Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BRONX 12 GARAGE

Address : 1635 EAST 233RD ST. @ PROVOST AVE.

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOS0037.000 / 4133 Yr Built/Renovated : 1992 /

Area Sq Ft : 115,996 Project Type : SANITATION

Date of Survey : 05-Aug-2014 Landmark Status : NONE

Areas Surveyed : Floors 1,2

Block : 4974 Lot : 28 BIN : 2090261

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$2,299,600	\$843,800
Interior Architecture	\$2,704,700	\$375,000
Electrical	\$121,700	\$427,800
Mechanical	\$279,000	\$76,600
Total	\$5,405,000	\$1,723,100
Importance Code A	\$2,341,100	\$843,800
Importance Code B	\$2,512,900	\$879,300
Importance Code C	\$551,100	
Total	\$5,405,000	\$1,723,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$4,200			_
Interior Architecture	\$29,300			\$1,400
Electrical	\$2,200	\$5,800	\$2,200	\$9,900
Mechanical	\$73,200	\$27,200	\$29,100	\$117,600
Total	\$108,800	\$33,000	\$31,300	\$129,000
Importance Code A	\$36,400	\$5,700	\$5,700	\$6,000
Importance Code B	\$43,100	\$27,300	\$25,600	\$123,000
Importance Code C	\$29,300			
Total	\$108,800	\$33,000	\$31,300	\$129,000



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

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

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Exterior Walls Masonry: Brick	50% Now \$438,0 Cracking/Crumbling, Extent: Light Location: Throughout		5	\$74,300	
Metal Coiling Doors	50% Now \$823,7 Broken/Missing Elements, Extent : Location : Throughout		5	\$116,100	
Windows Aluminum	95% Now \$66,4 Ctrwt/Balnc Not Funct, Extent : M Location : Throughout		5	\$2,700	
Glass Block	5% Now \$4,7 Broken/Missing Elements, Extent : Location : Throughout		5	\$200	
Parapets					
Masonry: Brick	100% 0-2 \$96,9 Cracking/Crumbling, Extent: Mod Location: Throughout Efflorescence, Extent: Light, Area Location: Mechanical Penthous	lerate, Area Affected : 20% Affected : 5%	5	\$17,200	
Roof					
Built-Up (BUR)	85% Now \$130,7 Miss/Damaged Flashings, Extent: Location: Throughout Water Penetration, Extent: Light, Location: Mechanics Area Worn/Eroded, Extent: Moderate, Location: Throughout	Moderate, Area Affected: 20% Area Affected: 10%			
Skylight, Metal/Glass	15% Now \$743,9 Broken/Missing Elements, Extent : Location : Throughout				
nterior					
Floors	7750/ NI #500	200 LIEE ***	~	#277 000	
Cast in Place Concrete	75% Now \$522,3 Cracking/Crumbling, Extent : Mod Location : Throughout		5	\$375,000	
Ceramic Tile	20% 0-2 \$86,5 Cracking/Crumbling, Extent : Mod Location : Throughout		5	\$22,900	
Vinyl Tile	5% Now \$94,9 Punct/Tear/Impact Damage, Extended Location: Throughout		3	\$4,300	

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

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

Asset #: 4133

Architecture		Current Repair		Futur	Future Replacement		Maintenance	
system Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Interior Walls								
Cast in Place Concrete	15%		\$259,900	LIFE	* *			
	_	_	Extent: Light, Are	ea Affect	ed : 5%			
		ı : Through						
Concrete Masonry Unit	50%	~ —	\$202,800	LIFE	* *	5	\$18,700	
	_		Extent: Moderate	, Area Aj	ffected : 20%			
		ı : Through						
Glass: Single Pane	5%		\$27,400	LIFE	* *	5	\$3,500	
	_		tent : Moderate, Ar	ea Affec	ted : 20%			
	Location	ı : Through	out					
Gypsum Board	5%	0-2	\$1,900	LIFE	* *	5	\$2,800	
	_	_	Extent: Moderate	, Area Aj	ffected : 20%			
	Location	ı : Through	out					
SGFT/Glazed Masonry	25%	2-4	\$88,400	LIFE	* *			
	_	Crumbling, 1 : Through	Extent : Moderate out	, Area A	ffected : 20%			
Ceilings								
AcousTileSusp.Lay-In	25%	Now	\$225,700	2031	* *	5	\$28,600	
		_	ents, Extent : Seve	re, Area	Affected : 100%			
	Location	ı : Through	out					
Exposed Concrete	35%	Now	\$754,100	LIFE	* *	5	\$12,500	
		_	xtent : Moderate, A					
	Location	ı : Through	out Basement And	Undersid	le Of Ramp			
	Cracking/	Crumbling,	Extent: Severe, A	rea Affec	rted : 20%			
			out Basement And					
	•		ent, Extent : Moder					
	Location	ı : Through	out Basement And	Undersid	le Of Ramp			
Exposed Struc: Steel	40%		\$470,100	LIFE	* *			
			xtent : Light, Area	Affected	: 10%			
	Location	ı : Through	out					

Electrical	Current Repair	Future Replacem	ent	М	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2036	* *	5	\$500	
	Other Observation, Extent: Moderate,	Area Affected : 100%				
	Location: Electrical Room					
	Explanation: One 3000 Amps; One 8	00 Amps And One 60	0 Amp	s Main D	isconnect Switch	
Switchgear / Switchboard						
Fused Disc Sw	100%	2036	* *	5	\$500	
Raceway						
Conduit	100%	2036	* *	1		

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

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

Asset #: 4133

Electrical	Current Re	pair Futu	re Replacement	M		
System Component Type	% of Fail Date I Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards						
Fused Disc Sw	5%	2034	* *	5	\$100	
Molded Case Bkrs	95%	2034	* *	5	\$2,900	
Wiring						
Thermoplastic	100%	2036	* *	1		
Motor Controllers	40	-004		_	4.00	
Locally Mounted	10%	2031	* *	5	\$100	
Motor Control Center	90%	2031	* *	5	\$2,800	
Ground						
Grounding Devices	100%	LIFE	* *	5	¢1.700	
Generic		LIFE ent : Moderate, Area Aff		5	\$1,700	
	Location : Mechanica		естей . 100/0			
		a Room eted With Main Water Pip	10			
Lighting	Explanation : Connec	ica wiii maii water i i	,,,			
Interior Lighting						
Fluorescent	50%	2031	* *	10	\$53,200	
		ent : Moderate, Area Aff	ected : 100%		, ,	
	Location: Throughou	nt .				
	Explanation: Using T	T-8 Lamps				
HID	50%	2031	* *	10	\$1,900	
Egress Lighting						
Exit, Service	50%	2031	* *	1		
	Not Functioning, Exten	t : Moderate, Area Affec	ted : 100%			
	Location: Throughou	nt .				
Exit, Battery	50%	2031	* *	10	\$3,900	
Exterior Lighting						
HID	100%	2026	\$427,800	10	\$400	
Lightning Protection						
Arresters/Cabling						
Generic	100%	2029	* *	5	\$3,400	
Alarm						
Security System	000/					
No Component	80%	***	A 50 #00		40 5 00	
Generic	20%	2021	\$68,500	1	\$8,700	
Fire/Smoke Detection	000/					
No Component	80%	2021	* *	1.2	¢14200	
Generic, Analog	20%	2031	~ *	1-3	\$14,300	

Mechanical	Curren	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Fuel Oil No 2	25%		2036	* *	5	\$9,000	
Natural Gas	75%		2036	* *	1		

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

Asset #: 4133

Mechanical	Current Repair F		Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Conversion Equipment							
Furnace	20% Now Unit Inoperable, Exte Location: Garage Other Observation, E Location: Through Explanation: Appr	Extent : Severe, Are out The Garage	a Affecte	d : 20%	1	\$10,300	1
Furnace	30%	ommunery 15 ora e	2031	**	1	\$17,200	
rumace	Other Observation, E Location: Through Explanation: Appr	out The Garage	Affected	: 30%	1	\$17,200	
Furnace	30%	<u> </u>	2021	\$41,500	1	\$17,200	
	Other Observation, E Location : 2nd Floo Explanation : 4 Old	or Fan Rooms				¥-1,-11	
Hot Water Boiler	20%		2039	* *	1	\$11,500	
	Other Observation, E Location : Boiler R Explanation : 2 Un	oom	Affected	: 20%			
Distribution							
Hot Wtr Piping/Pump No Component	20% 80%		2034	* *	4	\$1,700	
Terminal Devices	0070						
Air Handler	15%		2021	\$91,600	1	\$10,800	
Convector/Radiator	5%		2031	* *	1	\$1,900	
No Component	80%					, ,	
Air Conditioning							
Energy Source							
Electricity	100%		2034	* *	1		
Conversion Equipment Interior Pkg Unit - Cooling	10%		2020	\$145,900	2	\$700	
2338	R-22 Refrigerant, Ex. Location: 1 Very C	-					
Window/Wall Unit	10%		2021	\$23,300	1		
No Component	80%		 .	7 - 2,200	-		
Heat Rejection							
Air Condenser Unit	10%		2021	\$4,500	2	\$8,100	
No Component	90%			. ,		. ,	
Ventilation Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$64,700	
Exhaust Fans						÷0.,,00	
Interior	15%		2021	\$18,800	2	\$500	
Roof	85%		2026	\$76,600	2	\$3,000	
Plumbing				7.0,000		Ψ2,030	

Plumbing

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

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

Mechanical		Current 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
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	70%			2025	\$18,400	2	\$1,200	
Gas Fired	30%			2019	\$7,900	2	\$500	
Sanitary Piping								
Cast Iron	100%	Now	\$12,300	LIFE	* *	1		
	_		Extent : Moderate, .					
	Location	: Water B	ackup At Wash Bay	And Ga	rage Floor During	Rain		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2026	\$10,800	4	\$2,500	
Fixtures								
Generic	100%							
	_		, Extent : Severe, A	rea Affe	cted : 5%			
	Location	: Toilets A	and Showers					
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	\$60,600	
Sprinkler								
Generic	100%			2036	* *	1-2	\$32,500	
Fire Pump								
Generic	100%	Now	\$8,400	2029	* *	1	\$19,500	
			evere, Area Affecte	d: 10%				
	Location	: Water Si	upply Room					
Chemical System								
Generic	100%			2021	\$25,500	1-3	\$55,000	
			Extent : Light, Area		: 100%			
	Location	: Top Of C	Gas Refill Stations,	Garage				
	Explanat	ion : 2 Set.	S					

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BRONX 3A GARAGE
Address : 1661 WEST FARMS ROAD

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOS0068.000 / 14759 Yr Built/Renovated : 1929 /

Area Sq Ft : 14,711 Project Type : SANITATION

Date of Survey : 13-Jun-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 3015 Lot : 49 BIN : 2010954

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$641,100	
Interior Architecture	\$306,400	\$56,800
Electrical		\$54,300
Total	\$947,500	\$111,100
Importance Code A	\$641,100	
Importance Code B	\$268,700	\$111,100
Importance Code C	\$37,700	
Total	\$947,500	\$111,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$38,100		\$100	
Interior Architecture	\$8,300		\$300	\$300
Electrical	\$200		\$100	\$200
Mechanical	\$8,900	\$2,100	\$4,400	\$2,100
Total	\$55,500	\$2,100	\$4,900	\$2,500
Importance Code A	\$39,400	\$1,300	\$1,500	\$1,300
Importance Code B	\$11,500	\$800	\$3,400	\$1,200
Importance Code C	\$4,600			
Total	\$55,500	\$2,100	\$4.900	\$2,500



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

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

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Masonry: Brick	Location Cracking/C Location Diagonal C Location Horizontal Location Jnt Mortan Location	: West Fac Crumbling, : South Fa Cracks, Ex. : East And Cracks, E : South, E r Miss/Erod : Through	Extent : Moderate acade tent : Severe, Area I South Facades Extent : Moderate, A ast And West Faca I, Extent : Moderat	, Area A Affected Area Affe des e, Area A	ffected : 20% : 30% cted : 25% Affected : 40%	5	\$16,500	1
	Repointing Location Vertical C	g Failure, E : West And racks, Exte	Lintels And Above Extent: Moderate, A d South Facades ent: Severe, Area A l South Facades	Area Affe	ected : 50%			
Masonry: Fieldstone Metal Coiling Doors	-	4+ ped Elemen	\$13,700 ts, Extent : Modera oors	LIFE 2032 ute, Area	* * * * Affected : 15%	5 5	\$2,500 \$3,900	
		/Rusting, E : South Do	Extent : Moderate, A pors	Area Affe	cted : 20%			
Windows								
Aluminum	Location Caulking I Location Unit Inope	: Through Deteriorate : Exterior rable, Exte	ed, Extent : Severe, Of Windows ent : Severe, Area A	Area Aff	fected : 30%	5		
		: Office W ervation, E	andows Extent : Light, Area	Affected	! : 100%			
		: Through						
		tion : Prote	ective Metal Grilles					
Metal Louvers	10%			2030	* *	10	\$100	

