail Date Estimated Cost	Year		Cycle		Priorit
Mechanical System Component Type leating Energy Source	Total	Fail Date Estimated Cost	Year FY		Cycle (Yrs)		Priorit
Mechanical System Component Type Ieating	Total	Fail Date Estimated Cost (Years)	Year FY 2047	Estimated Cost	Cycle		Priorit
Mechanical System Component Type leating Energy Source	Total 2% Other Obs	Fail Date Estimated Cost (Years) ervation, Extent : Light, Area	Year FY 2047	Estimated Cost	Cycle (Yrs)		Priorit
Mechanical System Component Type Ieating Energy Source	Total 2% Other Obs Location	Fail Date Estimated Cost (Years)	Year FY 2047	Estimated Cost	Cycle (Yrs)		Priorit
Mechanical System Component Type Ieating Energy Source Electricity	Total 2% Other Obs Location Explana	Fail Date Estimated Cost (Years) ervation, Extent : Light, Area	Year FY 2047 Affected	Estimated Cost	Cycle (Yrs)		Priorit
Mechanical System Component Type Ieating Energy Source Electricity Natural Gas	Total 2% Other Obs Location	Fail Date Estimated Cost (Years)	Year FY 2047	Estimated Cost * *	Cycle (Yrs)		Priorit
Mechanical System Component Type Heating Energy Source Electricity Natural Gas Conversion Equipment	Total 2% Other Obs Location Explanat 98%	Fail Date Estimated Cost (Years)	Year FY 2047 <i>Affected</i> 2047	Estimated Cost * *	Cycle (Yrs)	Estimated Cost	Priority
Mechanical System Component Type Ieating Energy Source Electricity <u>Natural Gas</u> Conversion Equipment Hot Water Boiler	Total 2% Other Obs Location Explana	Fail Date Estimated Cost (Years)	Year FY 2047 Affected	Estimated Cost * * 1 : 10% * *	Cycle (Yrs)		Priority
Mechanical System Component Type Ieating Energy Source Electricity Natural Gas Conversion Equipment Hot Water Boiler Distribution	Total 2% Other Obs Location Explanat 98% 100%	Fail Date Estimated Cost (Years)	Year           FY           2047           Affected           2047           2047           2047           2047	Estimated Cost * * 1 : 10% * *	Cycle (Yrs)	Estimated Cost	Priority
Mechanical System Component Type Ieating Energy Source Electricity Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	Total 2% Other Obs Location Explanat 98%	Fail Date Estimated Cost (Years)	Year FY 2047 <i>Affected</i> 2047	Estimated Cost ** ': 10% ** **	Cycle (Yrs) 1 1 1	Estimated Cost	Priority
Mechanical System Component Type Ieating Energy Source Electricity Matural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	Total 2% Other Obs Location Explanat 98% 100%	Fail Date Estimated Cost (Years)	Year FY 2047 <i>Affected</i> 2047 2032 2035	Estimated Cost ** 2 : 10% ** ** **	Cycle (Yrs) 1 1 1	Estimated Cost	Priorit
Mechanical System Component Type Leating Energy Source Electricity Matural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Total 2% Other Obs Location Explanat 98% 100% 100% 70%	Fail Date Estimated Cost (Years)	Year FY 2047 <i>Affected</i> 2047 2032 2035 2027	Estimated Cost ** ': 10% ** **	Cycle (Yrs) 1 1 1	Estimated Cost	Priority
Mechanical System Component Type Heating Energy Source Electricity Matural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	Total 2% Other Obs Location Explanat 98% 100%	Fail Date Estimated Cost (Years)	Year FY 2047 <i>Affected</i> 2047 2032 2035	Estimated Cost ** 2 : 10% ** ** ** \$72,400	Cycle (Yrs) 1 1 1	Estimated Cost	Priority
Mechanical System Component Type Leating Energy Source Electricity Matural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Total 2% Other Obs Location Explanat 98% 100% 100% 70%	Fail Date Estimated Cost (Years)	Year FY 2047 <i>Affected</i> 2047 2032 2035 2027	Estimated Cost ** 2 : 10% ** ** ** \$72,400	Cycle (Yrs) 1 1 1	Estimated Cost	Priority

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

Asset # : 13315

Mechanical		Current Repair	Μ				
System Component Type	% of Total	Fail Date Estimated Co (Years)		e Replacement Estimated Cost		Estimated Cost	Priority
Air Conditioning Conversion Equipment Exterior Pkg Unit - Cooling No Component	30% 70%		2032	* *	2	\$100	
Terminal Devices Air Handler/Cool/Ht No Component	70% 30%		2022	\$17,300	1	\$3,200	
Heat Rejection Air Cooled Condenser Unit	70% 30%		2022	\$3,100	2	\$3,600	
No Component Ventilation	30%						
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,100	
Exhaust Fans Roof	Location Unit Inope	Now \$1,20 stent : Severe, Area Affecte : Toilet Exhaust rable, Extent : Severe, Are : Toilet Exhaust	ed : 5%	**	2	\$200	
Plumbing H/C Water Piping							
Brass/Copper	100%		2047	* *	1		
Water Heater Gas Fired	Location	ervation, Extent : Light, A : 1st Floor ion : 30 Gallon	2022 rea Affected	\$4,500 1 : 100%	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.

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: STEINWAY BRANCH LIBRARY		
Address	: 21-45 31ST ST.		
Borough	: QUEENS	Agency's Number	: S
Program / Asset #	: QPL0858.000 / 13316	Yr Built/Renovated	: 1956 / 2002
Area Sq Ft	: 10,752	<b>Project Type</b>	: 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 2021 - 2024		FY 2025 - 2030
Exterior Architecture				\$174,800
Electrical		\$43,000		\$113,900
Mechanical				\$192,700
Total		\$43,000		\$481,400
Importance Code A				\$174,800
Importance Code B		\$43,000		\$306,600
Total		\$43,000		\$481,400
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$2,100			\$2,600
Interior Architecture	\$5,200	\$900		\$5,200
Electrical	\$20,000	\$800	\$10,800	\$900
Mechanical	\$1,100	\$1,600	\$1,900	\$2,100
Total	\$28,400	\$3,300	\$12,700	\$10,700
Importance Code A	\$2 600	\$500	\$700	\$3,100

Total	\$28,400	\$3,300	\$12,700	\$10,700
Importance Code C		\$600		
Importance Code B	\$25,800	\$2,200	\$12,100	\$7,600
Importance Code A	\$2,000	\$300	\$700	\$5,100



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

Asset # : 13316

	Current Repair Future Replacement			М			
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
85%			LIFE	* *	5	\$19,100	
15%			LIFE	* *	5	\$2,500	
100%			2044	* *	5	\$5,100	
95%			LIFE	* *	5	\$1,800	
5%	Now	\$2,100	LIFE	* *	5	\$100	
		l, Extent : Moderat	te, Area A	Affected : 50%			
-		d, Extent : Modera	ite, Area	Affected : 50%			
Location	: Coping						
				<b>h 1 - 1 0 0 - 1</b>	10	<b>.</b>	
100%			2028	\$174,800	10	\$12,200	
1000/				de ale	_		
100%			LIFE	* *	5		
(00/			0007	¢120.400	2	¢10.000	
2%			2028	\$3,800	3	\$100	
					5	\$800	
				* *			
85%			LIFE	* *	5	\$10,500	
10%			LIFE	* *	5	\$300	
90%			LIFE	* *	5	\$9,100	
30%			2048	* *			
70%			2038	* *			
100%			2048	* *			
100%			2063	* *			
100%			2041	* *			
100%			2041	* *			
	Total           85%           15%           100%           95%           Jnt Mortan           Location           Caulking it           Location           100%           100%           100%           3%           10%           20%           3%           10%           20%           3%           10%           20%           3%           10%           20%           3%           10%           30%           10%           30%           10%           30%           100%           30%           100%	% of Total         Fail Date (Years)           85% 15%	Current Repair           % of Fail Date Estimated Cost Total (Years)           85% 15%           100%           95%           5% Now \$2,100           Jnt Mortar Miss/Erod, Extent : Moderat Location : Coping           Caulking Deteriorated, Extent : Moderat Location : Coping           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           3%           10%           90%           30%           70%           30%           100%           100%	Current Repair         Future           % of Fail Date Estimated Cost Total         Year FY           85%         LIFE           15%         LIFE           100%         2044           95%         LIFE           100%         2044           95%         LIFE           100%         2044           95%         LIFE           Jnt Mortar Miss/Erod, Extent : Moderate, Area           Location : Coping         Caulking Deteriorated, Extent : Moderate, Area           Location : Coping         2028           100%         2028           100%         LIFE           3%         2037           10%         LIFE           3%         2037           10%         LIFE           3%         2037           10%         LIFE           3%         2037           10%         LIFE           3%         2037           t         5%           LIFE         10%           3%         2037           10%         LIFE           10%         LIFE           30%         2048           70%         LIFE	% of Total         Fail Date (Years)         Estimated Cost FY         Year FY         Estimated Cost FY           85%         LIFE         ***           100%         2044         **           95%         LIFE         ***           95%         LIFE         ***           Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50% Location : Coping         Location : Coping           Caulking Deteriorated, Extent : Moderate, Area Affected : 50% Location : Coping         2028         \$174,800           100%         2027         \$130,400           100%         2027         \$130,400           5%         LIFE         **           60%         2027         \$130,400           100%         LIFE         **           20%         2033         **           20%         2033         **           20%         2033         **           3%         2037         **           10%         LIFE         **           10%         LIFE         **           3%         2033         **           3%         2037         **           10%         LIFE         **           10%         LIFE	$\begin{tabular}{ c c c c c } \hline Current Repair & Future Replacement & M \\ \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$