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

Asset #: 14759

Architecture	Current Repair			Futur	Future Replacement			Maintenance		
system Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated (Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior										
Parapets										
Cast Stone/Terra Cotta	5%		\$10,400	LIFE		* *	5	\$600	1	
	_	Cracking/Crumbling, Extent: Severe, Area Affected: 35%								
			Stone Throughout		20.4					
			: Severe, Area Affo	ected : 30)%					
			Stone Throughout							
Masonry: Brick	85%		\$80,000	LIFE	250/	* *	5	\$1,400	1	
	_		tent : Severe, Area		: 25%					
			ast And West Faca		Affactad . 200	,				
		i : Through	l, Extent : Moderai	e, Area A	ijjeciea . 50%)				
		Ü	Sui Extent : Severe, Ar	ea Affect	ed · 35%					
		ı : All Faca		eu rijjeei	cu . 5570					
	Water Per	etration, E	xtent : Severe, Are	a Affecte	d : 20%					
			all - Rear Of Gara							
Masonry: Sandstone	5%	Now	\$7,200	LIFE		* *	5	\$100		
•	Worn/Eroded, Extent : Severe, Area Affected : 25%									
	Location	i : Coping T	Throughout							
			xtent : Light, Area		: 100%					
			Locations Through							
			Component Is Actu		tone Coping					
Pre-Cast Concrete	5%		\$2,900	LIFE		* *	5	\$500		
			: Severe, Area Affo		5%					
Desc	Location	i : various	Coping Stones Thr	ougnout						
Roof Modified Bitumen	90%	Now	\$210,400	2037		* *			1	
Wodffied Bituffien			ere, Area Affected .						1	
			Locations Through							
			ss, Extent : Moder		Affected: 30	%				
			neter Locations							
	Patching 1	Evident, Ex	tent : Moderate, Ai	rea Affec	ted : 30%					
	Location	i : Through	out							
			xtent : Severe, Are							
	Location	ı : Rear Wa	ll Of Garage And A	Above Br	eak Room					
Skylight, Metal/Glass	10%		\$59,300	2037		* *				
		_	ents, Extent : Seve	re, Area	Affected: 109	6				
	Location	ı : Over Ga	rage							

Interior

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

Asset #: 14759

Architecture	chitecture Current Repair		Repair	Futu	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nterior									
Floors									
Cast in Place Concrete	Location Worn/Ero	ed/Bulging, n : Various oded, Extent	\$53,700 Extent : Moderate, Locations Through : Moderate, Area	out Gar	age Area	5	\$38,500		
		n : Through	out						
Vinyl Tile	10%			2032	**	3	\$800		
Vinyl Tile			: Moderate, Area A out Offices	2022 Affected	\$18,300 : 50%	3	\$1,100		
Interior Walls									
Cast Stone/Terra Cotta		issing Elen	\$37,700 nents, Extent : Seve all Of Garage At O <u>f</u>		* * Affected : 10%				
Concrete Masonry Unit	20%			LIFE	* *	5	\$4,600		
Gypsum Board			\$2,300 Extent : Moderate	LIFE , Area Ą	* * ffected : 20%	5	\$6,900		
Ceilings									
AcousTileSusp.Lay-In	Broken/M Location Staining/I	20% 4+ \$3,500 2032 ** 5 \$2,200 Broken/Missing Elements, Extent: Moderate, Area Affected: 15% Location: Offices Staining/Discoloring, Extent: Moderate, Area Affected: 25% Location: Throughout Offices							
Exposed Struc: Wood	Dry Rot/L Location Other Ob. Location	80% Now \$215,100 LIFE ** The proof of the state of the s							

lectrical		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2027	\$1,400	5	\$100	
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$23,900	5	\$400	
Raceway								
Conduit	100%			2027	\$3,700	1		
Panelboards								
Fused Disc Sw	5%			2026	\$400	5		
Molded Case Bkrs	95%			2026	\$6,900	5	\$400	
Wiring								
Thermoplastic	100%			2027	\$8,000	1		

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

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

Asset #: 14759

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year 1 FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2025	\$14,100	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$400	
Lighting						
Interior Lighting						
Fluorescent	5%	2032	* *	10	\$700	
	T-5 Lamps And Fixtures, Extent: I					
	Location: Mechanic Shop					
Fluorescent	30%	2027	\$9,400	10	\$4,000	
	T-8 Lamps And Fixtures, Extent : I	T-8 Lamps And Fixtures, Extent: Moderate, Area Affected: 100%				
	_	Location: Office And Locker Room				
HID	65%	2032	* *	10	\$300	
Egress Lighting						
Exit, Service	100%	2027	\$3,900	1		
Exterior Lighting						
HID	100%	2027	\$54,300	10		

Mechanical		Current Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Fuel Oil No 2	100%		2047	* *	5	\$4,600	
Conversion Equipment							
Furnace	20%		2032	* *	1	\$1,500	
Steam Boiler	80%		2040	* *	1	\$11,700	
Terminal Devices							
Fan Coil Unit/Heat	80%		2032	* *	1	\$3,800	
No Component	20%						
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		
Conversion Equipment							
Window/Wall Unit	10%		2025	\$3,000	1		
No Component	90%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$13,000	
Exhaust Fans							
Roof	100%		2032	* *	2	\$500	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2057	* *	1		

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

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

Mechanical		Current F	Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Electric	50%			2026	\$1,100	4	\$100	
Oil Fired	50%			2025	\$2,200	1	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2032	* *	4	\$1,600	
Backflow Preventer								
Generic	100%			2035	* *	1	\$900	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	\$7,400	

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

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

Page: 13

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BRONX 5 GARAGE

Address : 1331 CROMWELL AVENUE

Borough : BRONX Agency's Number : N/A

Date of Survey : 13-Jun-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2871 Lot : 77 BIN : 2008640

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$360,200	\$238,800
Interior Architecture	\$134,100	
Total	\$494,300	\$238,800
Importance Code A	\$360,200	\$238,800
Importance Code B	\$134,100	
Total	\$494,300	\$238,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$46,400			
Interior Architecture	\$38,600		\$1,600	\$800
Electrical	\$8,500	\$100	\$200	\$300
Mechanical	\$6,600	\$2,200	\$4,300	\$2,200
Total	\$100,100	\$2,300	\$6,000	\$3,300
Importance Code A	\$47,800	\$1,400	\$1,400	\$1,400
Importance Code B	\$20,400	\$900	\$3,000	\$1,900
Importance Code C	\$31,900		\$1,600	
Total	\$100,100	\$2,300	\$6,000	\$3,300



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

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

chitecture	Curi	rent Repair	Future	Replacement	М		
stem Component Type	% of Fail l Total (Yes	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Exterior Walls							
Cast in Place Concrete	5%		LIFE	* *	5	\$13,800	
Concrete Masonry Unit	10%		LIFE	* *	5	\$3,400	
Masonry: Brick	70% No		LIFE	* *	5	\$19,300	
	-	s, Extent : Moderate, A					
		th Facade, Corners O	_		ons		
	Horizontal Crac Location : Thr	eks, Extent : Moderate,	Area Affec	ted : 25%			
		ougnoui it, Extent : Moderate, A	I mag Affaat	.4.250/			
	Location : Stre		нгей Ајјесте	za . 2570			
	-	ure, Extent : Moderate ious Locations Throug		eted : 25%			
	Vertical Cracks,	Extent : Moderate, Ai	ea Affected	! : 25%			
	Location : Nor	rth And South Facades					
	Worn/Eroded, E	Extent : Moderate, Area	Affected :	15%			
	Location : At I	Door Openings					
Metal Coiling Doors	10% No Corrosion/Rusti Location : All	ng, Extent : Severe, Ar	2047 ea Affected	* *	5	\$4,300	
	Deformed/Dented, Extent : Moderate, Area Affected : 50% Location : All Doors						
	Misaligned/Bulg Location : All	ging, Extent : Moderate Doors	e, Area Affe	cted : 20%			
Pre-Cast Concrete	5%		LIFE	* *	5	\$8,900	
Windows							
Aluminum	65% 4-1 Air Infiltration, Location: Thr	Extent : Moderate, Are	2035 ea Affected	* *	5	\$900	
		ging, Extent : Moderate	e, Area Affe	cted : 25%			
		orated, Extent : Moder erior Perimeter Of Wir		ffected : 25%			
Steel	35% 4-1 Thermally Ineffi Location : Thr	cient, Extent : Modera	2026 te, Area Aff	\$52,100 fected : 100%	5	\$6,400	
Parapets							
Masonry: Brick	50%		LIFE	* *	5-10	\$14,700	
Metal Panel	50%		2047	* *	5	\$8,300	

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

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

Asset #: 14758

Architecture	Current Repair		Future R	eplacement	M					
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority			
xterior										
Roof Modified Bitumen	100% Now	\$37,300	2027	\$186.700			1			
Modified Bituilien	Alligatoring, Extent.			\$186,700			1			
	Location: Through		jecica : 157	0						
	Blisters, Extent : Mos		ed : 25%							
	Location : Perimet			story Structure	S					
	Gut/DS Non Func/M	iss, Extent : Moder	ate, Area Aff	fected : 20%						
	Location : Through	out								
	Ponding, Extent : Severe, Area Affected : 20% Location : 2nd Floor Roof									
	Recent Replace Evid	ent, Extent : Light,	Area Affecte	d: 100%						
	Location : Through	out - 5 To 10 Year.	Ago							
	Ridging, Extent : Mo Location : Lower Re		ed : 25%							
	Seams Open/Split, E. Location : Various			: 15%						
nterior										
Floors										
Cast in Place Concrete	70% Now	\$44,600	LIFE	**	5	\$32,000				
	Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Throughout Garage									
	Water Penetration, Extent: Severe, Area Affected: 15%									
	Location : East Sid									
	Worn/Eroded, Extent									
	Location : Through		2,5,000.000 . 10	0,0						
Vinyl Tile	30% 2-4	\$52,100	2037	* *	3	\$2,400				
,	Worn/Eroded, Extent			00%		+-,				
	Location : Through	out								
Interior Walls										
Ceramic Tile	10%		2030	* *	5	\$3,300				
Concrete Masonry Unit	80% 2-4	\$28,300	LIFE	* *	5	\$10,400				
	Diagonal Cracks, Ex		ea Affected .	: 15%						
	Location: Womens	Locker Room		di di		* * * 0 0				
Gypsum Board	10%		LIFE	* *	5-10	\$5,500				
Ceilings	20% 4+	\$2.200	2040	* *	5	\$2.100				
AcousTileSusp.Lay-In	20% 4+ Staining/Discoloring	\$3,300 Extent: Moderate			5	\$2,100				
	Location : Office A			iea . 20/0						
Exposed Congrete	5%	reas Throughout 2		* *	5-10	\$1.200				
Exposed Concrete Gypsum Board	5% 5%		LIFE LIFE	**	5-10 5-10	\$1,300 \$3,600				
Plaster	70% Now	\$37,500	LIFE	* *	5-10 5	\$9,100				
1 10501					3	φ2,100				
	Paint Peeling, Extent : Moderate, Area Affected : 40% Location : Throughout Garage									
	Water Penetration, E	_	rea Affectea	d : 20%						
	Location : Within C									

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

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

Asset #: 14758

Electrical	Current R	epair	Future Replacement		Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%		2027	\$1,400	5	\$100		
	Other Observation, Ex		rea Affe	cted : 100%				
	Location : Electrical							
	Explanation : Three	200 Main Disconn	iect Swite	ch				
Raceway								
Conduit	95%		2027	\$3,500	1			
Conduit	5%		2047	* *	1			
Panelboards								
Fused Disc Sw	10%		2026	\$700	5			
Molded Case Bkrs	90%		2026	\$6,600	5	\$300		
Wiring								
Thermoplastic	95%		2027	\$7,600	1			
Thermoplastic	5%		2047	* *	1			
Motor Controllers								
Locally Mounted	100%		2025	\$14,100	5	\$100		
Ground								
Grounding Devices								
Generic	100%		LIFE	* *	5	\$400		
Lighting								
Interior Lighting								
Fluorescent	35%		2032	* *	10	\$4,500		
	T-8 Lamps And Fixtur			ı Affected : 100%				
	Location : Offices, L	ocker Room And F	Hallway					
HID	65%		2032	* *	10	\$300		
Egress Lighting								
Exit, Service	100%		2032	* *	1			
Exterior Lighting								
HID	100%		2032	* *	10			
Alarm								
Security System								
No Component	80%							
Generic	20% Now	\$8,300	2037	* *	1	\$900		
	Not in Service, Extent		ected : 10	00%				
	Location : Througho	out The Building						

Mechanical	Current	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Fuel Oil No 2	100%		2047	* *	5	\$4,300	
Conversion Equipment							
Steam Boiler	100%		2040	* *	1	\$13,800	

 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Co (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Convector/Radiator	20%		2040	* *	1	\$900	
Fan Coil Unit/Heat	80%		2032	* *	1	\$3,600	
Air Conditioning							
Energy Source							
Electricity	100%		2049	* *	1		
Conversion Equipment							
Window/Wall Unit	10%		2025	\$2,800	1		
No Component	90%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$12,300	
Exhaust Fans							
Roof	100%		2027	\$10,800	2	\$400	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2047	* *	1		
Water Heater							
Electric	50%		2025	\$1,100	4		
Gas Fired	50%		2025	\$1,600	2	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Rigid Piping	100%		2032	* *	4	\$1,600	
Fixtures							
Generic	100%						
Fire Suppression							
Standpipe							
Generic	100%		2047	* *	1-5	\$7,000	

Page: 18

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BRONX 6 & 6A GARAGE

Address : 800 EAST 176 STREET @PROSPECT AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOS0031.000 / 2008 Yr Built/Renovated : 1985 /

Area Sq Ft : 83,629 Project Type : SANITATION

Date of Survey : 19-Aug-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2953 Lot : 21 BIN : 2097278

CAPITAL	FY 2018 - 2021	FY 2022 - 2027	
Exterior Architecture	\$1,637,200	\$147,400	
Interior Architecture	\$693,100	\$159,600	
Electrical		\$546,800	
Mechanical	\$186,700	\$1,013,900	
Total	\$2,517,000	\$1,867,600	
Importance Code A	\$1,664,000	\$147,400	
Importance Code B	\$853,000	\$1,720,300	
Total	\$2,517,000	\$1,867,600	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$33,000			
Interior Architecture		\$12,600	\$2,800	\$2,100
Electrical	\$900	\$2,000	\$1,200	\$34,600
Mechanical	\$125,700	\$40,800	\$18,600	\$30,800
Total	\$159,600	\$55,400	\$22,600	\$67,600
Importance Code A	\$68,300	\$3,700	\$3,700	\$3,900
Importance Code B	\$91,300	\$51,700	\$18,900	\$63,700
Importance Code C				
Total	\$159.600	\$55,400	\$22,600	\$67,600



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

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

rchitecture	Current Repair		Futur	e Replacement	Maintenance		
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
kterior							
Exterior Walls	700/ 11	#22 <i>6</i> 7 00	LIEE	* *	~	фо д 000	
Masonry: Brick Cavity	70% Now Cracking/Crumbling Location: Through		LIFE , Area Aj		5	\$92,000	
	Diagonal Cracks, E. Location: Column	s Flanking Doors					
	Expansion Int Failu Location : Through		te, Area I	Affected : 10%			
Metal Coiling Doors	27% 2-4 Corrosion/Rusting, I Location: West Fo		2039 Affected	**	5	\$55,400	
	Deteriorated Finish, Location : West Fo		Area Afj	fected : 25%			
Pre-Cast Concrete	3% Staining/Discoloring Location: Through	,	LIFE , Area A	* * ffected : 40%	5	\$12,800	
Windows							
Aluminum	92% Now Air Infiltration, Exte	hout			5	\$8,100	
	Broken/Missing Elen Location: Through						
	Corrosion/Rusting, Extent : Moderate, Area Affected : 15% Location : East Facade						
	Glazing Broken/Cra Location : East Fa		rate, Are	ea Affected : 10%			
Glass Block	5%		LIFE	* *	5	\$600	
Metal Louvers	3% Corrosion/Rusting, I Location: Through	0 -	2035 Affected	* *	10	\$3,300	

Asset #: 2008

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Parapets Concrete Masonry Unit	Location Int Morta Location Misaligne Location Vertical C	Crumbling, a: Interior I r Miss/Eroc a: Interior I d/Bulging, I a: Steel Sup Cracks, Exte	\$53,200 Extent: Moderate Face Of All Built-U I, Extent: Moderate Face Of High Wall Extent: Severe, Ar oports At Openings nt: Moderate, Are Face Of High Wall	Up Parap te, Area A s And Th rea Affect of Built a Affecte	oets Affected : 60% broughout ed : 25% -up Parapets d : 25%	5	\$4,700	1
Masonry: Brick	Location Jnt Morta	Crumbling, n : Through	l, Extent : Moderai			5	\$1,400	
Metal Rail	Location Deteriora	n/Rusting, E. n : Through	Extent : Moderate,			5	\$7,400	
Pre-Cast Concrete	Location Jnt Morta	Crumbling, 1 : Coping	\$1,200 Extent : Moderate l, Extent : Moderat			5	\$2,200	
Roof Modified Bitumen	Location Debris Pr Location Drains In Location Miss/Dan Location Seams Op Location Water Pen	Extent: Moon: Through esent, Extent: Through ad/Misposnth: Through aged Flashth: Interior: en/Split, Extents It interior: en/Split, Extents It interior, Ext	nt : Moderate, Arecout , Extent : Moderate out ings, Extent : Mod Side Of Perimeter tent : Moderate, A	a Affecteo e, Area A Terate, Ar Wall And rea Affec	d : 25% ffected : 30% ea Affected : 30% l At Roof Penetrati ted : 30%	ons		1
Skylight, Metal/Glass	5% Glazing B Location Miss/Dan	Now roken/Crac n : At East H naged Flash	\$77,100 ked, Extent : Mode Entry Overhang ings, Extent : Mod er Of All Skylights					

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

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

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

Asset #: 2008

Architecture	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Cast in Place Concrete	65%		\$74,100	LIFE	**	5	\$159,600	
	_	_	Extent : Moderate	, Area Aj	ffected : 20%			
		on : Through		250/				
	_		vere, Area Affected	: 25%				
		on : Both Ga	rages					
Ceramic Tile	5%			2035	**	5	\$5,600	
Quarry Tile	15%		44.00.000	2039	* *	5	\$25,300	
Vinyl Tile	15%		\$139,800	2036	**	3	\$6,300	
			Extent : Moderate	, Area Aj	ffectea : 40%			
		on : Offices	amage, Extent : M	adamata	Amag Affactad , 10	0/		
		ar/impaci D on : Offices	amage, Extent . M	oaeraie,	Агеа Ајјества . 40.	70		
			: Severe, Area Affe	acted · 11	00%			
		oaea, Exieni on : Through		сией . 10	0070			
Interior Walls	2000							
Concrete Masonry Unit	50%	ó		LIFE	* *	5	\$9,100	
Glass Block	5%	ó		LIFE	* *			
Glass: Single Pane	5%	ó		LIFE	* *	5	\$1,700	
SGFT/Glazed Masonry	40%	ó		LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	25%		\$133,000	2039	* *	5	\$14,000	
		-	ients, Extent : Mod	erate, Ar	ea Affected : 30%			
		on : Through						
	Staining/Discoloring, Extent: Moderate, Area Affected: 60%							
	Location : Second Floor In 6/6a And Throughout							
	Water Penetration, Extent: Moderate, Area Affected: 30%							
	Location : Throughout Worn/Eroded, Extent : Moderate, Area Affected : 25%							
				Affected	: 25%			
		on : Second I						
Exposed Struc: Steel	75%		\$346,300	LIFE	* *			
		_	: Moderate, Area	Affected	: 50%			
	Locatio	on : Garage .	Area					

Electrical	Current Repair	Future Replacem	ent	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2036	* *	5	\$400	
	Other Observation, Extent : Moderate,	Area Affected : 100%				
	Location : Electrical Room					
	Explanation: Two 1600 Amps Main L	Disconnect Switch				
Switchgear / Switchboard						
Fused Disc Sw	100%	2036	* *	5	\$400	

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

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

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

Asset #: 2008

Electrical	Current Repair	Future R	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2036	* *	1		
Panelboards						
Fused Disc Sw	10%	2034	* *	5	\$200	
Molded Case Bkrs	90%	2034	* *	5	\$2,000	
Wiring						
Thermoplastic	100%	2036	* *	1		
Motor Controllers						
Locally Mounted	10%	2031	* *	5	\$100	
Motor Control Center	90%	2031	* *	5	\$2,100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$1,200	
	Other Observation, Extent: Moder		d: 100%			
	Location: Water Main, Garage 6	δ A				
	Explanation: Connected With M	ain Water Pipe				
Lighting						
Interior Lighting						
Fluorescent	40%	2031	* *	10	\$27,500	
	Other Observation, Extent: Moder	ate, Area Affecte	d : 100%			
	Location : Throughout					
	Explanation: T-8 Lamps					
Fluorescent	5%	2031	* *	10	\$3,400	
	T-5 Lamps And Fixtures, Extent : M	Aoderate, Area Ą	ffected : 100%			
	Location : Mechanical Room					
HID	55%	2031	* *	10	\$1,300	
Egress Lighting						
Emergency, Battery	70%	2026	\$69,100	10	\$12,700	
Exit, Service	30%	2026	\$5,900	1	. ,	
Exterior Lighting						
HID	100%	2026	\$308,400	10	\$300	
Alarm			· · · · · · · · · · · · · · · · · · ·		•	
Fire/Smoke Detection						
No Component	80%					
No Component						

Mechanical	Cu	urrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	85%		2036	* *	1		
Interruptible Gas/Dual Fuel	15%		2036	* *	1		

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

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

Asset #: 2008

Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating								
Conversion Equipment								
Furnace			\$31,300 Extent : Severe, An op Units, Roof	2036 rea Affec	* * ted : 35%	1	\$11,700	
Furnace	Location Other Obs Location	: Garage	\$2,700 t : Severe, Area Afj Extent : Light, Area nits			1	\$10,000	
Furnace	20%			2031	* *	1	\$7,400	
Hot Water Boiler	15%			2031	* *	1	\$5,600	
	Damaged, Location Other Obs Location	: Total 4 U ervation, E : 2 Boiler	ight, Area Affected Units In 2 Boiler Ro Extent : Light, Area Rooms 4 Units In 2 Boile.	: 5% ooms, Ea Affected	: 15%	as 2 Unit	is.	
Distribution	<u> </u>							
Hot Wtr Piping/Pump No Component	15% 85%			2025	\$55,200	4	\$600	
Terminal Devices Convector/Radiator No Component	15% 85%			2024	\$103,800	1	\$3,600	
ir Conditioning Energy Source Electricity	100%			2034	* *	1		
Conversion Equipment Exterior Pkg Unit - Cooling	20%	0-2	\$67,600	2036	* *	2	\$700	
Ü	Location	: Roof, All gerant, Ex	nt : Severe, Area A l Cooling Ext Pkg U tent : Light, Area A	Inits Nee	ed Repair Or Repla	acement		
No Component	80%							
entilation Distribution								
Distribution Ductwork/Diffusers		4+ aning, Exte	\$63,200 ent : Severe, Area A out	LIFE Affected :	* * 80%	2-5	\$41,800	
Exhaust Fans								
Roof	50% Not in Ser Location		\$2,900 t : Severe, Area Aff	2021 fected : 4	\$29,100 0%	2	\$900	
Roof		led Life, Ex	\$29,100 tent : Severe, Area crvice, Roof	2036 Affected	* *	2	\$900	

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.

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

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

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
lumbing									
H/C Water Piping									
Brass/Copper	50%		2036	* *	1				
Galv Iron/Steel	50% 0-2	\$5,500	2031	**	1				
	Corroded, Extent : N		cted : 10	%					
	Location : Water S	Supply Room							
Water Heater									
Gas Fired	50%		2021	\$8,500	2	\$500			
Oil Fired	50% Now	\$11,400	2026	\$11,400	1	\$1,000			
	•	On Extended Life, Extent : Severe, Area Affected : 50%							
	Location : Boiler I	Room							
Sanitary Piping									
Cast Iron	100% Now	\$31,800	LIFE	* *	1				
	Blockage /Clogged, Extent: Severe, Area Affected: 10%								
	Location: Wash B	ay Area							
	Cracked, Extent : Se	vere, Area Affected	: 15%						
	Location : Under T	Truck Path							
Storm Drain Piping									
Cast Iron	100%		LIFE	* *	1				
Fixtures									
Generic	100%								
re Suppression									
Standpipe									
Generic	100%		2036	* *	1-5	\$39,200			
Sprinkler									
Generic	100%		2026	\$855,000	1-2	\$21,000			
Chemical System									
Generic	100%		2019	\$25,500	1-3	\$50,600			

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BRONX 6 & 6A GARAGE SALT STORAGE BUILDING

Address : EAST 176 STREET & PROSPECT AVE.