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

### Asset # : 13316

lectrical	Current Repair Future Replacement					М		
stem Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori
der 600 Volts								
Service Equipment								
Fused Disc Sw	10%			2028	\$200	5		
	Other Obs	ervation, Exte	ent : Moderate, .	Area Affe	ected : 100%			
	Location	: Electrical H	Room					
	Explana	tion : One 200	) Amperes Main	Disconn	ect Switch For Em	ergency		
Molded Case Bkrs	90%			2028	\$1,400	5	\$300	
	Other Obs	ervation, Exte	ent : Moderate, 1	Area Affe	ected : 100%			
	Location	: Electrical H	Room					
	Explana	tion : One 40(	) Amperes Main	Disconn	ect Switch			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2028	\$34,200	5	\$300	
Raceway								
Conduit	90%			2028	\$29,800	1		
Conduit	10%			2038	* *	1		
Panelboards								
Fused Disc Sw	5%			2027	\$800	5		
Molded Case Bkrs	85%			2027	\$13,400	5	\$200	
Molded Case Bkrs	10%			2044	* *	5		
Wiring								
Braided Cloth	65%	2-4	\$19,100	2053	* *	1		
		-	: Severe, Area A t The Building	Affected :	100%			
Thermoplastic	30%			2028	\$8,800	1		
Thermoplastic	5%			2048	* *	1		
Motor Controllers								
Locally Mounted	80%			2041	* *	5	\$100	
Locally Mounted	20%			2026	\$6,400	5		
ound								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
ghting								
Interior Lighting					<b></b>		<b></b>	
Fluorescent	95%		_	2028	\$108,200	10	\$9,400	
	-		s, Extent : Mode t The Building	rate, Are	a Affected : 100%			
	Other Obs	ervation, Exte	ent : Moderate, 1	Area Affe	ected : 100%			
	Location	: Throughou	t The Building					
	Explana	tion : Ballast .	And Bulb Is Nev	v But The	e Fixtures Are Old			
Fluorescent	5%			2028	\$5,700	10	\$500	
			ent : Moderate, 1			-	• •	
		: Staircase L		55 -				
			et Fluorescent L	ight Fixti	ures			
Egress Lighting	4			~				
Emergency, Battery	50%			2023	\$7,700	10	\$1,300	
Exit, Service	50%			2023	\$800	1	-	
Exterior Lighting								
HID	100%			2023	\$43,000	10		

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

#### Asset # : 13316

Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
larm							
Security System	200/						
No Component Generic	30% 70%		2033	* *	1	\$2,800	
Generic		ervation, Extent : Moderate,			1	\$2,800	
	Location	: Throughout The Building tion : CCTV Surveillance Car	55				
Fire/Smoke Detection	200/						
No Component	30%		2022	* *	1.2	¢4.000	
Generic, Digital	70%		2033		1-3	\$4,800	
lechanical		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	Priorit
leating							
Energy Source							
Natural Gas	100%		2048	* *	1		
Conversion Equipment	1000/		20.41	* *	1	¢5.200	
Hot Water Boiler	100%	amention Entout Light Ano.	2041		1	\$5,300	
		ervation, Extent : Light, Arec : Basement Boiler Room	i Ajjecied	100%			
		tion : 1 Unit					
Distribution	Блрийни						
Hot Wtr Piping/Pump	100%		2044	* *	4	\$500	
Terminal Devices							
Air Handler	50%		2033	* *	1	\$3,300	
Convector/Radiator	50%		2033	* *	1	\$1,700	
ir Conditioning							
Energy Source							
Electricity							
· · · · · · · · · · · · · · · · · · ·	100%		2036	* *	1		
Conversion Equipment						ф. <b>с</b> оо	
Conversion Equipment Ext Pkg Unit -	80%		2036 2028	* *	1 2	\$500	
Conversion Equipment	80%	oerant Extent Light Area /	2028	\$106,700		\$500	
Conversion Equipment Ext Pkg Unit -	80% R-22 Refri	gerant, Extent : Light, Area 2 : Roof	2028	\$106,700		\$500	
Conversion Equipment Ext Pkg Unit - Heating/Cooling	80% R-22 Refri Location	8	2028 Affected :	\$106,700 80%		\$500	
Conversion Equipment Ext Pkg Unit - Heating/Cooling Split Unit	80% R-22 Refri	8	2028	\$106,700		\$500	
Conversion Equipment Ext Pkg Unit - Heating/Cooling Split Unit Terminal Devices	80% R-22 Refri Location 20%	8	2028 Affected : 2028	\$106,700 80% \$45,500	2		
Conversion Equipment Ext Pkg Unit - Heating/Cooling Split Unit Terminal Devices Fan Coil - 2 Pipe	80% <i>R-22 Refri</i> <i>Location</i> 20%	8	2028 Affected :	\$106,700 80%		\$500	
Conversion Equipment Ext Pkg Unit - Heating/Cooling Split Unit Terminal Devices Fan Coil - 2 Pipe No Component	80% R-22 Refri Location 20%	8	2028 Affected : 2028	\$106,700 80% \$45,500	2		
Conversion Equipment Ext Pkg Unit - Heating/Cooling Split Unit Terminal Devices Fan Coil - 2 Pipe	80% <i>R-22 Refri</i> <i>Location</i> 20%	8	2028 Affected : 2028	\$106,700 80% \$45,500	2		
Conversion Equipment Ext Pkg Unit - Heating/Cooling Split Unit Terminal Devices Fan Coil - 2 Pipe No Component Heat Rejection	80% <i>R-22 Refri</i> <i>Location</i> 20% 20% 80%	8	2028 Affected : 2028 2028	\$106,700 80% \$45,500 \$40,500	2	\$700	
Conversion Equipment Ext Pkg Unit - Heating/Cooling Split Unit Terminal Devices Fan Coil - 2 Pipe No Component Heat Rejection Dry Cooler No Component	80% <i>R-22 Refrt Location</i> 20% 20% 80%	8	2028 Affected : 2028 2028	\$106,700 80% \$45,500 \$40,500	2	\$700	
Conversion Equipment Ext Pkg Unit - Heating/Cooling         Split Unit         Terminal Devices Fan Coil - 2 Pipe No Component         Heat Rejection Dry Cooler No Component         entilation Distribution	80% <i>R-22 Refri</i> <i>Location</i> 20% 20% 80% 20%	8	2028 Affected : 2028 2028 2028	\$106,700 80% \$45,500 \$40,500 \$11,600	2 1 2	\$700 \$1,500	
Conversion Equipment Ext Pkg Unit - Heating/Cooling Split Unit Terminal Devices Fan Coil - 2 Pipe No Component Heat Rejection Dry Cooler No Component Tentilation Distribution Ductwork/Diffusers	80% <i>R-22 Refrt Location</i> 20% 20% 80%	8	2028 Affected : 2028 2028	\$106,700 80% \$45,500 \$40,500	2	\$700	
Conversion Equipment         Ext Pkg Unit -         Heating/Cooling         Split Unit         Terminal Devices         Fan Coil - 2 Pipe         No Component         Heat Rejection         Dry Cooler         No Component         Yentilation         Distribution	80% <i>R-22 Refri</i> <i>Location</i> 20% 20% 80% 20%	8	2028 Affected : 2028 2028 2028	\$106,700 80% \$45,500 \$40,500 \$11,600	2 1 2	\$700 \$1,500	

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

#### Asset # : 13316

echanical	Current Repair	Future	Replacement	М	aintenance	
stem Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
mbing						
H/C Water Piping						
Brass/Copper	100%	2038	* *	1		
Water Heater						
Gas Fired	100%	2028	\$6,500	2	\$200	
	Recent Installation, Extent :	Light, Area Affected .	: 100%			
	Location : Basement					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s)						
Electric	100%	2028	\$3,100	4	\$400	
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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: SUNNYSIDE BRANCH LIBRARY		
Address	: 43-06 GREENPOINT AVE.		
Borough	: QUEENS	Agency's Number	: SU
Program / Asset #	: QPL0859.000 / 13317	Yr Built/Renovated	: 1976 / 2005
Area Sq Ft	: 7,992	Project Type	: QUEENS PUBLIC LIBRARY
Date of Survey	: 07-Dec-2018	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1		
Block	: 173 Lot : 16	BIN	: 4002111

CAPITAL		FY 2021 - 2024		FY 2025 - 2030
Exterior Architecture		\$93,000		\$289,800
Total		\$93,000		\$289,800
Importance Code A		\$93,000		\$289,800
Total		\$93,000		\$289,800
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024

EXPENSE	F f 2021	Ff 2022	FT 2023	FT 2024
Exterior Architecture	\$9,000			
Interior Architecture	\$8,900	\$1,500	\$6,600	\$100
Electrical	\$400	\$200	\$300	\$200
Mechanical	\$3,700	\$1,200	\$1,700	\$900
Total	\$22,000	\$2,900	\$8,500	\$1,200
Importance Code A	\$9,400	\$400	\$400	\$400
Importance Code B	\$7,500	\$2,500	\$8,100	\$700
Importance Code C	\$5,100			\$100
Total	\$22,000	\$2,900	\$8,500	\$1,200