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOS0031.010 / 3001 Yr Built/Renovated : 1989 /

Area Sq Ft : 5,500 Project Type : SANITATION

Date of Survey : 19-Aug-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2953 Lot : 21 BIN : 2097278

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$64,300	
Interior Architecture	\$271,500	
Electrical	\$39,400	
Total	\$375,100	
Importance Code A	\$64,300	
Importance Code B	\$310,900	
Total	\$375,100	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$72,200			
Interior Architecture				
Electrical	\$7,300			\$20,500
Mechanical				
Total	\$79,500			\$20,500
Importance Code A	\$72,200			
Importance Code B	\$7,300			\$20,500
Total	\$79,500			\$20,500



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

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

DEPARTMENT OF SANITATION - 827 BRONX 6 & 6A GARAGE SALT STORAGE BUILDING

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Cast in Place Concrete	Location Cracking/ Location Exposed 1	issing Elem 1: Through Crumbling, 1: Entrance Reinforceme	Extent : Moderate e, Interior Sill At B ent, Extent : Severe	e, Area Aj ase Of Fi e, Area A <u>j</u>	ffected : 15% iberglass Panels ffected : 35%	5	\$19,400	1
		_	out Interior And E.		-	Points		
			Extent : Severe, A	rea Affec	cted : 50%			
Congreta Masoner Unit		1: Through		LIFE	* *		\$600	
Concrete Masonry Unit	Location Cracking/ Location Punct/Tea	issing Elem n : West Fac Crumbling, n : West Fac	Extent : Severe, A cade amage, Extent : Se	re, Area rea Affeo	Affected : 10%	5	\$000	
Fiberglass Panel	10%		\$1,400	2035	* *	5	\$1,200	
1 locigiass 1 and	Broken/M Location Loose/Mis	issing Elem ı : East Fac	ents, Extent : Seve cade s, Extent : Severe, 2	re, Area		3	ψ1,200	
Masonry: Brick Cavity	_		\$4,700 Extent : Moderate	LIFE , Area Aj	* * ffected : 20%	5	\$600	
	Location Spalling,	ı : Through	derate, Area Affect					
Wood	5% Deteriora Location	Now ted Finish, 1: Arch Abo	\$8,300 Extent : Severe, Ar ove Entrances nt : Moderate, Area			5	\$800	1
	Location	ı : Arch Ab	ove Entrances : Severe, Area Aff					
	-		ove Entrances		-, -			

DEPARTMENT OF SANITATION - 827 BRONX 6 & 6A GARAGE SALT STORAGE BUILDING

Architecture	Current Repai	r Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Parapets Cast in Place Concrete	90% Now Cracking/Crumbling, Exter Location: Throughout Miss/Damaged Copings, E Location: South Wall			5	\$6,400	
	Caulking Deteriorated, Ext Location: North And Sou		Affected : 25%			
Pre-Cast Concrete	10% Now Cracking/Crumbling, Exter Location: Coping On So. Jnt Mortar Miss/Erod, Exter Location: Coping On So.	uth Wall ent : Moderate, Area A		5	\$400	1
Roof						
Asphalt Shingle	90% Now Broken/Missing Elements, Location: Throughout Water Penetration, Extent Location: Throughout Worn/Eroded, Extent: Sev. Location: Throughout	: Severe, Area Affected ere, Area Affected : 25	d : 75%			1
Modified Bitumen	10% Now Debris Present, Extent: Se Location: Flat Section B Drains Inad/Misposn, Exte Location: Flat Section B Punct/Tear/Impact Damag Location: Throughout Water Penetration, Extent Location: Throughout	etween Barrel Roofs A nt : Severe, Area Affec etween Barrel Roofs A e, Extent : Severe, Are	And Butrresses cted : 20% And Butrresses ea Affected : 25%			1
Interior						
Floors Cast in Place Concrete	100% Other Observation, Extent Location: Throughout Explanation: Presence O	. 33		5	\$16,100	

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DEPARTMENT OF SANITATION - 827 BRONX 6 & 6A GARAGE SALT STORAGE BUILDING

Asset #: 3001

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

Interior

Ceilings

Exposed Struc: Wood 100% Now \$271,500 LIFE **

Broken/Missing Elements, Extent: Severe, Area Affected: 75%

Location: Throughout

Dry Rot/Decay, Extent: Severe, Area Affected: 50%

Location: Throughout

Split/Cracked, Extent: Severe, Area Affected: 50%

Location: Near Entrance

Water Penetration, Extent: Severe, Area Affected: 75%

Location: Throughout

Other Observation, Extent: Severe, Area Affected: 50%

Location: Throughout

Explanation: Structural Damage

	Current F	Repair	Futur	e Replacement	M	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%			2026	\$3,700	1		
100%	0-2	\$7,300	2051	* *	5	\$100	
Arc/Scorc	h/Burn Mrk	s, Extent : Modera	te, Area	Affected : 100%			
Location	: Outside T	The Structure					
100%			2026	\$8,000	1		
100%			2021	\$39,400	10	\$200	
100%			2021	\$20,300	10		
	100% 100% Arc/Score. Location 100%	% of Fail Date Total (Years) 100% 100% 0-2 Arc/Scorch/Burn Mrk Location: Outside 2 100%	Total (Years) 100% 100% 0-2 \$7,300 Arc/Scorch/Burn Mrks, Extent: Moderal Location: Outside The Structure 100%	Word Fail Date Estimated Cost Year FY	% of Total Fail Date (Years) Estimated Cost FY Year FY Estimated Cost FY 100% 2026 \$3,700 100% 0-2 \$7,300 2051 ** Arc/Scorch/Burn Mrks, Extent: Moderate, Area Affected: 100% Location: Outside The Structure 100% 2026 \$8,000 100% 2021 \$39,400	% of Total Fail Date (Years) Estimated Cost FY Year FY Estimated Cost (Yrs) Cycle (Yrs) 100% 2026 \$3,700 1 100% 0-2 \$7,300 2051 ** 5 Arc/Scorch/Burn Mrks, Extent: Moderate, Area Affected: 100% Location: Outside The Structure 2026 \$8,000 1 100% 2021 \$39,400 10	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost (Yrs) Cycle (Yrs) Estimated Cost (Yrs) 100% 2026 \$3,700 1 100% 0-2 \$7,300 2051 ** 5 \$100 Arc/Scorch/Burn Mrks, Extent : Moderate, Area Affected : 100% 100% 2026 \$8,000 1 100% 2026 \$39,400 10 \$200

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

Plumbing

H/C Water Piping

Galv Iron/Steel 100% 2024 \$14,400 1

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

Location: Along Side Of Shed

Explanation: Calcium Chloride Spray 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.

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

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

Page: 29

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BRONX 9/10 GARAGE BRONX BOROUGH REPAIR SHOP

Address : 850 ZEREGA AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOS0056.000 / 4199 Yr Built/Renovated : 1933 /

Area Sq Ft : 88,000 Project Type : SANITATION

Date of Survey : 15-May-2015 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,3

Block : 3702 Lot : 1 BIN : 2094842

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$3,143,900	\$148,100
Interior Architecture	\$2,512,200	\$162,500
Electrical	\$382,500	\$138,800
Mechanical	\$360,500	\$1,312,100
Total	\$6,399,200	\$1,761,500
Importance Code A	\$3,143,900	\$148,100
Importance Code B	\$2,160,100	\$1,613,400
Importance Code C	\$1,095,200	
Total	\$6,399,200	\$1,761,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$32,100			
Interior Architecture	\$7,300			\$1,400
Electrical	\$61,000	\$200	\$200	\$15,700
Mechanical	\$31,300	\$14,400	\$24,000	\$58,800
Total	\$131,700	\$14,600	\$24,300	\$75,900
Importance Code A	\$45,600	\$8,700	\$8,700	\$8,700
Importance Code B	\$86,200	\$5,900	\$15,500	\$67,200
Importance Code C				
Total	\$131.700	\$14,600	\$24.300	\$75,900



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

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Exterior Walls	400/ 37	2011	_	ф аа т оо	
Fiberglass Panel	10% Now \$85,600 Broken/Missing Elements, Extent: Seven Location: Throughout Staining/Discoloring, Extent: Severe, A Location: Throughout		5	\$22,500	
Masonry: Brick	45% Now \$794,500	LIFE **	5	\$53,900	
·	Diagonal Cracks, Extent: Moderate, A Location: Bulkheads And Throughow Jnt Mortar Miss/Erod, Extent: Modera Location: Bulkheads And Throughow Vertical Cracks, Extent: Moderate, An Location: Bulkheads, Building Corna	nt Facades nte, Area Affected : 50% nt Facades ea Affected : 10%			
Masonry: Brick	25% Now \$441,400	LIFE **	5	\$30,000	1
	Diagonal Cracks, Extent: Severe, Area Location: Upper Wall Horizontal Cracks, Extent: Severe, Ara Location: Upper Wall Jnt Mortar Miss/Erod, Extent: Severe, Location: Upper Wall	ea Affected : 20%			
	Rusting Masonry Supt, Extent : Severe, Location : Upper Wall	Area Affected : 25%			
Metal Coiling Doors	10% Now \$664,100 Broken/Missing Elements, Extent: Mod Location: East Facade Deformed/Dented, Extent: Moderate, A Location: Throughout		5	\$18,700	
Stucco Cement	10% Now \$169,500 Cracking/Crumbling, Extent: Moderat Location: Throughout	2031 ** e, Area Affected : 40%	5	\$15,000	

Architecture	Current Repair	Futu	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior						
Windows	70/ N	Φ00 400 2051	* *	~	ф1 000	
Aluminum	5% Now Air Infiltration, Extent: Mod Location: Throughout Broken/Missing Elements, E Location: Throughout Hardway Missing, Extent	xtent : Moderate, Ar	l : 30% ea Affected : 30%	5	\$1,000	
	Hardware Missing, Extent : Moderate, Area Affected : 30% Location : Throughout					
Metal Louvers	5% Now Broken/Missing Elements, E Location: Throughout	\$11,400 2029 Extent : Moderate, Ar	* * rea Affected : 20%			
Steel	5% Now S Bent/Warped Elements, Exte Location : Area Under Ran Broken/Missing Elements, E	mp		5	\$12,300	
	Location : Area Under Ran Thermally Inefficient, Extent Location : Area Under Ran	t : Moderate, Area A	ffected : 100%			
No Component	85%					
Parapets				_		
Masonry: Brick	25% Now Diagonal Cracks, Extent: So Location: Upper Parapet Jnt Mortar Miss/Erod, Exten			5	\$3,400	1
	Location : Upper Parapet	50,0,0,111,00,12,50				
	Misaligned/Bulging, Extent . Location : Upper Parapet	: Severe, Area Affect	ed : 50%			
Masonry: Brick	70% Now S Diagonal Cracks, Extent : M Location : Corners	\$159,700 LIFE Toderate, Area Affec	* * ted : 30%	5	\$9,400	
	Jnt Mortar Miss/Erod, Extendation : Throughout	nt : Moderate, Area A	Affected : 30%			
Masonry: Limestone	5% Now Jnt Mortar Miss/Erod, Extent Location: Coping Caulking Deteriorated, Exte			5	\$800	
	Location: Coping		JJ			

Asset #: 4199

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Roof Built-Up (BUR)	30% Now \$147,700 Blisters, Extent: Severe, Area Affected Location: Lower Roof Vegetation Growth, Extent: Moderate, Location: Lower Roof Water Penetration, Extent: Moderate, Location: Garage Area Worn/Eroded, Extent: Moderate, Area	Area Affected : 5% Area Affected : 5%			
Roll Roofing	Location: Lower Roof 70% Now \$310,500 Seams Open/Split, Extent: Moderate, A Location: Upper Roof Water Penetration, Extent: Moderate, A Location: Garage Area Worn/Eroded, Extent: Moderate, Area	Area Affected : 10%	5	\$64,200	
Interior	Location : Upper Roof				
Floors Cast in Place Concrete	80% Now \$377,300 Cracking/Crumbling, Extent: Moderate Location: Area Under Ramp And Sho Punct/Tear/Impact Damage, Extent: Se Location: Throughout Spalling, Extent: Severe, Area Affected Location: Throughout Uneven Surface, Extent: Moderate, Are Location: Area Under Ramp	ops Throughout evere, Area Affected : 20% ! : 40%	5	\$162,500	
Ceramic Tile	5% Now \$87,900 Broken/Missing Elements, Extent: Mod Location: Toilets And Shower Rooms Cracking/Crumbling, Extent: Severe, A Location: Throughout	,	5	\$2,300	
Steel Plate	3% 4+ \$99,300 Corrosion/Rusting, Extent: Moderate, Location: Stairs Worn/Eroded, Extent: Moderate, Area Location: Stairs		1		
Vinyl Tile	12% Now \$92,500 Cracking/Crumbling, Extent: Moderate Location: Lunch Room Worn/Eroded, Extent: Moderate, Area Location: Lunch Room	-	3	\$4,200	