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

#### Asset # : 13317

	Current I	to pan	- uuu	e Replacement	- IV	aintenance	
o ( ) o	-						
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
					5	\$17,500	
	-	-	ffected :	100%			
20%			2050	* *	5	\$8,200	
100%			2046	* *	5	\$500	
000/	Nour	\$58,000	2020	\$200 000			
				u . 1070			
				* *			
	-			$d \cdot 10\%$			
			a ngjeete	. 10/0			
	2						
25%			2031	* *	3	\$4,500	
5%			LIFE	* *	5	\$2,600	
67%			2035	* *	3	\$3,000	
20/			2020	<b>ب</b> ب	-	<b>\$200</b>	
				* *			
-7 <i>.</i> 70			LIL		5-10	\$5,400	
90%			2043	* *	5	\$10.800	
	iscoloring,	Extent : Moderate		ffected : 15%	-	+,	
Location	: Through	out					
Water Pen	etration, E	xtent : Moderate, A	1rea Affe	cted : 10%			
Location	: Through	out					
5%			LIFE	* *	10	\$1,200	
5%			LIFE	* *	5-10	\$2,100	
		-	Affected	: 100%			
		-					
expiana	ion . Cove	reu wiin Ille					
100%			2043	* *			
100%			2035	* *			
	80% Painted Su Location 20% 100% 90% Water Pen Location 10% Water Pen Location 225% 5% 3% 67% 3% 67% 45% 90% Staining/D Location Water Pen Location 0% 5% 5% 100% 0ther Obs Location 5%	80% Painted Surfaces, Ext Location : All Faca 20% 100% 90% Now Water Penetration, E Location : Children 10% 4+ Water Penetration, E Location : Library J 25% 5% 3% 67% 3% 450% 2% 45% 90% Staining/Discoloring, Location : Through Water Penetration, E Location : Through 5% 5% 100% 0ther Observation, E Location : Front Of Explanation : Cover 100%	80% Painted Surfaces, Extent : Light, Area A Location : All Facades 20% 100% 90% Now \$58,000 Water Penetration, Extent : Severe, Area Location : Children Room, Clerical Do 10% 4+ \$35,100 Water Penetration, Extent : Severe, Area Location : Library Area 25% 5% 3% 67% 45% 90% Staining/Discoloring, Extent : Moderate Location : Throughout Water Penetration, Extent : Moderate, A Location : Throughout Water Penetration, Extent : Moderate, A Location : Throughout 5% 5% 100% 0ther Observation, Extent : Light, Area Location : Front Of Building Explanation : Covered With Tile 100%	80%       LIFE         Painted Surfaces, Extent : Light, Area Affected :       Location : All Facades         20%       2050         100%       2046         90% Now       \$58,000       2030         Water Penetration, Extent : Severe, Area Affecte       Location : Children Room, Clerical Desk Area         10%       4+       \$35,100       2050         Water Penetration, Extent : Severe, Area Affecte       Location : Library Area         25%       2031         5%       LIFE         3%       2043         67%       2035         3%       2046         45%       LIFE         90%       2043         Staining/Discoloring, Extent : Moderate, Area Affected         Location : Throughout         Water Penetration, Extent : Moderate, Area Affected         Location : Throughout         Water Penetration, Extent : Moderate, Area Affected         Location : Throughout         5%       LIFE         100%       2050         Other Observation, Extent : Light, Area Affected         Location : Front Of Building         Explanation : Covered With Tile         100%       2043	80%         LIFE         **           Painted Surfaces, Extent : Light, Area Affected : 100%         2050         **           100%         2046         **           90%         Now         \$58,000         2030         \$289,800           Water Penetration, Extent : Severe, Area Affected : 10%         Location : Children Room, Clerical Desk Area         100%         2050         **           10%         4+         \$35,100         2050         **           Water Penetration, Extent : Severe, Area Affected : 10%         Location : Children Room, Clerical Desk Area         **           10%         4+         \$35,100         2050         **           Water Penetration, Extent : Severe, Area Affected : 10%         Location : Library Area         **           25%         2031         **         **           3%         2043         **           3%         2039         **           3%         2039         **           3%         2039         **           3%         2039         **           3%         2039         **           3%         2039         **           3%         2039         **           50%         LIFE <td< td=""><td>80%         LIFE         **         5           Painted Surfaces, Extent : Light, Area Affected : 100%         Location : All Facades         20%         2050         **         5           100%         2046         **         5         5         5           100%         2046         **         5         5           90%         Now         \$58,000         2030         \$289,800           Water Penetration, Extent : Severe, Area Affected : 10%         Location : Children Room, Clerical Desk Area         10%         4           10%         4+         \$35,100         2050         **           Water Penetration, Extent : Severe, Area Affected : 10%         Location : Library Area         10%         4           25%         2031         **         3           5%         LIFE         **         5           3%         2043         **         5           2%         2046         **         5           3%         2043         **         5           Staining/Discoloring, Extent : Moderate, Area Affected : 10%         Location : Throughout         10%           90%         2043         **         5           Staining/Discoloring, Extent : Moderate, Area Affected : 10%&lt;</td><td>80%         LIFE         **         5         \$17,500           Painted Surfaces, Extent : Light, Area Affected : 100%         2050         **         5         \$8,200           20%         2050         **         5         \$8,200           100%         2046         **         5         \$500           90%         Now         \$58,000         2030         \$289,800           Water Penetration, Extent : Severe, Area Affected : 10%         Location : Children Room, Clerical Desk Area         10%           10%         4+         \$35,100         2050         **           Water Penetration, Extent : Severe, Area Affected : 10%         Location : Children Room, Clerical Desk Area           10%         4+         \$35,100         2050         **           Water Penetration, Extent : Severe, Area Affected : 10%         Location : Library Area         10%           25%         2031         **         \$         \$2,600           3%         2043         **         \$         \$2,000           3%         2039         *         \$         \$2,000           2%         2046         **         \$         \$2,000           2%         2043         **         \$         \$10,800</td></td<>	80%         LIFE         **         5           Painted Surfaces, Extent : Light, Area Affected : 100%         Location : All Facades         20%         2050         **         5           100%         2046         **         5         5         5           100%         2046         **         5         5           90%         Now         \$58,000         2030         \$289,800           Water Penetration, Extent : Severe, Area Affected : 10%         Location : Children Room, Clerical Desk Area         10%         4           10%         4+         \$35,100         2050         **           Water Penetration, Extent : Severe, Area Affected : 10%         Location : Library Area         10%         4           25%         2031         **         3           5%         LIFE         **         5           3%         2043         **         5           2%         2046         **         5           3%         2043         **         5           Staining/Discoloring, Extent : Moderate, Area Affected : 10%         Location : Throughout         10%           90%         2043         **         5           Staining/Discoloring, Extent : Moderate, Area Affected : 10%<	80%         LIFE         **         5         \$17,500           Painted Surfaces, Extent : Light, Area Affected : 100%         2050         **         5         \$8,200           20%         2050         **         5         \$8,200           100%         2046         **         5         \$500           90%         Now         \$58,000         2030         \$289,800           Water Penetration, Extent : Severe, Area Affected : 10%         Location : Children Room, Clerical Desk Area         10%           10%         4+         \$35,100         2050         **           Water Penetration, Extent : Severe, Area Affected : 10%         Location : Children Room, Clerical Desk Area           10%         4+         \$35,100         2050         **           Water Penetration, Extent : Severe, Area Affected : 10%         Location : Library Area         10%           25%         2031         **         \$         \$2,600           3%         2043         **         \$         \$2,000           3%         2039         *         \$         \$2,000           2%         2046         **         \$         \$2,000           2%         2043         **         \$         \$10,800

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

### Asset # : 13317

Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
System	% of		Estimated Cost		Estimated Cost		Estimated Cost	Priorit
Component	Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	Priorit
Туре	1000	(10015)				(115)		
nder 600 Volts								
Service Equipment	1000/			2020	¢1.000	-	<b>*2</b> 00	
Molded Case Bkrs	100%			2030	\$1,600	5	\$200	
		ervation, E : Electrica	Extent : Light, Area	Affected	: 100%			
			ii Room Service Switch Ra	tad 1+ 11	0.1			
Switchgear / Switchboard	Explana	iion : Main	Service Switch Ka	iea Ai 40	0 Amperes			
Molded Case Bkrs	100%			2030	\$34,200	5	\$200	
Raceway	10070			2030	\$37,200	5	\$200	
Conduit	100%			2050	* *	1		
Panelboards	10070			2000		1		
Fused Disc Sw	5%			2046	* *	5		
Molded Case Bkrs	95%			2046	* *	5	\$200	
Wiring	2070			2010		5	\$200	
Thermoplastic	100%			2050	* *	1		
Motor Controllers	10070			2000		-		
Locally Mounted	100%			2043	* *	5	\$100	
bround						-	• • •	
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
ighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	\$6,600	
	-		res, Extent : Light,	Area Af	fected : 100%			
	Location	: Through	out					
Fluorescent	4%			2035	* *	10	\$300	
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Front De	esk Area 1st Floor					
	Explana	tion : Com	pact Fluorescent L	ight Fixti	ires			
Fluorescent	6%			2035	* *	10	\$400	
	T-8 Lamp	s And Fixtu	res, Extent : Light,	Area Af	fected : 100%			
	Location	: Kitchen,	Locker Room And	Offices				
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	\$1,000	
Exit, LED	50%			2058	* *	1		
Exterior Lighting								
HID	30%			2035	* *	10		
No Component	70%							
larm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	\$900	
			Extent : Light, Area	Affected	: 100%			
		-	out The Building					
	Explana	tion : CCT	V Surveillance Can	ieras				
Fire/Smoke Detection	=							
No Component	70%			2025	* *	1.2	¢1 600	
Generic, Digital	30%			2035	ተ ች	1-3	\$1,500	

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

### Asset # : 13317

Mechanical	Current Re	pair	Futur	e Replacement	Μ		
System Component Type	% of Fail Date H Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source	1000/		2050	* *	1		
Natural Gas	100%		2050	* *	1		
Conversion Equipment Hot Water Boiler	100%		2042	* *	1	¢4.000	
Hot water Boller	Other Observation, Ext	ant · Light Arag	2043		1	\$4,000	
	Location : Boiler Roo	-	лјјестеи	. 10070			
	Explanation : 1 Unit						
Distribution	Explanation . 1 Onli						
Hot Wtr Piping/Pump	100%		2038	* *	4	\$600	
Terminal Devices						•	
Air Handler	100%		2035	* *	1	\$4,900	
Air Conditioning							
Energy Source							
Electricity	100%		2046	* *	1		
Conversion Equipment							
Ext Pkg Unit -	100%		2035	* *	2	\$500	
Heating/Cooling							
	Other Observation, Ext Location : Roof	ent : Light, Area	Affected	: 100%			
	Explanation : 1 Unit,	R-410a Refrigera	nnt				
Ventilation	Explanation : 1 Only	n mountojngen					
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,100	
Exhaust Fans							
Interior	50%		2035	* *	2	\$100	
Roof	50%		2035	* *	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2050	* *	1		
Water Heater							
Gas Fired	100%		2029	\$4,800	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping	1000/			-11-			
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	1000/		2020	Φ1 <b>Ο</b> ΟΟ	A	<b>#300</b>	
Non-Submersible	100%		2030	\$1,200	4	\$300	
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.* 

#### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address Borough Program / Asset # Area Sq Ft Date of Survey Areas Surveyed	: 151-10 14 : QUEENS	4TH RD. @ 0 5 51.000 / 13319 018 00rs 1		LE ST. Agency's Number Yr Built/Renovated Project Type Landmark Status	: W : 1971 / : QUEENS PUBLIC I : NONE	LIBRARY
Block	: 4/1/	Lot	: 25	BIN	: 4107201	
CAPITAL				FY 2021 - 2024		FY 2025 - 2030
Interior Architect Mechanical	ure			\$170,100		\$237,300
Total				\$170,100		\$237,300
Importance Code	В			\$170,100		\$237,300
Total				\$170,100		\$237,300
EXPENSE			FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architec	ture		\$58,900			
Interior Architect	ure		\$7,400		\$800	\$1,300
Electrical			\$18,300	\$600	\$700	\$700
Mechanical			\$3,200	\$2,100	\$1,400	\$1,900
Site Enclosure			\$2,000			
Site Pavements			\$16,400			
Total			\$106,200	\$2,700	\$2,900	\$3,900
Importance Code	А		\$59,300	\$400	\$400	\$400
Importance Code			\$31,500	\$2,400	\$2,600	\$3,600
Importance Code	С		\$15,400		·	-
Total			\$106,200	\$2,700	\$2,900	\$3,900