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

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

Asset #: 4199

Architecture	Current	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Interior Walls	70/ N	ф11 7 7 00	2041	* *	~	Φ2.200	
Ceramic Tile	5% Now Cracking/Crumbling	\$117,700 Extent : Severa A	2041		5	\$2,200	
	Location: Through		геи Ајјес	nea . 40/0			
Concrete Masonry Unit	50% Now	\$378,900	LIFE	* *	5	\$17,500	
Concrete Mason y Cint	Cracking/Crumbling			ffected : 40%	5	Ψ17,300	
	Location : Through	nout					
Masonry: Brick	45% Now	\$598,600	LIFE	* *			
	Cracking/Crumbling		_	ffected : 5%			
	Location : Electric		C				
	Diagonal Cracks, Ex		55				
Ceilings	Location : South E	ast Area Near East	Siae Exi	,			
AcousTileSusp.Lay-In	5% Now	\$7,300	2031	* *	5	\$2,300	
Acoust neousp. Lay in	Staining/Discoloring			ffected : 60%	2	Ψ2,300	
	Location : Recreat	ion Room					
	Water Penetration, I	Extent : Moderate, A	Area Affe	cted : 10%			
	Location : Recreat						
	Worn/Eroded, Exten Location : Recreat		Affected	: 40%			
Exposed Concrete	30% Now	\$437,800	LIFE	* *	5	\$4,400	
	Cracking/Crumbling		, Area Ą	ffected : 40%			
	Location: Under F Spalling, Extent: Se		. 100/				
	Location : Through		. 40%				
	Water Penetration, I		Area Affe	cted : 20%			
	Location : Under F		55				
Exposed Concrete	25%		LIFE	* *	5	\$3,600	
Exposed Struc: Steel	30% Now	\$286,500	LIFE	* *			
	Corrosion/Rusting, I	_	Affected	: 40%			
	Location : Through						
Plaster	10% Now	\$35,700	LIFE	**	5	\$5,800	
	Cracking/Crumbling		, Area A	ffected: 30%			
	Location: Locker Leading Paint Peeling, Exten		Affected	· 35%			
	Location : Locker		турстви	. 55/0			

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

Under 600 Volts

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

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

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

Asset #: 4199

Electrical	Current Repair	Future Replacement	Maintenance				
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Co (Yrs)	st Priority			
Under 600 Volts Service Equipment Molded Case Bkrs	100% 2-4 \$4,700 Other Observation, Extent: Moderate Location: 1st Floor Explanation: No Nameplate Rating	e, Area Affected : 100%	5 \$1,20)			
Switchgear / Switchboard Not Accessible	100% Other Observation, Extent : Light, Ar Location : 1st Floor Explanation : The Room Is Locked 1						
Raceway							
Conduit	100%	2026 \$30,600	1				
Panelboards Fused Disc Sw Molded Case Bkrs Molded Case Bkrs	5% 15% 80% 2-4 \$30,100 Enclosure Corroded, Extent : Modera Location : 1st And 2nd Floors		5 \$100 5 \$300 5 \$900)			
Wiring Braided Cloth	65% 2-4 \$17,600 Insulation Aged, Extent : Moderate, A Location : Throughout The Building	rea Affected : 100%	1				
Thermoplastic	35%	2026 \$9,500	1				
Motor Controllers Locally Mounted Locally Mounted	70% 30% 2-4 \$4,200 On Extended Life, Extent : Moderate, Location : 1st Floor		5 \$40 5 \$10				
Ground Grounding Devices Not Accessible	100% Other Observation, Extent : Light, Ar Location : 1st Floor Explanation : The Room Is Locked 1						
Lighting							
Interior Lighting Fluorescent	35% 2026 \$81,600 10 \$28,200 Other Observation, Extent: Moderate, Area Affected: 100% Location: Offices, Locker Room And Shower Rooms Explanation: T-8 Lamps						
HID HID	60% 5% Now \$4,300 Malfunctioning, Extent: Moderate, A Location: Garage		10 \$1,70)			
Egress Lighting Emergency, Battery Exit, Service	50% 50%	2021 \$58,000 2021 \$4,800)			

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

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

Asset #: 4199

Electrical	Current F	Repair Fu	Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year		Cycle (Yrs)	Estimated Cost	Priority
Lighting Exterior Lighting HID	100%	202	21 \$324,600	10	\$300	

Mechanical	Current Repair	Future R	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source				_		
Fuel Oil No 2	100%	2036	* *	5	\$27,300	
	Buried Tank(s), Extent: Light, An		Ó			
	Location: One Tank Of 15,000	Gallons				
Conversion Equipment	1000/	2020	* *	1	¢07.200	
Steam Boiler	100% Other Observation, Extent: Ligh.	2039		1	\$87,200	
	Location: 1st Floor Mechanica		0070			
	Explanation: 2 Units	u Room				
Distribution	Suprementation: 2 Others					
Steam Piping/Pump	10% 0-2 \$60	,000 2056	* *	4	\$400	
Transfer and	Insul. Deteriorating, Extent : Mod	,	ed : 100%		7.00	
	Location : Throughout					
Steam Piping/Pump	90%	2026	\$540,000	4	\$5,900	
steam riping ramp	On Extended Life, Extent: Model			•	42,700	
	Location : Throughout					
Terminal Devices						
Air Handler	40% 0-2 \$185	,400 2036	* *	1	\$19,600	
	Unit Inoperable, Extent : Light, A	rea Affected : 20%	ó			
	Location: Second Floor					
Convector/Radiator	20%	2031	* *	1	\$5,700	
	Leak Evident, Extent : Moderate,	Area Affected : 5%	ó			
	Location: Stairway At 1st Floo	r				
Fan Coil Unit/Heat	40%	2026	\$514,700	1	\$11,400	
Air Conditioning						
Energy Source						
Electricity	100%	2034	* *	1		
Conversion Equipment						
Window/Wall Unit	10%	2021	\$17,700	1		
No Component	90%					
Distribution	50/		* *	-	4.5.5 00	
Ductwork/Diffusers	5%	LIFE	* *	2	\$5,700	
No Component	95%					
Terminal Devices	50%	2026	\$2.200	1	¢1 400	
Fan Coil - Cooling No Component	5% 95%	2026	\$3,300	1	\$1,400	
Heat Rejection	7370					
Air Condenser Unit	5%	2026	\$900	2	\$3,100	
No Component	95%	2020	φ300	2	φ5,100	
	imates are in current dollars and are not					

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

Asset #: 4199

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Ventilation								
Distribution Ductwork/Diffusers	10% 0-2 Faulty Air Intake, Ext Location : At Equip Needs Cleaning, Exte	ment Fresh Air Inte	ake		2-5	\$4,900		
	Location : Through		и Ајјестес	1.100/0				
Ductwork/Diffusers	90%		LIFE	* *	2-5	\$44,200		
Exhaust Fans								
Roof	60% Now Broken, Extent : Mod Location : Roof	\$41,000 lerate, Area Affecte	2036 d : 100%	* *	2	\$1,300		
Wall Unit	40%		2026	\$52,000	2	\$1,100		
Plumbing								
H/C Water Piping	20%		2036	* *	1			
Brass/Copper Galv Iron/Steel	80%		2024	\$205,300	1			
Gaiv Holl/Steel	On Extended Life, Ex Location : Through				1			
Water Heater								
Gas Fired	100% Other Observation, E Location: 1st Floor Explanation: 2 Gas	r Mechanical Room		\$20,000 · 100%	2	\$1,300		
Sanitary Piping								
Cast Iron	95% On Extended Life, Ex Location : Through		LIFE ea Affect	* * ed : 100%	1			
Cast Iron	5% 0-2 Blockage /Clogged, E Location : South Ea				1 Reported	1		
Storm Drain Piping	Location : South Ea	si comer of dara,	80 1 1001,	severe Brockage I	перопец	,		
Cast Iron	100% On Extended Life, Ex Location : Through		LIFE rea Affect	* * ed : 100%	1			
Sump Pump(s)								
Rigid Piping	35%		2026	\$3,800	4	\$900		
Submersible	65%		2018	\$4,200	4	\$1,600		
Fixtures Generic	100% Obsolete Fixtures, Ex Location : Through		rea Affect	ed : 100%				
ire Suppression								
Standpipe	4.0.00		202-					
Generic	100% No Backflow Prevent Location : First Flo		2036 ate, Area	* * Affected : 100%	1-5	\$46,000		

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

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

Page: 37

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BRONX DIST.7/8 SANITATION GARAGE
Address : 423 WEST 215TH ST. BTWN 9 AVE - 10 AVE

Borough : MANHATTAN Agency's Number : N/A

Date of Survey : 19-Jun-2015 Landmark Status : NONE

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

Block : 2212 Lot : 1 BIN : 1082036

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,388,700	\$475,200
Interior Architecture	\$284,100	\$353,700
Mechanical	\$52,700	\$261,700
Total	\$1,725,500	\$1,090,600
Importance Code A	\$1,388,700	\$475,200
Importance Code B	\$336,800	\$615,400
Total	\$1,725,500	\$1,090,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$66,300			
Interior Architecture	\$18,800	\$11,700		\$11,300
Electrical	\$1,000	\$2,100	\$1,000	\$1,900
Mechanical	\$24,600	\$11,200	\$25,300	\$33,200
Total	\$110,700	\$25,000	\$26,300	\$46,400
Importance Code A	\$72,100	\$5,800	\$5,800	\$5,900
Importance Code B	\$19,800	\$18,000	\$20,500	\$40,500
Importance Code C	\$18,800	\$1,200		
Total	\$110,700	\$25,000	\$26,300	\$46,400



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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 #: 4134

rchitecture	Current Repair	Future Replacement	М	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
terior					
Exterior Walls Fiberglass Panel	20% 4+ \$22,400 Staining/Discoloring, Extent: Moderate	2029 **	5	\$29,400	
	Location: Throughout	, meany cerea : 7570			
Masonry: Brick	60% Now \$415,800 Horizontal Cracks, Extent : Moderate, A Location : South Facade		5	\$47,000	
	Rusting Masonry Supt, Extent: Moderate Location: Overhead Doors And Windovertical Cracks, Extent: Moderate, Are Location: South Facade, Piers, East I	ows Throughout a Affected : 30%			
Masonry: Granite	3% Now \$27,200 Jnt Mortar Miss/Erod, Extent : Moderat Location : Building Base	LIFE **	5	\$1,800	
Masonry: Limestone	2% Now \$16,700 Int Mortar Miss/Erod, Extent : Moderat Location : Window Sills	LIFE ** e, Area Affected : 35%	5	\$1,200	
Metal Coiling Doors	15% Now \$65,200 Broken/Missing Elements, Extent : Light Location : Throughout	2031 ** t, Area Affected : 10%	5	\$18,400	
Windows					
Aluminum	100% Now \$645,000 Air Infiltration, Extent : Moderate, Area Location : Throughout	2051 ** Affected : 50%	5	\$7,900	
	Caulking Deteriorated, Extent: Severe, Location: A / C Window Unit Location	ns			
	Unit Inoperable, Extent : Severe, Area A Location : Locker Rooms	ffected : 25%			
	Water Penetration, Extent : Severe, Area Location : 2nd Floor Windows	a Affected : 20%			
Parapets	400.400		_	* 0 = 00	
Masonry: Brick	100% Now \$98,100 Efflorescence, Extent: Moderate, Area Location: Interior Side Of Parapet		5	\$8,700	
	Horizontal Cracks, Extent: Moderate, A Location: North Facade, South Facad Jnt Mortar Miss/Erod, Extent: Moderat	le, East Facades			
	Location: North And South Sides Of S Caulking Deteriorated, Extent: Modera	econd Floor			
	Location : Coping Stones Vertical Cracks, Extent : Moderate, Are				
	Location : At Piers And South West Co				

Maintenance \$ are aggregated over a 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 #: 4134

Architecture		Current F	Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Roof	0.50/	N T	# 42 000	2026	Φ4 2 0 100			
Built-Up (BUR)	85%		\$42,800	2026	\$428,100			
		wiss/Disp, . i : Second F	Extent : Moderate,	Агеа Ад	естеа : 15%			
			toor Kooj xtent : Light, Area	Affected	. 15%			
			or Gymnasium And					
Skylight, Metal/Glass	15%	4+	\$121,900	2036	**			
Skylight, Wetai/Glass			ent : Moderate, Ar		ed · 40%			
	_	i : Through		eu rijjeen	. 7070			
nterior								
Floors								
Cast in Place Concrete	80%	Now	\$226,300	LIFE	* *	5	\$243,700	
	Cracking/	Crumbling,	Extent: Light, Are	ea Affecte	d: 20%			
		: Through						
			amage, Extent : M	oderate, A	Area Affected : 159	%		
	Location	: Ground	Floor, First Floor					
Ceramic Tile	5%			2029	* *	5	\$7,000	
Quarry Tile	10%			2031	* *	5	\$20,900	
Vinyl Tile	5%		\$57,800	2036	* *	3	\$2,600	
		-	amage, Extent : Se	vere, Are	a Affected : 100%			
T	Location	: Through	out					
Interior Walls Ceramic Tile	5%			2029	* *	5	\$2,500	
Concrete Masonry Unit	80%			LIFE	* *	5 5	\$2,300 \$15,800	
Gypsum Board	10%			LIFE	* *	5	\$3,000	
Masonry: Brick	5%	Now	\$18,800	LIFE	* *	3	Ψ5,000	
11 11 30111 3 1 211 0 11			ere, Area Affected					
	Location	ı : Stairwell	ls And 2nd Floor C	Corridor				
	Water Per	netration, E	xtent : Moderate, A	Area Affe	cted : 10%			
	Location	i : East And	l West Stairwells					
Ceilings								
AcousTileSusp.Lay-In	10%			2024	\$110,000	5	\$13,900	
		-	ents, Extent : Mod	erate, Are	ea Affected : 15%			
		: Through			· 1 500/			
		Discoloring, a: Through	Extent : Moderate out	e, Area A <u>f</u>	fected : 50%			
Exposed Concrete	30%			LIFE	* *	5	\$6,500	
Exposed Struc: Steel	60%			LIFE	* *			
			xtent : Light, Area	Affected .	: 5%			
	Location	: Through	out					

Electrical	Curr	ent	Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Fail I Total (Yea		Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

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

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

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

Asset #: 4134

Electrical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2036	* *	5	\$300	
	Other Observation, Extent: Mod	derate, Area Affected : I	00%			
	Location: Electrical Room					
	Explanation: One 2000 Amps	Main Disconnect Switch	h			
Switchgear / Switchboard				_		
Fused Disc Sw	100%	2036	* *	5	\$300	
Raceway						
Conduit	100%	2036	* *	1		
Panelboards						
Fused Disc Sw	10%	2034	* *	5	\$100	
Molded Case Bkrs	90%	2034	* *	5	\$1,400	
Wiring						
Thermoplastic	100%	2036	* *	1		
Motor Controllers						
Locally Mounted	25%	2031	* *	5	\$100	
Motor Control Center	75%	2031	* *	5	\$1,200	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$900	
Lighting						
Interior Lighting						
Fluorescent	40%	2034	* *	10	\$21,400	
	Other Observation, Extent: Mod		00%			
	Location: Locker Rm, Fitness	Room And Offices				
	Explanation: T-8 Lamps					
HID	60%	2034	* *	10	\$1,100	
Egress Lighting						
Emergency, Battery	50%	2034	* *	10	\$7,000	
Exit, Service	50%	2034	* *	1		
Exterior Lighting						
HID	30%	2034	* *	10	\$100	
No Component	70%					
Alarm						
Fire/Smoke Detection						
No Component	70%					
1 to component						

Mechanical	Currer	t Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2046	* *	1		

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

Asset #: 4134

Mechanical		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Steam Boiler	Location	ervation, E : Boiler R tion : 2 Un		2039 Affected	* * : 100%	1	\$57,800	
Distribution Hot Wtr Piping/Pump	100%			2042	* *	4	\$4,300	
Terminal Devices								
Air Handler	50%			2031	* *	1	\$18,100	
Convector/Radiator	30%			2039	* *	1	\$5,700	
Fan Coil Unit/Heat	20%			2026	\$170,800	1	\$3,800	
Air Conditioning					•		•	
Energy Source Electricity	100%			2042	* *	1		
Conversion Equipment Exterior Pkg Unit - Cooling	20%	0-2	\$52,700	2036	**	2	\$600	
		xtent : Mod : Mechan	lerate, Area Affecte ical Room	d: 100%	ó			
Window/Wall Unit	20%			2024	\$23,400	1		
No Component	60%							
Heat Rejection Air Condenser Unit	100% Not in Serv Location		\$4,600 t : Severe, Area Aff	2026 ected : 1	\$45,600 00%	2	\$32,500	
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$32,600	
Exhaust Fans								
Roof	100%	Now	\$4,500	2026	\$45,300	2	\$1,400	
	Unit Inope	rable, Exte	ent : Moderate, Are	a Affecte	ed: 10%			
	Location	: One Of S	Seven Units On Roo	f				
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2046	* *	1		
Galv Iron/Steel	70%			2031	* *	1		
Water Heater								
Gas Fired	100%			2021	\$13,300	2	\$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Rigid Piping	100%			2026	\$10,800	4	\$2,500	
Backflow Preventer Generic	100%			2026	\$5,500	1	\$3,600	

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

Asset #: 4134

Mechanical	Current Repair	Future Repla	acement I	Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year Estim FY	ated Cost Cycle (Yrs)		Priority
Plumbing				·	
Fixtures					
Generic	100%				
	Obsolete Fixtures, Extent : M	oderate, Area Affected : 10	00%		
	Location: Throughout				
Fire Suppression					
Standpipe					
Generic	100%	2036	* * 1-5	\$30,500	
Sprinkler					
Generic	100%	2036	* * 1-2	\$16,400	

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BRONX DISTRICT 11 GARAGE FORMER INCINERATOR

Address : 800 ZEREGA AVENUE

Borough : BRONX Agency's Number : N/A

Date of Survey : 15-May-2015 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,3

Block : 3702 Lot : 1 BIN : 2094842

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$2,056,900	\$234,800
Interior Architecture	\$604,200	\$172,700
Electrical		\$337,000
Mechanical	\$100,500	\$223,300
Total	\$2,761,500	\$967,800
Importance Code A	\$2,056,900	\$234,800
Importance Code B	\$476,900	\$733,000
Importance Code C	\$227,700	
Total	\$2,761,500	\$967,800

Total	\$188,500	\$6,600	\$13,800	\$64,800
Importance Code C	\$33,000			
Importance Code B	\$85,100	\$6,600	\$13,200	\$64,600
Importance Code A	\$70,300		\$600	\$100
Total	\$188,500	\$6,600	\$13,800	\$64,800
Mechanical	\$22,100	\$5,400	\$13,200	\$62,800
Electrical	\$50,300	\$1,200	\$600	\$700
Interior Architecture	\$46,300			\$1,200
Exterior Architecture	\$69,700			
EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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 #: 4241

Architecture	Current Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior						
Exterior Walls	50/ N	140.500 LIEE	* *	_	¢46,000	
Cast Stone/Terra Cotta	5% Now \$2 Cracking/Crumbling, Extent:	248,500 LIFE		5	\$46,800	
	Location: At Building Base	moderate, med m	jeciea . 2570			
	Jnt Mortar Miss/Erod, Extent	: Moderate, Area A	Affected : 25%			
	Location: Throughout					
Fiberglass Panel	10% Now \$	S25,700 2035	* *	5	\$22,500	
	Broken/Missing Elements, Ext	ent : Light, Area A	ffected : 20%			
	Location: Throughout					
Masonry: Brick		018,100 LIFE	* *	5	\$77,900	
	Broken/Missing Elements, Ext Location: East Facade	ent : Moderate, Ar	ea Affected : 20%			
	Cracking/Crumbling, Extent:	Moderate Area At	fected : 20%			
	Location: Throughout	moderate, med m	jecieu . 2070			
	Jnt Mortar Miss/Erod, Extent	: Moderate, Area A	Affected : 50%			
	Location: Throughout					
Metal Coiling Doors		99,200 2031	* *	5	\$18,700	
	Corrosion/Rusting, Extent: M	loderate, Area Affe	cted : 20%			
	Location: East Facade	- 1 A A	4-1-200/			
	Deformed/Dented, Extent : Mo Location : East Facade	oaeraie, Area Ajjec	iea : 20%			
Stucco Cement	-	633,900 2031	* *	5	\$15,000	
Stucco Cement	Cracking/Crumbling, Extent:	,	fected : 20%	3	\$15,000	
	Location : Throughout		,			
Windows						
Aluminum		158,300 2034	* *	5	\$18,700	
	Air Infiltration, Extent: Light,	, Area Affected : 10	1%			
	Location: Throughout Ctrwt/Balnc Not Funct, Exten	t · Light Area Affor	ated · 30%			
	Location: Throughout	ı . ықт, ағен Аујес	леи . 30/0			
Metal Louvers	5%	2035	* *	10	\$12,300	
	2,0	2998			Ψ1 = ,500	

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

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

Asset #: 4241

Architecture	Current Re	Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Parapets Cast Stone/Terra Cotta	10% Now Cracking/Crumbling, 1 Location: Throughou	_	LIFE ea Affecte	* * ed : 10%	5	\$10,400	
	Jnt Mortar Miss/Erod, Location : At Coping	Extent : Moderat	e, Area A	Affected : 50%			
Masonry: Brick	80% Now Diagonal Cracks, Exte Location: Corners A Jnt Mortar Miss/Erod, Location: Throughout	nd Throughout F Extent : Moderat	acades		5	\$10,800	
Metal Panel	10% Now Deformed/Dented, Ext Location: Throughor Seams Open/Split, Exte Location: Throughor	ut ent : Moderate, A			5	\$2,600	
Roof							
Modified Bitumen	100% Recent Replace Eviden Location: Throughout		2034 Area Affa	* * ected : 100%	10	\$110,100	
nterior							
Floors Cast in Place Concrete	85% Now Cracking/Crumbling, 1	\$160,400	LIFE	* *	5	\$172,700	
	Location: Garage A. Spalling, Extent: Ligh Location: Throughout	rea And Corridor t, Area Affected :	Between		Garage		
Ceramic Tile	5% Now Broken/Missing Eleme Location: Toilets An Cracking/Crumbling, I Location: Throughou	d Shower Rooms Extent : Severe, A			5	\$2,300	
Vinyl Tile	10% Now Cracking/Crumbling, I Location: At Office Worn/Eroded, Extent: Location: At Office			-	3	\$3,500	

Asset #: 4241

Architecture		Current I	Repair	Futur	Future Replacement		Maintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Interior Walls								
Concrete Masonry Unit	50%	Now	\$94,700	LIFE	* *	5	\$17,500	
	Cracking/	Crumbling,	Extent: Light, Are	ea Affecto	ed : 20%			
	Location	ı : Through	out					
Masonry: Brick	40%	Now	\$133,000	LIFE	* *			
•	Cracking/	Crumbling,	Extent : Light, Are	ea Affecto	ed : 10%			
	Location	ı : Through	out					
SGFT/Glazed Masonry	10%	Now	\$33,000	LIFE	* *			
2			Extent : Light, Are		ed : 10%			
	_	ı : Through	_	33				
Ceilings								
AcousTileSusp.Lay-In	10%	Now	\$7,300	2031	* *	5	\$4,600	
1	Staining/L	Discoloring,	, Extent : Moderate	, Area A	ffected : 30%			
	Location	ı : Locker F	Room					
	Water Per	netration, E	Extent : Moderate, A	Area Affe	cted : 20%			
	Location	ı : Locker F	Room					
Exposed Concrete	35%	Now	\$51,100	LIFE	* *	5	\$5,100	
Exposed Concrete			Extent : Moderate		ffected : 10%	3	ψ3,100	
		ı : Main Ga		,	9			
			ht, Area Affected :	20%				
	-	ı : Through						
Exposed Struc: Steel	50%			LIFE	* *			
Plaster	5%		\$6,000	LIFE	* *	5	\$2,900	
1 145001			Extent : Moderate		ffected : 10%	5	Ψ2,700	
		orumenns, 1 : Toilets		, - 1	,,			

lectrical ectrical	Current Repair	Futur	e Replacement	Ma				
stem Component Type	% of Fail Date Estimated Cos Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
der 600 Volts								
Service Equipment								
Fused Disc Sw	50%	2036	* *	5	\$100			
	Other Observation, Extent : Moderate	e, Area Affe	cted : 100%					
	Location : Electrical Room							
	Explanation: Main Service Switch	Rated @ 60	0 Amperes.					
Fused Disc Sw	50%	2026	\$13,300	5	\$100			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room							
	Explanation: Main Service Switch	Rated @ 80	0 Amperes.					
Switchgear / Switchboard								
Fused Disc Sw	30%	2026	\$50,100	5	\$100			
Molded Case Bkrs	70%	2026	\$116,900	5	\$1,100			
Raceway								
Conduit	95%	2026	\$44,600	1				
Conduit	5%	2036	* *	1				