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

### QUEENS PUBLIC LIBRARY - 039 WHITESTONE BRANCH LIBRARY

#### Asset # : 13319

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								
Cast in Place Concrete	Cracking/ Location	: South Fa				5	\$3,400	
	Location	: South Fa	ent, Extent : Severe wade Extent : Severe, Ar	Ū	-			
	0	: South Fa						
		ervation, E : South Fa	xtent : Moderate, . ucade	Area Affe	ected : 50%			
	Explanat	tion : Temp	orary Support In H	Place				
Masonry: Brick	90%	1		LIFE	* *	5	\$12,300	
Windows							. ,*	
Aluminum	100%			2046	* *	5	\$1,500	
Parapets								
Metal Security Bars	20%			2045	* *			
No Component	80%							
Roof								
Built-Up (BUR)	10%	Now	\$34,400	2040	* *			
		ıg Surface,	Extent : Light, Are	a Affecte	ed : 100%			
	Location	: Flat Sect	ion Over Main En	try				
			tion Over Main En xtent : Moderate, 4	-				
	Water Pen	etration, E		4rea Affe	cted : 10%			
	Water Pen Location	etration, E : Over Ma	xtent : Moderate, 2	Area Affe m, Work	cted : 10% Room			
	Water Pen Location Worn/Eroo	etration, E : Over Ma	xtent : Moderate, 2 in Entry, Staff Roc : Moderate, Area	Area Affe m, Work	cted : 10% Room			
Metal Panel	Water Pen Location Worn/Eroo	etration, E : Over Ma ded, Extent	xtent : Moderate, 2 in Entry, Staff Roc : Moderate, Area	Area Affe m, Work	cted : 10% Room			
Metal Panel	Water Pen Location Worn/Eroo Location 60%	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex	xtent : Moderate, 2 in Entry, Staff Roo : Moderate, Area in Entry	Area Affe om, Work Affected 2043	ccted : 10% Room : 25% **			
Metal Panel Roll Roofing	Water Pen Location Worn/Erod Location 60% Seams Opt	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex	xtent : Moderate, A in Entry, Staff Roc : Moderate, Area in Entry \$3,400	Area Affe om, Work Affected 2043	ccted : 10% Room : 25% **	5	\$4,000	
	Water Pen Location Worn/Erod Location 60% Seams Op Location	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex	xtent : Moderate, A in Entry, Staff Roc : Moderate, Area in Entry \$3,400	Area Affe m, Work Affected 2043 rea Affec	ected : 10% Room : 25% ** eted : 2%	5 10	\$4,000 \$4,800	
Roll Roofing Single Ply Membrane nterior	Water Pen Location Worn/Erow Location 60% Seams Op Location 10%	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex	xtent : Moderate, A in Entry, Staff Roc : Moderate, Area in Entry \$3,400	Area Affe m, Work Affected 2043 rea Affec 2026	ected : 10% Room : 25% ** ected : 2% \$10,500			
Roll Roofing Single Ply Membrane nterior Floors	Water Pen Location Worn/Eros Location 60% Seams Op Location 10% 20%	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex	xtent : Moderate, A in Entry, Staff Roc : Moderate, Area in Entry \$3,400	Area Affe m, Work Affected 2043 rea Affec 2026 2035	ccted : 10% Room : 25% ** cted : 2% \$10,500 **		\$4,800	
Roll Roofing Single Ply Membrane	Water Pen Location Worn/Ero Location 60% Seams Op Location 10% 20%	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex	xtent : Moderate, A in Entry, Staff Roc : Moderate, Area in Entry \$3,400	Area Affe m, Work Affected 2043 rea Affec 2026	ected : 10% Room : 25% ** ected : 2% \$10,500			
Roll Roofing Single Ply Membrane nterior Floors Carpet Cast in Place Concrete	Water Pen Location Worn/Erow Location 60% Seams Op Location 10% 20%	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex	xtent : Moderate, A in Entry, Staff Roc : Moderate, Area in Entry \$3,400	Area Affe m, Work Affected 2043 rea Affec 2026 2026 2035 2029 LIFE	ccted : 10% Room : 25% ** cted : 2% \$10,500 **	10 3 5	\$4,800 \$1,700 \$4,800	
Roll Roofing Single Ply Membrane nterior Floors Carpet Cast in Place Concrete Ceramic Tile	Water Pen Location Worn/Erow Location 60% Seams Op Location 10% 20%	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex : Roof	xtent : Moderate, A in Entry, Staff Roc : Moderate, Area in Entry \$3,400 tent : Moderate, A	Area Affe m, Work Affected 2043 rea Affec 2026 2026 2035 2029 LIFE 2039	ccted : 10% Room : 25% ** cted : 2% \$10,500 ** \$14,900	10 3	\$4,800 \$1,700 \$4,800 \$600	
Roll Roofing Single Ply Membrane nterior Floors Carpet Cast in Place Concrete	Water Pen Location Worn/Erow Location 60% Seams Op Location 10% 20%	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex : Roof	xtent : Moderate, A in Entry, Staff Roc : Moderate, Area in Entry \$3,400 tent : Moderate, A \$200	Area Affe m, Work Affected 2043 rea Affec 2026 2029 LIFE 2039 2035	cted : 10% Room : 25% ** cted : 2% \$10,500 ** \$14,900 ** ** **	10 3 5	\$4,800 \$1,700 \$4,800	
Roll Roofing Single Ply Membrane nterior Floors Carpet Cast in Place Concrete Ceramic Tile	Water Pen Location Worn/Erow Location 60% Seams Op Location 10% 20%	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex : Roof	xtent : Moderate, A in Entry, Staff Roc : Moderate, Area in Entry \$3,400 tent : Moderate, A \$200 nt : Moderate, Are	Area Affe m, Work Affected 2043 rea Affec 2026 2029 LIFE 2039 2035	cted : 10% Room : 25% ** cted : 2% \$10,500 ** \$14,900 ** ** **	10 3 5 5	\$4,800 \$1,700 \$4,800 \$600	
Roll Roofing Single Ply Membrane nterior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile	Water Pen Location Worn/Eros Location 60% Seams Op Location 10% 20%	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex : Roof 4+ rface, Extent : Small Ha	xtent : Moderate, A in Entry, Staff Roo : Moderate, Area in Entry \$3,400 tent : Moderate, A \$200 ent : Moderate, Area allway	Area Affe m, Work Affected 2043 rea Affect 2026 2026 2035 2029 LIFE 2039 2035 2035 a Affected	cted : 10% Room : 25% ** cted : 2% \$10,500 ** \$14,900 ** **	10 3 5 5 3	\$4,800 \$1,700 \$4,800 \$600 \$200	
Roll Roofing Single Ply Membrane nterior Floors Carpet Cast in Place Concrete Ceramic Tile	Water Pen Location Worn/Erow Location 60% Seams Op Location 10% 20%	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex : Roof 4+ en/Split, Ex : Roof 4+ cface, Extent : Small Ha Now	xtent : Moderate, A in Entry, Staff Roo : Moderate, Area in Entry \$3,400 tent : Moderate, A \$200 ent : Moderate, Area allway \$89,900	Area Affe m, Work Affected 2043 rea Affec 2026 2026 2035 2029 LIFE 2039 2035 a Affecte 2040	cted : 10% Room : 25% ** cted : 2% \$10,500 ** \$14,900 ** ** cted : 2% **	10 3 5 5	\$4,800 \$1,700 \$4,800 \$600	
Roll Roofing Single Ply Membrane nterior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile	Water Pen Location Worn/Erow Location 60% Seams Op Location 10% 20% 10% 5% 5% Uneven St Location 70% Worn/Erow	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex : Roof 4+ en/Split, Ex : Roof 4+ cface, Extent Now ded, Extent	xtent : Moderate, A in Entry, Staff Roo : Moderate, Area in Entry \$3,400 tent : Moderate, A \$200 mt : Moderate, Area illway \$89,900 : Severe, Area Aff	Area Affe m, Work Affected 2043 rea Affec 2026 2026 2035 2029 LIFE 2039 2035 a Affecte 2040	cted : 10% Room : 25% ** cted : 2% \$10,500 ** \$14,900 ** ** cted : 2% **	10 3 5 5 3	\$4,800 \$1,700 \$4,800 \$600 \$200	
Roll Roofing Single Ply Membrane nterior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Vinyl Tile 9" X 9"	Water Pen Location Worn/Erow Location 60% Seams Op Location 10% 20% 10% 5% 5% Uneven St Location 70% Worn/Erow	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex : Roof 4+ en/Split, Ex : Roof 4+ cface, Extent : Small Ha Now	xtent : Moderate, A in Entry, Staff Roo : Moderate, Area in Entry \$3,400 tent : Moderate, A \$200 mt : Moderate, Area illway \$89,900 : Severe, Area Aff	Area Affe m, Work Affected 2043 rea Affec 2026 2026 2035 2029 LIFE 2039 2035 a Affecte 2040	cted : 10% Room : 25% ** cted : 2% \$10,500 ** \$14,900 ** ** cted : 2% **	10 3 5 5 3	\$4,800 \$1,700 \$4,800 \$600 \$200	
Roll Roofing Single Ply Membrane nterior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Vinyl Tile 9" X 9" Interior Walls	Water Pen Location Worn/Ero Location 60% Seams Op Location 10% 20% 10% 5% Uneven Su Location 70% Worn/Ero Location	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex : Roof 4+ en/Split, Ex : Roof 4+ cface, Extent Now ded, Extent	xtent : Moderate, A in Entry, Staff Roo : Moderate, Area in Entry \$3,400 tent : Moderate, A \$200 mt : Moderate, Area illway \$89,900 : Severe, Area Aff	Area Affe m, Work Affected 2043 rea Affect 2026 2029 LIFE 2035 2029 LIFE 2035 2035 2035 2040 2040 2040	cted : 10% Room : 25% ** cted : 2% \$10,500 ** \$14,900 ** ** cted : 2% **	10 3 5 5 3 3	\$4,800 \$1,700 \$4,800 \$600 \$200 \$2,900	
Roll Roofing Single Ply Membrane nterior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Vinyl Tile Vinyl Tile 9" X 9"	Water Pen Location Worn/Ero Location Seams Op Location 10% 20% 10% 5% Uneven St Location 70% Worn/Ero Location	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex : Roof 4+ en/Split, Ex : Roof 4+ cface, Extent Now ded, Extent	xtent : Moderate, A in Entry, Staff Roo : Moderate, Area in Entry \$3,400 tent : Moderate, A \$200 mt : Moderate, Area illway \$89,900 : Severe, Area Aff	Area Affe m, Work Affected 2043 rea Affect 2026 2026 2029 LIFE 2035 2035 2035 2035 2035 2035 2040 2035 2040 2040 2040 2040	ccted : 10% Room : 25% ** cted : 2% \$10,500 ** \$14,900 ** ** cted : 2% ** ** ** **	10 3 5 5 3 3 5	\$4,800 \$1,700 \$4,800 \$600 \$200 \$2,900 \$2,900 \$3,300	
Roll Roofing Single Ply Membrane nterior Floors Carpet Cast in Place Concrete Ceramic Tile Vinyl Tile Vinyl Tile Vinyl Tile 9" X 9"	Water Pen Location Worn/Ero Location 60% Seams Op Location 10% 20% 10% 5% Uneven Su Location 70% Worn/Ero Location	etration, E : Over Ma ded, Extent : Over Ma 4+ en/Split, Ex : Roof 4+ en/Split, Ex : Roof 4+ cface, Extent Now ded, Extent	xtent : Moderate, A in Entry, Staff Roo : Moderate, Area in Entry \$3,400 tent : Moderate, A \$200 mt : Moderate, Area illway \$89,900 : Severe, Area Aff	Area Affe m, Work Affected 2043 rea Affect 2026 2029 LIFE 2035 2029 LIFE 2035 2035 2035 2040 2040 2040	cted : 10% Room : 25% ** cted : 2% \$10,500 ** \$14,900 ** ** ed : 2% **	10 3 5 5 3 3	\$4,800 \$1,700 \$4,800 \$600 \$200 \$2,900	

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

### **QUEENS PUBLIC LIBRARY - 039** WHITESTONE BRANCH LIBRARY

#### Asset # : 13319

			Asset # : 13	319				
Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Ceilings	0.50/	NT	<b>#00.200</b>	2050	* *	~	¢5.000	
AcousTileConcealSpLn			\$80,200 Extent : Moderate	2050		5	\$5,900	
	Location :	-		, Area Aj	<i>fjecieu</i> . 50%			
		0	: Moderate, Area	Affected	: 50%			
	Location :			55				
AcousTileSusp.Lay-In	5%	-		2043	* *	5	\$600	
Exposed Concrete	10%			LIFE	* *	5-10	\$1,400	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2050	* *			
Retaining Walls Cast in Place Concrete	1000/	Marri	¢2.000	2000	* *			
Cast in Place Concrete	100% Misaligned/		\$2,000 Extent : Severe, Art	2080 ea Affect				
	-		Building And Side	eu Mjeei	<i>cu</i> : 0070			
Site Pavements	20000000	itear of						
Public Sidewalk								
Cast in Place Concrete	100%	2-4	\$2,900	2035	* *			
	-		Extent : Moderate,	Area Aff	fected : 2%			
	Location :	14th Roa	d					
Parking/Driveway	1000/	Marri	¢11.000	2045	* *			
Asphalt	100% Cracking/C		\$11,900 Extent : Severe, At	2045 rea Affec				
	Location :	-		eu nyjee	<i>ica</i> : 0070			
Activity Yard		0	0					
Pavers/Stone	100%	4+	\$1,600	2039	* *			
			xtent : Moderate, A	1rea Affe	cted : 5%			
	Location :	-	-					
	Explanatio	on : Veget	ation Growth					
Electrical		Current F	Repair	Futur	e Replacement	м	aintenance	
System			-		-			D
Component		(Years)	Estimated Cost	y ear FY	Estimated Cost	(Yrs)	Estimated Cost	Priority
Туре	Total	(1 cars)		11		(115)		
Jnder 600 Volts								
Service Equipment	1000/			2020	Φ1 COO	5	<b>\$300</b>	
Molded Case Bkrs	100% Other Obser	rvation E	xtent : Light, Area	2030 Affected	\$1,600	5	\$200	
	Location :		-	mjecieu	. 100/0			
			vailable Nameplate	e Ratings	Capacity.			
Switchgear / Switchboard	1		- F					
Molded Case Bkrs	100%			2030	\$34,200	5	\$200	
Raceway								
Conduit	90%			2030	\$29,800	1		
Conduit	10%			2050	* *	1		

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

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

### QUEENS PUBLIC LIBRARY - 039 WHITESTONE BRANCH LIBRARY

Asset # : 13319

Electrical		Current Repair	Futu	re Replacement	М	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts							
Panelboards							
Fused Disc Sw	5%		2046	* *	5		
Molded Case Bkrs	90%		2029	\$14,200	5	\$200	
Molded Case Bkrs	5%		2046	* *	5		
Wiring Braided Cloth	60%	2-4 \$17,600	2055	* *	1		
	Insulation	Aged, Extent : Moderate, Are	a Affecte	ed : 100%			
	Location	: Throughout The Building					
Thermoplastic	30%		2040	* *	1		
Thermoplastic	10%		2050	* *	1		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
.ighting							
Interior Lighting							
Fluorescent	5%		2030	\$3,900	10	\$300	
	·	Fluorescent Light, Extent : Lig : Bookcase Sections	ght, Area	Affected : 100%			
LED	95%		2038	* *			
Egress Lighting							
Emergency, Battery	50%		2035	* *	10	\$900	
Exit, Service	50%		2035	* *	1		
Exterior Lighting							
HID	30%		2030	\$8,800	10		
No Component	70%						
larm							
Security System							
No Component	30%						
Generic	70%		2038	* *	1	\$1,900	
	Other Obs	ervation, Extent : Light, Area	Affected	l : 100%			
		: Reading Areas And Outside		ter			
	Explana	tion : CCTV Surveillance Can	ieras				
Fire/Smoke Detection							
Generic, Digital	100%		2035	* *	1-3	\$4,500	
	Other Obs	ervation, Extent : Light, Area	Affected	l : 100%			
		: Throughout The Building					
	Explana	tion : Strobe Lights, Manual H	Pull Stati	ons, Alarm Bells, S	Smoke De	etectors And Horns	
Maahaniaal							
Mechanical		Current Repair	Futu	re Replacement	M	laintenance	

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Energy Source				
Natural Gas	100%	2040 **	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.
## QUEENS PUBLIC LIBRARY - 039 WHITESTONE BRANCH LIBRARY

#### Asset # : 13319

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
Heating						
<b>Conversion Equipment</b>						
Hot Water Boiler	100%	2035	* *	1	\$3,600	
	Other Observation, Extent : Light, A	lrea Affected	: 100%			
	Location : Boiler Room					
	Explanation : 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2038	* *	4	\$500	
Terminal Devices						
Air Handler	80%	2030	\$82,100	1	\$3,600	
Convector/Radiator	20%	2028	\$7,800	1	\$500	
Air Conditioning						
Energy Source						
Electricity	100%	2038	* *	1		
Conversion Equipment						
Int Pkg Unit -	100%	2028	\$155,200	2	\$500	
Heating/Cooling						
	R-22 Refrigerant, Extent : Light, Art	**	100%			
	Location : 1 Unit. Mechanical Roo	om				
Heat Rejection						
Air Cooled Condenser	100%	2030	\$14,700	2	\$5,100	
Unit						
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$6,500	
Exhaust Fans						
Interior	80%	2030	\$20,800	2	\$200	
Roof	20%	2030	\$2,400	2		
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2040	* *	1		
Water Heater						
Gas Fired	100%	2025	\$4,500	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 : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name Address	: WINDSOR PARK BRANCH LIBRAR : 79-50 BELL BLVD. @ UNION TURNP		
Borough	: QUEENS	Agency's Number	: WP
Program / Asset #	: QPL0W62.000 / 13320	Yr Built/Renovated	: 1958 / 2010
Area Sq Ft	: 6,300	Project Type	: QUEENS PUBLIC LIBRARY
Date of Survey	: 11-Jan-2019	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 7772 Lot : 1	BIN	: 4164306

## CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$19,400	\$1,200		
Interior Architecture	\$18,700	\$3,100	\$5,800	
Electrical	\$600	\$500	\$600	\$500
Mechanical	\$2,500	\$400	\$1,000	\$400
Site Pavements	\$4,900			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$49,900	\$9,100	\$11,400	\$4,800
Importance Code A	\$19,700	\$1,500	\$300	\$300
Importance Code B	\$9,800	\$7,600	\$11,100	\$4,500
Importance Code C	\$20,500			
Total	\$49,900	\$9,100	\$11,400	\$4,800



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

Maintenance & are aggregated over a 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 # : 13320