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

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

Asset #: 4241

Electrical		Current I	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts									
Panelboards									
Fused Disc Sw	5%			2025	\$4,700	5	\$100		
Molded Case Bkrs	70%			2025	\$66,400	5	\$1,100		
Molded Case Bkrs	20%			2034	* *	5	\$300		
Molded Case Bkrs	5%	2-4	\$4,700	2051	* *	5			
		Corroded, : 1st Floor	Extent : Moderate, r	, Area A <u>j</u>	fected : 100%				
Wiring									
Braided Cloth	40%	2-4	\$21,500	2051	* *	1			
		_	ent : Moderate, Are out The Building	a Affecte	ed : 100%				
Thermoplastic	50%			2026	\$26,900	1			
Thermoplastic	10%			2036	* *	1			
Motor Controllers									
Locally Mounted	80%			2024	\$59,000	5	\$300		
Locally Mounted	20%	2-4	\$14,800	2046	* *	5			
•		ed Life, Ex : 1st Floor	tent : Moderate, Ai r	rea Affec	ted : 100%				
Ground									
Grounding Devices									
Generic	100%	0-2	\$9,300	LIFE	* *	5	\$900		
			Extent : Moderate, A	Area Affe	ected : 100%				
		: 1st Floor							
	Explanat	ion : Corre	oded						
Lighting									
Interior Lighting	40-1						*****		
Fluorescent	60%			2034	**	10	\$34,100		
	•		res, Extent : Moder out The Building	rate, Are	a Affected : 100%				
HID	40%			2034	* *	10	\$800		
Egress Lighting									
Exit, Service	100%			2026	\$6,700	1			
Exterior Lighting									
HID	100%			2034	* *	10	\$200		
Lightning Protection									
Arresters/Cabling									
Generic	100%			2029	* *	5	\$1,800		
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%				
	Location	: Outside							
	Explanat	ion : Loca	ted In The Stacks O	nly					

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

Heating

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

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

Asset #: 4241

Mechanical	Current R	Current Repair			М	Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source Electricity No Component	10% 90%		2036	* *	1			
Conversion Equipment								
Radiant Heater	10%		2026	\$26,700	2	\$2,900		
No Component		90% Other Observation, Extent: Light, Area Affected: 0% Location: First Floor						
	Explanation : Incine		noer In Se	rvice				
Distribution	zapiananon i meme			.,,,,,				
Steam Piping/Pump	100% Not in Service, Extent Location : First Floo Making Steam Are N On Extended Life, Ext Location : Throughe	or, The Incinerator No Longer In Oper tent : Moderate, Ar	rs Which ation.	Served As The Soi	4 urce Of E	\$4,600 Energy For		
Terminal Devices								
Air Handler	90%		2021	\$29,400	1	\$34,500		
	Not in Service, Extent Location: Garage F Making Steam Are N On Extended Life, Ext Location: First Floo	Floor, The Incinera No Longer In Oper tent : Severe, Area	itors Whi	ch Served As The .: 100%	Source O	f Energy For		
Convector/Radiator	10%		2031	* *	1	\$2,000		
	Not in Service, Extent Location : Througho The Source Of Ener	out, Locker Rooms	And Offi	ce Spaces, The Inc		s Which Served As		
Air Conditioning								
Energy Source	100/		2024	* *	1			
Electricity No Component	10% 90%		2034	<i>ሉ</i>	1			
No Component	90%							
Conversion Equipment Window/Wall Unit	10%		2024	\$12,500	1			
No Component	90%			ψ1 2, 230	•			
Distribution								
Ductwork/Diffusers	10%		LIFE	* *	2	\$8,100		
	Not in Service, Extent Location : Mezzanin			9%		. ,		
No Component	90%							
Vantilation								

Ventilation

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

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

Asset #: 4241

Mechanical	Current I	Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Distribution Ductwork/Diffusers	10% 0-2 Damaged, Extent : M Location : Various		LIFE cted : 10	* *	2-5	\$3,500	
	Faulty Air Intake, Ex Location : At Equip Needs Cleaning, Exte	tent : Moderate, Ai oment Fresh Air Int ent : Moderate, Are	ake				
D 1 100100	Location: Through	out	TIPP	ale ale	2.5	Φ21 100	
Ductwork/Diffusers Exhaust Fans	90%		LIFE	* *	2-5	\$31,100	
Roof	100% 0-2 Malfunctioning, Exte Location : Roof, Mi				2	\$1,500	
Plumbing	Locuion : Rooj, mi	mpie mechanicai	11114 OT 1	2.ce.ricai Dejecis			
H/C Water Piping Galv Iron/Steel	100% On Extended Life, Ex	rtant : Madarata A	2024	\$181,000	1		
	Location : Through		ей Ајјес	iea . 100%			
Water Heater	200min Timongh						
Oil Fired	100% Other Observation, E Location : 1st Floor		2021 Affected	\$18,800 : 100%	1	\$1,800	
	Explanation: One	Unit - 275 Gallons					
Sanitary Piping Cast Iron	10% 0-2 Blockage /Clogged, I Location : Tunnel A				1		
Cast Iron	90% On Extended Life, Ex Location : Through		LIFE rea Affec	* * ted : 100%	1		
Storm Drain Piping							
Cast Iron	100% On Extended Life, Ex Location : Through		LIFE rea Affec	* * ted : 100%	1		
Backflow Preventer							
Generic	5% 0-2 Other Observation, E Location: First Flo Explanation: Leak	oor Water Meter Ro	oom		1	\$200	
Generic	95%		2026	\$5,600	1	\$3,600	
Fixtures Generic	100%					•	
Fire Suppression	100,0						
Standpipe							
Generic	100%		2036	* *	1-5	\$32,400	

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

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

Page: 50

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BRONX DISTRICT 5 ADMIN. BLDG.

Address : 1310 CROMWELL AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOS0067.010 / 14766 Yr Built/Renovated : 1997 /

Area Sq Ft : 2,626 Project Type : SANITATION

Date of Survey : 13-Jun-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2864 Lot : 20 BIN : 2117800

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$42,500
Total		\$42,500
Importance Code A		\$42,500
Total		\$42,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$20,000		\$400	
Interior Architecture	\$22,700			\$900
Electrical	\$1,600		\$100	\$100
Mechanical	\$1,100	\$200	\$500	\$200
Total	\$45,500	\$300	\$1,000	\$1,200
Importance Code A	\$20,100	\$100	\$500	\$100
Importance Code B	\$9,100	\$200	\$400	\$700
Importance Code C	\$16,300			\$400
Total	\$45,500	\$300	\$1,000	\$1,200



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

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

DEPARTMENT OF SANITATION - 827 BRONX DISTRICT 5 ADMIN. BLDG.

Asset #: 14766

	Current Repair		Future Replacement		Maintenance				
estem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori	
terior									
Exterior Walls									
Masonry: Brick Cavity	95%			LIFE	* *	5	\$13,500		
Metal Panel	3%			2047	* *	5-10	\$1,500		
Pre-Cast Concrete	2%			LIFE	* *	5	\$900		
Windows	1000/			2025	* *	~	Φ000		
Aluminum	100%	amation I	Extent : Light Anga	2035		5	\$800		
		Other Observation, Extent : Light, Area Affected : 100% Location : Throughout							
		_	oui ective Metal Grilles	,					
Parapets	Ехрини	iion . I roie	ctive metal Grities	·					
Concrete Masonry Unit	5%			LIFE	* *	5-10			
Metal Panel	5%			2047	* *	5			
No Component	90%								
Roof									
Modified Bitumen	100%	Now	\$12,700	2027	\$42,500				
	Blisters, E	Extent : Mod	derate, Area Affecto	ed : 15%					
	Location	: Through	out						
	Ridging, I	Extent : Mo	derate, Area Affect	ed : 25%	,				
	Location	i : Through	out						
	Seams Op	en/Split, Ex	tent : Moderate, A	rea Affec	ted : 20%				
	Location	· At Stann	ed Up Parapets An	1 D C D					
				-					
	Vegetation	ı Growth, I	Extent : Moderate, 1	-					
	Vegetation		Extent : Moderate, 1	-					
erior	Vegetation	ı Growth, I	Extent : Moderate, 1	-					
Floors	Vegetation Location	ı Growth, I	Extent : Moderate, 1	Area Affe	ected : 15%		(*000		
Floors Cast in Place Concrete	Vegetation Location 5%	ı Growth, I	Extent : Moderate, 1	Area Affe	**	5	\$900		
Floors Cast in Place Concrete Ceramic Tile	Vegetation Location 5% 5%	n Growth, 1 n : South Ec	Extent : Moderate, a ust Corner	Area Affe	** **	5	\$200		
Floors Cast in Place Concrete	Vegetation Location 5% 5% 90%	n Growth, I n : South Ec Now	Extent : Moderate, a ust Corner \$2,900	LIFE 2036 2022	** ** \$29,400				
Floors Cast in Place Concrete Ceramic Tile	Vegetation Location 5% 5% 90% Broken/M	n Growth, I n : South Ed Now issing Elen	Extent : Moderate, a ust Corner \$2,900 nents, Extent : Mod	LIFE 2036 2022 erate, Ar	** ** \$29,400	5	\$200		
Floors Cast in Place Concrete Ceramic Tile	Vegetation Location 5% 5% 90% Broken/M Location	n Growth, I : South Ec Now issing Elen : Corrido	Extent : Moderate, a ust Corner \$2,900 nents, Extent : Mod rs And Kitchen Are	LIFE 2036 2022 erate, Ar	** ** \$29,400 ea Affected: 15%	5	\$200		
Floors Cast in Place Concrete Ceramic Tile	Vegetation Location 5% 5% 90% Broken/M Location Worn/Ero	n Growth, I : South Ec Now issing Elen : Corridoo ded, Extent	\$2,900 nents, Extent: Moderate, Area And Kitchen Area	LIFE 2036 2022 erate, Ar	** ** \$29,400 ea Affected: 15%	5	\$200		
Floors Cast in Place Concrete Ceramic Tile Vinyl Tile	Vegetation Location 5% 5% 90% Broken/M Location Worn/Ero	n Growth, I : South Ec Now issing Elen : Corrido	\$2,900 nents, Extent: Moderate, Area And Kitchen Area	LIFE 2036 2022 erate, Ar	** ** \$29,400 ea Affected: 15%	5	\$200		
Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls	Vegetation Location 5% 5% 90% Broken/M Location Worn/Ero Location	n Growth, I : South Ec Now issing Elen : Corridoo ded, Extent	\$2,900 nents, Extent: Moderate, Area And Kitchen Area	LIFE 2036 2022 erate, Ar a Affected	** ** \$29,400 ea Affected: 15%	5 3	\$200 \$1,300		
Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile	Vegetation Location 5% 5% 90% Broken/M Location Worn/Ero Location 5%	n Growth, I : South Ec Now issing Elen : Corridoo ded, Extent	\$2,900 nents, Extent: Moderate, Area And Kitchen Area	LIFE 2036 2022 erate, Ar a Affected	** ** \$29,400 ea Affected: 15%	5 3	\$200 \$1,300 \$800		
Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane	Vegetation Location 5% 5% 90% Broken/M Location Worn/Ero Location 5% 3%	n Growth, I : South Ec Now issing Elen : Corridoo ded, Extent	\$2,900 nents, Extent: Moderate, Area And Kitchen Area	LIFE 2036 2022 erate, Ar a Affected 2036 LIFE	** ** \$29,400 ea Affected: 15% : 40%	5 3 5 5	\$200 \$1,300 \$800 \$700		
Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board	Vegetation Location 5% 5% 90% Broken/M Location Worn/Ero Location 5%	n Growth, I : South Ec Now issing Elen : Corridoo ded, Extent	\$2,900 nents, Extent: Moderate, Area And Kitchen Area	LIFE 2036 2022 erate, Ar a Affected	** ** \$29,400 ea Affected: 15% : 40%	5 3	\$200 \$1,300 \$800		
Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board Ceilings	Vegetation Location 5% 5% 90% Broken/M Location Worn/Ero Location 5% 3% 92%	n Growth, I : South Ec Now issing Elen : Corridoo ded, Extent	\$2,900 nents, Extent: Moderate, A set Corner \$2,900 nents, Extent: Moders And Kitchen Area : Moderate, Area A out	LIFE 2036 2022 erate, Ar a 2036 LIFE LIFE	** ** \$29,400 ea Affected: 15% : 40%	5 3 5 5 5-10	\$200 \$1,300 \$800 \$700 \$24,600		
Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board	Vegetation Location 5% 5% 90% Broken/M Location Worn/Ero Location 5% 3% 92%	Now issing Elen t: Corridor ded, Extent t: Through	\$2,900 nents, Extent: Moderate, Area And Kitchen Area And the Sand Sand Sand Sand Sand Sand Sand Sand	LIFE 2036 2022 erate, Ar a Affected LIFE LIFE 2040	**	5 3 5 5	\$200 \$1,300 \$800 \$700		
Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board Ceilings	Vegetation Location 5% 5% 90% Broken/M Location Worn/Ero Location 5% 3% 92% 100% Broken/M	Now issing Elen a: Corridor ded, Extent a: Through	\$2,900 nents, Extent: Moderate, A set Corner \$2,900 nents, Extent: Moders And Kitchen Area : Moderate, Area A out	LIFE 2036 2022 erate, Ar a Affected LIFE LIFE 2040 erate, Ar	**	5 3 5 5 5-10	\$200 \$1,300 \$800 \$700 \$24,600		
Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Glass: Single Pane Gypsum Board Ceilings	Vegetation Location 5% 5% 90% Broken/M Location Worn/Ero Location 5% 3% 92% 100% Broken/M Location	Now issing Elen c: Corridor ded, Extent c: Through 4+ issing Elen c: Various	\$2,900 nents, Extent: Moderate, And Kitchen Area and Michael Marea and Michael Marea and Michael Marea and Michael Mic	LIFE 2036 2022 erate, Ar a Affected LIFE LIFE 2040 erate, Ar out	**	5 3 5 5 5-10	\$200 \$1,300 \$800 \$700 \$24,600		