Architecture		Current F	Repair	Futur	e Replacement	nent Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
xterior	ł								
Exterior Walls									
Masonry: Brick	70%			LIFE	* *	5	\$18,900		
Masonry: Fieldstone	20%			LIFE	* *	5	\$4,000		
Pre-Cast Concrete	3%			LIFE	* *	5	\$2,600		
Window Wall	7%			2050	* *	5	\$3,500		
Windows									
Aluminum	100%			2052	* *	5	\$2,400		
Parapets									
Masonry: Brick	95%			LIFE	* *	5-10	\$5,700		
Pre-Cast Concrete	5%			LIFE	* *	5	\$500		
Roof									
Modified Bitumen	98%			2035	* *	10	\$9,300		
Skylight, Metal/Glass	2%			2040	* *	10	\$600		
Soffits									
Alum/Vinyl Siding	100%		\$1,500	2050	* *				
	-	-	tent : Severe, Area	Affectea	1:50%				
		: Front Fa							
	-		d, Extent : Severe,	Area Aff	ected : 100%				
		: Front Of							
			xtent : Severe, Are	a Affecte	d : 10%				
	Location	: Front Fa	cade						
nterior									
Floors	(50)			2021	* *	2	<b>#0.200</b>		
Carpet	65%			2031	* *	3	\$9,200		
Cast in Place Concrete	5%			LIFE	* *	5	\$2,100		
Ceramic Tile	5%			2043	* *	5	\$500		
Vinyl Tile	25%			2035	* *	3	\$900		
Interior Walls					* *	10	¢1.000		
Cast in Place Concrete	5%			LIFE	* *	10	\$1,800		
Concrete Masonry Unit	5%			LIFE		5	\$600		
Gypsum Board	80%			LIFE	* *	5-10	\$19,600		
Plaster	10%			LIFE	* *	5-10	\$1,200		
Plaster Ceilings							· · · · ·		
Plaster Ceilings AcousTileConcealSpLn	90%			2043	* *	5	\$10,600		
Plaster Ceilings AcousTileConcealSpLn Gypsum Board							· · · · ·		
Plaster Ceilings AcousTileConcealSpLn Gypsum Board ite Enclosure	90%			2043	* *	5	\$10,600		
Plaster Ceilings AcousTileConcealSpLn Gypsum Board ite Enclosure Fence/Gates	90% 10%			2043 LIFE	* * * *	5	\$10,600		
Plaster Ceilings AcousTileConcealSpLn Gypsum Board ite Enclosure Fence/Gates Chain Link	90%			2043	* *	5	\$10,600		
Plaster Ceilings AcousTileConcealSpLn Gypsum Board ite Enclosure Fence/Gates Chain Link Retaining Walls	90% 10% 100%			2043 LIFE 2050	* * * * * *	5	\$10,600		
Plaster Ceilings AcousTileConcealSpLn Gypsum Board ite Enclosure Fence/Gates Chain Link Retaining Walls Cast in Place Concrete	90% 10%			2043 LIFE	* * * *	5	\$10,600		
Plaster Ceilings AcousTileConcealSpLn Gypsum Board ite Enclosure Fence/Gates Chain Link Retaining Walls Cast in Place Concrete ite Pavements	90% 10% 100%			2043 LIFE 2050	* * * * * *	5	\$10,600		
Plaster Ceilings AcousTileConcealSpLn Gypsum Board ite Enclosure Fence/Gates Chain Link Retaining Walls	90% 10% 100%			2043 LIFE 2050	* * * * * *	5	\$10,600		

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

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

#### Asset # : 13320

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost		Estimated Cost	Priority
lite Pavements								
On-Site Walkways	1000							
Cast in Place Concrete	Other Obs Location	n : Perimete	\$1,700 Extent : Severe, Are er Of Building r Penetration Thro	55		ulkway M	eets Building	
Parking/Driveway	1			0 1		,	0	
Asphalt	Cracking/ Location Sinking/St	n : Parking	xtent : Severe, Arec					
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
Svstem	% of	Fail Date	Estimated Cost		Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)	250000000000000000000000000000000000000	1110110
Jnder 600 Volts								
Service Equipment								
Fused Disc Sw	Location	servation, E 1 : Electrico	Extent : Light, Area 11 Room Service Disconnec			5		
Switchgear / Switchboard	Ехрійни	lion . Main	Service Disconnec	i Swiich	Kalea Al 400 Amp	eres.		
Molded Case Bkrs	100%			2050	* *	5	\$200	
Raceway	10070			2030		5	\$200	
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5		
Molded Case Bkrs	95%			2046	* *	5	\$200	
Wiring Thermoplastic	100%			2050	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
ighting								
Interior Lighting	050/			2025	* *	10	\$5.500	
Fluorescent	•	s And Fixtu	res, Extent : Light, out The Building	2035 Area Afj		10	\$5,500	
Fluorescent	5%	-		2035	* *	10	\$300	
	T-8 Lamp	s And Fixtu	res, Extent : Light, ical Room And Elec	Area Afj			4000	
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	\$800	
Exit, Service	50%			2035	~ ^	1		

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

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

### Asset # : 13320

		3320				
Electrical	Current Repair	Future Replacem	nent	Μ	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priorit
ighting						
Exterior Lighting	200/	2025	* *	10		
HID No Common ent	30%	2035	* *	10		
No Component	70%					
Security System						
No Component	30%					
Generic	70%	2035	* *	1	\$1,700	
	Other Observation, Extent : Light, Are					
	Location : Reading Areas, Outside F					
	Explanation : CCTV Surveillance C	Cameras				
Fire/Smoke Detection	1000/	2025	* *	1.2	¢2.000	
Generic, Digital	100% Other Observation, Extent : Light, Arc	2035 eq Affected : 100%	-1- <b>T</b>	1-3	\$3,900	
	Location : Throughout The Building					
	Explanation : Strobe Lights, Manual		ells. Sn	noke Det	ectors And Horns	
	1		-,~~			
Mechanical	Current Repair	Future Replacem	nent	М	aintenance	
System	% of Fail Date Estimated Cos	t Year Estimated	Cost	Cycle	<b>Estimated</b> Cost	Priori
Component Type	Total (Years)	FY		(Yrs)		
Ieating						
Energy Source						
Natural Gas	100%	2050	* *	1		
	10070	2050		1		
Conversion Equipment	10070	2030		1		
	100%	2035	* *	1	\$3,100	
Conversion Equipment	100% Other Observation, Extent : Light, Ard	2035	* *		\$3,100	
Conversion Equipment	100% Other Observation, Extent : Light, Arc Location : Roof	2035 ea Affected : 100%	* *		\$3,100	
Conversion Equipment Furnace	100% Other Observation, Extent : Light, Ard	2035 ea Affected : 100%	* *		\$3,100	
Conversion Equipment Furnace	100% Other Observation, Extent : Light, Arc Location : Roof	2035 ea Affected : 100%	* *		\$3,100	
Conversion Equipment Furnace Air Conditioning Energy Source	100% Other Observation, Extent : Light, Ard Location : Roof Explanation : 1 Rooftop Package Un	2035 ea Affected : 100% nit	* *	1	\$3,100	
Conversion Equipment Furnace ir Conditioning Energy Source Electricity	100% Other Observation, Extent : Light, Arc Location : Roof	2035 ea Affected : 100%			\$3,100	
Conversion Equipment Furnace .ir Conditioning Energy Source	100% Other Observation, Extent : Light, Ard Location : Roof Explanation : 1 Rooftop Package Un	2035 ea Affected : 100% nit		1	\$3,100	
Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment	100% Other Observation, Extent : Light, Arc Location : Roof Explanation : 1 Rooftop Package Un 100%	2035 ea Affected : 100% nit 2046	* *	1		
Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	100% Other Observation, Extent : Light, Are Location : Roof Explanation : 1 Rooftop Package Un 100% 100% R-22 Refrigerant, Extent : Light, Area	2035 ea Affected : 100% nit 2046 2035	* *	1		
Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	100% Other Observation, Extent : Light, Ard Location : Roof Explanation : 1 Rooftop Package Un 100% 100% R-22 Refrigerant, Extent : Light, Area Location : 1 Unit On Roof	2035 ea Affected : 100% nit 2046 2035 : Affected : 100%	* *	1		
Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	100% Other Observation, Extent : Light, Are Location : Roof Explanation : 1 Rooftop Package Un 100% R-22 Refrigerant, Extent : Light, Area Location : 1 Unit On Roof Other Observation, Extent : Light, Area	2035 ea Affected : 100% nit 2046 2035 : Affected : 100%	* *	1		
Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit -	100% Other Observation, Extent : Light, Are Location : Roof Explanation : 1 Rooftop Package Un 100% R-22 Refrigerant, Extent : Light, Area Location : 1 Unit On Roof Other Observation, Extent : Light, Area Location : Throughout	2035 ea Affected : 100% nit 2046 2035 : Affected : 100% ea Affected : 100%	**	1		
Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling	100% Other Observation, Extent : Light, Are Location : Roof Explanation : 1 Rooftop Package Un 100% R-22 Refrigerant, Extent : Light, Area Location : 1 Unit On Roof Other Observation, Extent : Light, Area	2035 ea Affected : 100% nit 2046 2035 : Affected : 100% ea Affected : 100%	**	1		
Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling	100% Other Observation, Extent : Light, Are Location : Roof Explanation : 1 Rooftop Package Un 100% R-22 Refrigerant, Extent : Light, Area Location : 1 Unit On Roof Other Observation, Extent : Light, Area Location : Throughout	2035 ea Affected : 100% nit 2046 2035 : Affected : 100% ea Affected : 100%	**	1		
Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling	100% Other Observation, Extent : Light, Are Location : Roof Explanation : 1 Rooftop Package Un 100% 100% R-22 Refrigerant, Extent : Light, Area Location : 1 Unit On Roof Other Observation, Extent : Light, Area Location : Throughout Explanation : There Is No Temperat	2035 ea Affected : 100% nit 2046 2035 e Affected : 100% ea Affected : 100% ure Control In The Bui	**	1 1 2	\$400	
Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling	100% Other Observation, Extent : Light, Are Location : Roof Explanation : 1 Rooftop Package Un 100% R-22 Refrigerant, Extent : Light, Area Location : 1 Unit On Roof Other Observation, Extent : Light, Area Location : Throughout	2035 ea Affected : 100% nit 2046 2035 : Affected : 100% ea Affected : 100%	* * * *	1		
Conversion Equipment Furnace         Air Conditioning Energy Source Electricity         Conversion Equipment Ext Pkg Unit - Heating/Cooling         /entilation Distribution	100% Other Observation, Extent : Light, Are Location : Roof Explanation : 1 Rooftop Package Un 100% 100% R-22 Refrigerant, Extent : Light, Area Location : 1 Unit On Roof Other Observation, Extent : Light, Area Location : Throughout Explanation : There Is No Temperat	2035 ea Affected : 100% nit 2046 2035 e Affected : 100% ea Affected : 100% ure Control In The Bui	* * * *	1 1 2	\$400	
Conversion Equipment Furnace Air Conditioning Energy Source Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling Ventilation Distribution Ductwork/Diffusers Exhaust Fans	100% Other Observation, Extent : Light, Area Location : Roof Explanation : 1 Rooftop Package Un 100% 100% R-22 Refrigerant, Extent : Light, Area Location : 1 Unit On Roof Other Observation, Extent : Light, Area Location : Throughout Explanation : There Is No Temperat	2035 ea Affected : 100% nit 2046 2035 Affected : 100% ea Affected : 100% ure Control In The Bui LIFE	* * * *	1 1 2 2-5	\$400	
Conversion Equipment Furnace         Air Conditioning Energy Source         Electricity         Conversion Equipment         Ext Pkg Unit - Heating/Cooling         Ventilation         Distribution         Ductwork/Diffusers         Exhaust Fans Roof	100% Other Observation, Extent : Light, Area Location : Roof Explanation : 1 Rooftop Package Un 100% 100% R-22 Refrigerant, Extent : Light, Area Location : 1 Unit On Roof Other Observation, Extent : Light, Area Location : Throughout Explanation : There Is No Temperat	2035 ea Affected : 100% nit 2046 2035 Affected : 100% ea Affected : 100% ure Control In The Bui LIFE	* * * *	1 1 2 2-5	\$400	

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

Asset # : 13320

Mechanical		Current R	lepair	Futur	e Replacement	М	aintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2025	\$3,800	2	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2035	* *	4	\$300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Obse	rvation, E	xtent : Light, Area	Affected	: 100%			
	Location :	Sub-base	ment To 1st Floor					
	Explanation	on : 1 Unit	t					

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

### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: WOODHAVEN BRANCH LIBRARY		
Address	: 85-41 FOREST PKWY.		
Borough	: QUEENS	Agency's Number	: WN
Program / Asset #	: QPL0W63.000 / 13321	Yr Built/Renovated	: 1928 / 1999
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 2021 - 2024		FY 2025 - 2030
Exterior Architecture				\$175,600
Interior Architecture				\$38,600
Electrical		\$82,600		\$57,900
Mechanical				\$312,000
Total		\$82,600		\$584,200
Importance Code A				\$175,600
Importance Code B		\$82,600		\$408,600
Total		\$82,600		\$584,200
EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Entenion Analitestan	\$22,000			

Exterior Architecture	\$33,000			
Interior Architecture	\$7,100	\$500	\$2,700	\$400
Electrical	\$8,100	\$17,700	\$600	\$700
Mechanical	\$22,600	\$1,200	\$6,300	\$1,200
Total	\$70,800	\$19,400	\$9,600	\$2,200
Importance Code A	\$33,800	\$1,000	\$900	\$900
Importance Code B	\$31,300	\$18,400	\$8,800	\$1,400
Importance Code C	\$5,600			
Total	\$70,800	\$19,400	\$9,600	\$2,200



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

Maintenance & are aggregated over a 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

			ASSet # . 13						
rchitecture		Current Repair Future Replacement Maintenance					aintenance		
ystem	% of	Fail Date	<b>Estimated</b> Cost	Vear	<b>Estimated</b> Cost	Cycle	<b>Estimated</b> Cost	Priorit	
Component	Total	(Years)	Litillated Cost	FY	Estimated Cost	(Yrs)	Listinated Cost	1 1 1011	
Туре		( )				( )			
terior									
Exterior Walls	100/					-			
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$17,400		
Masonry: Brick	90%			LIFE	* *	5	\$20,100		
Windows	4000/			• • • • •	ala ala	_	<b>**</b> • • • •		
Aluminum	100%			2035	* *	5	\$2,300		
Parapets	4.0.0.(		<b>*</b> •• <b>-</b> •••		at at	_	<b>**</b>		
Cast Stone/Terra Cotta		Now	\$9,700	LIFE	* *	5	\$2,800		
			Extent : Moderate, 2	Area Affe	cted : 20%				
		: Upper R	-						
			Extent : Moderate, .	Area Affe	ected : 20%				
		: Upper R	-						
	_		red With Temporal	ry Waterp					
Masonry: Brick		Now	\$19,800	LIFE	* *	5	\$3,200		
			Extent : Moderate, .		ected : 15%				
	Location	: Between	Lower And Upper	Roof					
	Explana	tion : Cove	red With Temporal	ry Waterp	proof Membrane				
Roof									
Modified Bitumen	100%	4+	\$3,500	2027	\$175,600				
	Alligatorii	ig, Extent .	: Light, Area Affect	ed : 50%					
	Location	: Through	out						
terior									
Floors									
Carpet	35%			2026	\$62,700	3	\$7,000		
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	\$1,200		
Vinyl Tile 9" X 9"	25%			2027	\$38,600	3	\$1,700		
Interior Walls					-		-		
Ceramic Tile	5%			2036	* *	5	\$1,700		
Concrete Masonry Unit	5%			LIFE	* *	5	\$700		
Plaster	85%	4+	\$4,800	LIFE	* *	5	\$8,500		
			, Extent : Light, Ar		ed : 1%				
			throom In Basemen						
	Water Per	etration, E	Extent : Light, Area	Affected	: 10%				
			throom In Basemen						
Wood	5%	55		LIFE	* *	5	\$6,700		
Ceilings	570					5	\$0,700		
Gypsum Board	80%			LIFE	* *	5	\$13,300		
• •	80% 20%	4.1	¢700	LIFE	* *				
Plaster		4+ Crumbling	\$700 Extent : Light Ar			5	\$1,700		
	-	-	, Extent : Light, Art throom In Basemen		zu . 170				
	LOCANON	. зау ва	unroom in dasemen	ı					
te Enclosure									
Fence/Gates	400/			2047	* *				
Chain Link	40%			2047	* *				
Iron Picket te Pavements	60%			2062	~ ^				

Site Pavements

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

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

Asset # : 13321

			ASSel # . 13							
Architecture		Current I	Repair	Futur	e Replacement	М	Maintenance			
System	% of	Fail Date	Estimated Cost		Estimated Cost	Cycle	<b>Estimated</b> Cost	Priorit		
Component Type	Total	(Years)	2.50	FY	25000000000	(Yrs)	Listinated Cost	111011		
ite Pavements										
On-Site Walkways										
Cast in Place Concrete	100%			2040	* *					
Electrical		Current I	Repair	Futur	e Replacement	Μ	aintenance			
System	% of	Fail Date	<b>Estimated</b> Cost	Year	<b>Estimated</b> Cost	Cycle	<b>Estimated</b> Cost	Priorit		
Component Type	Total	(Years)		FY		(Yrs)				
Inder 600 Volts								-		
Service Equipment										
Molded Case Bkrs	100%			2027	\$1,600	5	\$200			
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%					
	Location	: Basemer	nt Electrical Room							
	Explana	tion : Ratin	g Is Not Available							
Raceway										
Conduit	95%			2027	\$31,500	1				
Conduit	5%			2037	* *	1				
Panelboards	000/			2026	¢14 <b>2</b> 00	-	¢200			
Molded Case Bkrs	90%			2026	\$14,200 * *	5	\$200			
Molded Case Bkrs	10%			2035	* *	5				
Wiring Braided Cloth	25%	2-4	\$7,300	2052	* *	1				
Braided Cloth			\$7,500 ent : Light, Area Af	2052 Fected • 1		1				
		: Basemen			0070					
Thermoplastic	75%	. Busenier		2037	* *	1				
Motor Controllers	1370			2037		1				
Locally Mounted	100%			2025	\$16,000	5	\$100			
Fround	10070			2023	\$10,000	5	\$100			
Grounding Devices										
Generic	100%			LIFE	* *	5	\$100			
Concile			Extent : Moderate, A		cted : 100%	5	<b>\$100</b>			
		: Basemer		55						
	Explana	tion : There	e Is No Ground Wil	re Jumpe	r At The Water Me	eter.				
ighting	_									
Interior Lighting										
Fluorescent	88%			2022	\$82,600	10	\$7,200			
			Extent : Light, Area	Affected	: 100%					
		: Through								
	-		g T-12 Lamps							
Fluorescent	10%			2027	\$9,400	10	\$800			
			Extent : Light, Area	Affected	: 100%					
		e : First Flo								
			g T-8 Lamps							
HID	2%			2027	\$1,300	10				
Egress Lighting							• • • •			
Emergency, Battery	50%			2022	\$6,300	10	\$1,100			
Exit, Battery	50%			2022	\$2,200	10	\$300			

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.* 

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#### Asset # : 13321

			A5561#. 13					
Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
larm								
Security System								
Generic	100%			2027	\$28,400	1	\$3,300	
Fire/Smoke Detection					4_0,		+=,= = =	
No Component	50%							
Generic, Digital	50%			2027	\$48,600	1-3	\$2,800	
Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Data	Estimated Cost	Voor	<b>Estimated</b> Cost	Cycle	Estimated Cost	Priorit
Component Type	Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	1 1 101 10
leating								
Energy Source								
Natural Gas	100%			2047	* *	1		
Conversion Equipment Steam Boiler	100%			2032	* *	1	\$8,800	
Distribution	10070			2052		1	\$0,000	
Central Plant Steam Piping/Pmp	100%			2037	* *	4	\$700	
i iping i inp	Other Obse	ervation, E	xtent : Light, Area	Affected	: 100%			
		: Basemen	-					
	Explanati	ion : Not In	ısulated					
Terminal Devices								
Convector/Radiator	100%			2032	* *	1	\$2,900	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment Interior Pkg Unit - Cooling	95%	Now	\$15,600	2025	\$312,000	2	\$400	
5		Endand . M	1					
	Damagea, .	Extent : M	oderate, Area Affe	cted : 10	%			
	0	Extent : M : Basemen		cted : 10	%			
	Location Other Obse	: Basemen ervation, E	t xtent : Moderate, 2					
	Location Other Obse Location	: Basemen ervation, E : Basemen	t xtent : Moderate, 2 t	1rea Affe				
	Location Other Obse Location Explanati	: Basemen ervation, E : Basemen	t xtent : Moderate, 2	1rea Affe uir	octed : 10%			
Split Unit	Location Other Obse Location	: Basemen ervation, E : Basemen	t xtent : Moderate, 2 t	1rea Affe				
Distribution	Location Other Obse Location Explanati 5%	: Basemen ervation, E : Basemen	t xtent : Moderate, 2 t	Area Affe air 2032	**			
Distribution Ductwork/Diffusers	Location Other Obse Location Explanati	: Basemen ervation, E : Basemen	t xtent : Moderate, 2 t	1rea Affe uir	octed : 10%	2	\$11,500	
Distribution Ductwork/Diffusers Heat Rejection Air Cooled Condenser	Location Other Obse Location Explanati 5%	: Basemen ervation, E : Basemen	t xtent : Moderate, 2 t	Area Affe air 2032	**	2 2	\$11,500 \$6,200	
Distribution Ductwork/Diffusers Heat Rejection	Location Other Obse Location Explanati 5% 100%	: Basemen ervation, E : Basemen ion : Comp	t xtent : Moderate, 2 t	Area Affe tir 2032 LIFE 2027	** ** ** \$17,700			
Distribution Ductwork/Diffusers Heat Rejection Air Cooled Condenser	Location Other Obse Location Explanati 5% 100% 100% Other Obse Location	: Basemen ervation, E : Basemen ion : Comp ion : Comp : Roof	t xtent : Moderate, 2 t rressor Needs Repo	Area Affe tir 2032 LIFE 2027	** ** ** \$17,700			
Distribution Ductwork/Diffusers Heat Rejection Air Cooled Condenser Unit	Location Other Obse Location Explanati 5% 100% 100% Other Obse Location	: Basemen ervation, E : Basemen ion : Comp ion : Comp : Roof	t xtent : Moderate, A t pressor Needs Repa	Area Affe tir 2032 LIFE 2027	** ** ** \$17,700			
Distribution Ductwork/Diffusers Heat Rejection Air Cooled Condenser	Location Other Obse Location Explanati 5% 100% 100% Other Obse Location	: Basemen ervation, E : Basemen ion : Comp ion : Comp : Roof	t xtent : Moderate, A t pressor Needs Repa	Area Affe tir 2032 LIFE 2027	** ** ** \$17,700			

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#### Asset # : 13321

Mechanical		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
Ventilation									
Exhaust Fans									
Roof	100%	Now	\$4,400	2037	* *	2	\$200		
	Broken, Ex Location		erate, Area Affecte	ed : 100%					
Plumbing									
H/C Water Piping									
Brass/Copper	10%			2047	* *	1			
Galvanized Steel	90%			2032	* *	1			
Water Heater									
Gas Fired	100%			2025	\$5,400	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%								

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### Print Date : 12-Sep-2019 QUEENS PUBLIC LIBRARY - FY 2020

Asset Name	: WOODSIDE BRANCH LIBRARY		
Address	: 54-22 SKILLMAN AVE.		
Borough	: QUEENS	Agency's Number	: WS
Program / Asset #	: QPL0W64.000 / 13322	Yr Built/Renovated	÷ 1931 / 1999
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 2021 - 2024	FY 2025 - 2030
Exterior Architecture	\$185,600	\$104,600
Interior Architecture		\$32,400
Electrical	\$6,400	\$208,000
Mechanical		\$149,500
Total	\$192,000	\$494,500
Importance Code A	\$185,600	\$104,600
Importance Code B	\$6,400	\$389,900
Total	\$192,000	\$494,500

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	\$23,800		\$100	\$1,000
Interior Architecture	\$100,900	\$1,500		\$4,300
Electrical	\$10,200	\$1,200	\$3,500	\$1,400
Mechanical	\$13,400	\$1,300	\$9,500	\$1,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$152,200	\$8,000	\$17,000	\$12,200
Importance Code A	\$24,700	\$1,000	\$1,200	\$2,000
Importance Code B	\$126,400	\$6,400	\$15,800	\$10,200
Importance Code C	\$1,100	\$600		
Total	\$152,200	\$8,000	\$17,000	\$12,200



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### Asset # : 13322

chitecture	Current Repair Future Replacement			Maintenance		
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priorit	
erior						
Exterior Walls						
Masonry: Brick	85% Now \$95,400 Cracking/Crumbling, Extent : Light, An Location : East Facade, Near Main E Jnt Mortar Miss/Erod, Extent : Modera Location : Throughout	Intrance	5	\$29,900		
Masonry: Limestone	10% Now \$90,200 Cracking/Crumbling, Extent : Light, Ar Location : North Facade Jnt Mortar Miss/Erod, Extent : Modera Location : Cornice And Horizontal Ba Staining/Discoloring, Extent : Moderat Location : Cornice	tte, Area Affected : 25% ands	5	\$2,600		
Pre-Cast Concrete	5%	LIFE **	5	\$5,700		
Windows						
Aluminum	100%	2044 **	5	\$2,000		
Parapets						
Masonry: Brick	72%	LIFE **	5	\$600		
Masonry: Limestone	5%	LIFE **	5	\$100		
Metal Panel	Other Observation, Extent : Moderate, Location : Coping Explanation : Coping Covered With M 3%		5	\$100		
Metal: Cage/Fence	20%	2041 **	5-10	\$1,400		
Roof	-	-		÷-,		
Asphalt Shingle Modified Bitumen	60% 40% Now \$20,900 Miss/Damaged Flashings, Extent : Mod Location : Over Staff Restroom Water Penetration, Extent : Moderate, Location : Over Staff Restroom		10	\$1,800		
Soffits Masonry: Limestone	100% 4+ \$200 Jnt Mortar Miss/Erod, Extent : Light, A Location : 55 Street	LIFE ** Area Affected : 5%	5			

Interior

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

### Asset # : 13322

Arabitaatura		0	A55et # . 15					
Architecture		Current I			re Replacement		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								8
Floors								
Carpet		Now	\$97,400	2030	\$97,400	3	\$10,800	
		-	amage, Extent : Se	vere, Ar	ea Affected : 50%			
		1 : Various						
			Extent : Severe, A	rea Affe	cted : 20%			
		1 : Various		1.00	1 2007			
		ibstrate, Ex 1 : Various	tent : Severe, Area	Affected	1:30%			
						_		
Cast in Place Concrete	5%			LIFE	* *	5	\$2,000	
Ceramic Tile	5%			2037	* *	5	\$900	
Vinyl Tile	30%			2036		3	\$2,700	
Vinyl Tile	20%			2028	\$32,400	3	\$1,400	
Interior Walls Ceramic Tile	5%			2037	* *	5	\$1,200	
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,200	
Plaster	80%			LIFE	* *	5	\$6,000	
Plaster		Now	\$1,100	LIFE	* *	5	\$400	
	Cracking/		Extent : Moderate		ffected : 10%	5	\$100	
			xtent : Moderate, A	Area Affe	ected : 10%			
		i : Boiler R		55				
Ceilings								
AcousTileSusp.Lay-In	5%			2041	* *	5	\$900	
Exposed Struc: Wood	35%			LIFE	* *			
Plaster	55%			LIFE	* *	5	\$6,500	
Plaster	5%		\$1,300	LIFE	* *	5	\$600	
	-	-	Extent : Moderate	-	ffected : 10%			
			oom And Staff Rest		1 100/			
			xtent : Moderate, A		ected : 10%			
	Location	i : Boiler R	oom And Staff Rest	room				
Site Enclosure								
Fence/Gates Iron Picket	100%			2063	* *			
Retaining Walls	10070			2003				
Cast in Place Concrete	100%			2063	* *			
Site Pavements	10070			2005				
Public Sidewalk								
Cast in Place Concrete	100%			2041	* *			
On-Site Walkways				-				
Cast in Place Concrete	100%			2041	* *			
Electrical		Current I	Repair	Futu	re Replacement		aintenance	
System Component			Estimated Cost		<b>Estimated</b> Cost	•	<b>Estimated</b> Cost	Priority
Туре	Total	(Years)		FY		(Yrs)		

Under 600 Volts

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

### Asset # : 13322

Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated ( (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts							
Service Equipment							
Molded Case Bkrs	Location	ervation, Extent : Moder : Electrical Room tion : Main Service Rated			5	\$300	
Switchgear / Switchboard Molded Case Bkrs	100%		2028	\$34,200	5	\$300	
Raceway							
Conduit	50%		2028	\$16,600	1		
Conduit	50%		2048	* *	1		
Panelboards							
Fused Disc Sw	10%		2044	* *	5		
Molded Case Bkrs	50%		2044	* *	5	\$200	
Molded Case Bkrs	40%		2027	\$6,300	5	\$100	
Wiring Braided Cloth		2-4 \$8,8 Aged, Extent : Moderate : Upper Floors		* * d : 100%	1		
Thermoplastic	70%		2048	* *	1		
Ground Grounding Devices Generic	Location	rervation, Extent : Moder : Basement tion : Connected To Mete		* * cted : 100%	5	\$200	
Lighting							
Interior Lighting	0.50/		2020	¢101.000	10	¢10.500	
Fluorescent	-	s And Fixtures, Extent : 1 : Throughout The Build		\$121,300 a Affected : 100%	10	\$10,500	
Fluorescent	-	ps And Fixtures, Extent : a : Basement	2023 Moderate, Are	\$6,400 ea Affected : 100%	10	\$600	
Egress Lighting							
Emergency, Battery	50%		2033	* *	10	\$1,500	
Exit, Service	50%		2033	* *	1		
Exterior Lighting HID	100%		2028	\$48,100	10		
larm							
Security System	1000/		2020	¢20 (00	1	¢ 4 500	
Generic	Location	ervation, Extent : Moder : Outside And Inside			1	\$4,500	
	Explana	tion : CCTV Surveillance	e Cameras And	l Intrusion Alarm			

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### Asset # : 13322

Electrical	Current Repair			Futur	e Replacement	М		
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
llarm Fire/Smoke Detection Generic, Analog	Location	: Throughout	-		* * ected : 100% Pull Station And S	1-3 Strobe Lig	\$7,700 ghts	
Mechanical		Current Rep	air	Futur	e Replacement	м	aintenance	
System Component Type	% of Total		stimated Cost		Estimated Cost		Estimated Cost	Priority
leating Energy Source Natural Gas	100%			2048	* *	1		
Conversion Equipment Furnace	Location	: Roof	nt : Light, Area p Package Unit		**	1	\$2,400	
Steam Boiler	60% Recent Ins Location Other Obs Location	tallation, Exte : Boiler Roon	nt : Light, Area n nt : Light, Area	2048 Affected		1	\$7,200	
Distribution Central Plant Steam Piping/Pmp	60% Leak Evid	Now	\$12,100 evere, Area Affe	2038 ected : 60	* *	4	\$400	
No Component	40%	. Intought						
Terminal Devices Convector/Radiator No Component	60% 40%			2033	* *	1	\$2,300	
ir Conditioning Energy Source Electricity	100%			2036	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	-	-	t : Light, Area A	2028 ffected :	\$149,500 100%	2	\$700	
/	Location	: Roof						
entilation Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,700	
Exhaust Fans Roof	100%			2033	* *	2	\$400	

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Asset # : 13322

Mechanical	Current Repair	Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
lumbing							
H/C Water Piping							
Brass/Copper	100%	2038	* *	1			
Water Heater							
Gas Fired	100%	2023	\$7,300	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	\$300		
Fixtures							
Generic	100%						
ertical Transport							
Elevators							
Gearless Traction	100%	LIFE	* *				
	Other Observation, Extent : Lig	ght, Area Affected	: 100%				
	Location : 1, Mezzanine, 2						
	Explanation : 1 Unit						

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 Note :
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