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

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

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

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

DEPARTMENT OF SANITATION - 827 BRONX DISTRICT 5 ADMIN. BLDG.

Asset #: 14766

Electrical	Current Rep	oair Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2037	* *	5		
Raceway						
Conduit	100%	2037	* *	1		
Panelboards						
Fused Disc Sw	5%	2035	* *	5		
Molded Case Bkrs	95%	2035	* *	5	\$100	
Wiring						
Thermoplastic	100%	2037	* *	1		
Motor Controllers						
Locally Mounted	100%	2032	* *	5		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Lighting						
Interior Lighting						
Fluorescent	100%	2032	* *	10	\$2,400	
	T-8 Lamps And Fixtures Location : Throughout		a Affected : 100%			
Egress Lighting						
Exit, Service	100%	2032	* *	1		
Exterior Lighting						
HID	100%	2032	* *	10		
Alarm						
Security System						
No Component	80%					
Generic	20% Now	\$1,600 2037	* *	1	\$200	
	Not in Service, Extent : S Location : Throughout		00%			
Fire/Smoke Detection						
No Component	80%					
Generic, Digital	20%	2027	\$5,300	1-3	\$300	

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2047	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2040	* *	1	\$1,300	
Terminal Devices							
Fan Coil Unit/Heat	100%		2032	* *	1	\$900	
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		

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

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

DEPARTMENT OF SANITATION - 827 BRONX DISTRICT 5 ADMIN. BLDG.

Asset #: 14766

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Exterior Pkg Unit -	10%			2032	* *	2		
Cooling								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$2,300	
Exhaust Fans								
Roof	100%			2032	* *	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2047	* *	1		
Water Heater								
Gas Fired	100%			2025	\$600	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2032	* *	1	\$200	
Fixtures								
Generic	100%							

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BROOKLYN 11 SANITATION GARAGE BK S11

Address : 1824 SHORE PARKWAY

Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 05-Jun-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 6943 Lot : 2 BIN : 3378180

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$528,600	\$129,100
Interior Architecture	\$786,500	\$158,100
Electrical	\$351,900	\$126,600
Mechanical	\$135,800	\$1,506,600
Total	\$1,802,700	\$1,920,300
Importance Code A	\$528,600	\$129,100
Importance Code B	\$1,224,100	\$1,791,200
Importance Code C	\$50,000	
Total	\$1,802,700	\$1,920,300

Total	\$89,900	\$73,700	\$20,900	\$17,300
Importance Code C	\$7,600			
Importance Code B	\$38,300	\$49,400	\$17,500	\$13,900
Importance Code A	\$43,900	\$24,300	\$3,400	\$3,400
Total	\$89,900	\$73,700	\$20,900	\$17,300
Mechanical	\$31,300	\$43,600	\$14,300	\$9,600
Electrical	\$5,300	\$5,700	\$6,600	\$5,200
Interior Architecture	\$12,700	\$3,600		\$2,600
Exterior Architecture	\$40,500	\$20,800		
EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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 #: 122

Architecture	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
xterior					
Exterior Walls	5004	X XXXX	_	452 500	
Masonry: Brick	60%	LIFE **	5	\$72,500	
Metal Coiling Doors	30% Now \$200,900	2029	5	\$56,600	
	Broken/Missing Elements, Extent: Mo Location: Throughout	aerate, Area Affectea : 40%			
Metal Coiling Doors	5%	2044 **	5	\$18,900	
Window Wall	5%	2044 **	5	\$22,700	
Windows					
Aluminum	100% Now \$132,800	2040 * *	5	\$8,100	
	Ctrwt/Balnc Not Funct, Extent : Mode	rate, Area Affected : 30%			
	Location: Throughout				
Parapets	40		_	4 7 000	
Cast Stone/Terra Cotta	10% 2-4 \$8,000	LIFE **	5	\$5,000	
	Cracking/Crumbling, Extent: Light, A	rea Affected : 10%			
	Location: Throughout	A A CC4 - 1 - 100/			
	Jnt Mortar Miss/Erod, Extent: Light, A Location: Throughout	Агеа Аƒестеа : 10%			
Masonry: Brick	90% 0-2 \$32,600	LIFE **	5	\$5,800	
Wasoniy. Brick	Cracking/Crumbling, Extent: Light, A		3	Ψ3,000	
	Location : Throughout	33			
Roof					
Modified Bitumen	95% 2-4 \$106,300	2029 * *			
	Alligatoring, Extent : Light, Area Affect	cted : 10%			
	Location: Throughout				
	Blisters, Extent : Moderate, Area Affec	eted : 20%			
	Location : Throughout				
Skylight, Plastic	5% 2-4 \$88,600	2037 **	1		
	Broken/Missing Elements, Extent : Lig	ht, Area Affected : 20%			
	Location : Throughout				
terior					
Floors	700/	TIEE **	~	¢1.50.100	
Cast in Place Concrete	70%	LITE	5	\$158,100	
Ceramic Tile	7% Recent Replace Evident, Extent : Light	2039	5	\$7,200	
	Location: Throughout	, Area Ajjeciea . 100/0			
Panel/Paver: Cer/Brk	3% 4+ \$42,700	2040 **	5	\$3,500	
ranci/raver. Cer/BIK	5% 4+ \$42,700 Cracking/Crumbling, Extent: Light, A	2040	3	\$3,300	
	Location: Throughout	.ca.igjeeiea . 1070			
Vinyl Tile	20% Now \$171,400	2034 **	3	\$7,700	
villyi THE	Punct/Tear/Impact Damage, Extent: S	2034		\$7,700	
	Location: Throughout				

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

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

Asset #: 122

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	55%	2-4	\$50,000	LIFE	* *	5	\$9,200	
	Cracking/0	Crumbling,	Extent: Light, Are	a Affecte	ed : 10%			
	Location	: Through	out					
Gypsum Board	15%	Now	\$7,600	LIFE	* *	5	\$3,800	
• 1	Cracking/0	Crumbling,	Extent : Moderate	Area A	ffected : 40%			
	Location	: Through	out					
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	25%	Now	\$203,900	2044	* *	5	\$12,900	
		ssing Elem : Through	ents, Extent : Sever out	e, Area	Affected : 100%			
Exposed Struc: Steel	30%	4+	\$318,500	LIFE	* *			
•	Corrosion	Rusting, E.	xtent : Moderate, A	rea Affe	cted : 30%			
	Location	: Through	out					
Exposed Struc: Steel	40%			LIFE	* *			
Gypsum Board	5%	Now	\$5,100	LIFE	* *	5	\$6,500	
• •	Cracking/0	Crumbling,	Extent : Severe, A	ea Affec	eted : 100%			
	Location	: Through	out					

ectrical	Current Repair	Futur	e Replacement	M	aintenance		
stem Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
der 600 Volts							
Service Equipment							
Fused Disc Sw	70%	2024	\$1,700	5	\$200		
	Other Observation, Extent:	Moderate, Area Affe	cted : 100%				
	Location : Electrical Roon	ı					
	Explanation: Two 3000 A	nps Main Disconnec	t Switch				
Fused Disc Sw	30%	2044	* *	5	\$100		
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location : Electrical Roon	ı					
	Explanation: One 400 Am	ps Main Disconnect	Switch				
Switchgear / Switchboard							
Fused Disc Sw	100%	2024	\$47,700	5	\$300		
Raceway							
Conduit	95%	2024	\$8,700	1			
Conduit	5%	2050	* *	1			
Panelboards							
Fused Disc Sw	5%	2023	\$1,500	5	\$100		
Molded Case Bkrs	95%	2023	\$27,700	5	\$1,900		
Wiring							
Thermoplastic	5%	2050	* *	1			
Thermoplastic	95%	2024	\$18,900	1			

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

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

Asset #: 122

Electrical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of l Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Motor Controllers							
Locally Mounted	20%		2022	\$11,200	5	\$100	
Motor Control Center	80%		2022	\$10,300	5	\$1,700	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$1,100	
Lighting							
Interior Lighting	40			de de		** **********************************	
Fluorescent	60%		2032	* *	10	\$38,000	
		rvation, Extent : Moderate,	Area Affe	ected : 100%			
		Throughout					
		on : T-8 Lamps					
HID	40%		2032	* *	10	\$900	
Egress Lighting							
Emergency, Battery	45%		2024	\$40,900	10	\$7,500	
Emergency, Battery	5%		2032	* *	10	\$800	
Exit, Service	40%		2024	\$7,300	1		
Exit, Service	10%		2032	* *	1		
Exterior Lighting							
HID	100%		2019	\$283,700	10	\$200	
Alarm							
Security System							
No Component	70%						
Generic	30%	Now \$68,200	2034	* *	1	\$7,800	
	-	ning, Extent : Moderate, Are : Throughout	a Affecte	d : 100%			
Fire/Smoke Detection	1000/		2020	* *	1.2	Φ 477 400	
Generic	100%		2029	**	1-3	\$47,400	

/lechanical	Current Repair	Future R	eplacement	Ma	aintenance	
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Fuel Oil No 2	100%	2034	* *	5	\$21,400	
Conversion Equipment						
Hot Water Boiler	100%	2037	* *	1	\$34,100	
	Other Observation, Extent: Light	t, Area Affected : 10	00%			
	Location: Boiler Room					
	Explanation: 2 Units					
Distribution						
Hot Wtr Piping/Pump	100%	2023	\$338,300	4	\$5,100	

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

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

Asset #: 122

Mechanical		Current	Repair	Futur	e Replacement	M	aintenance	
System	% of		Estimated Cost		Estimated Cost			Priority
Component Type	Total	(Years)	Estimated Cost	FY	Estimated Cost	(Yrs)	Estimated Cost	FIIOII
leating								
Terminal Devices								
Convector/Radiator	_		\$12,700 evere, Area Affected out	2022 d: 15%	\$127,200	1	\$4,000	
Unit Heater-Stm/HW	80%			2029	* *	4	\$5,100	
Air Conditioning								
Energy Source Electricity	100%			2032	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	25%	Now	\$77,700	2034	* *	2	\$800	
_	R-22 Refr	igerant, Ex	tent : Light, Area A	ffected :	25%			
	Location							
			Extent : Moderate, A	Area Affe	ected : 25%			
	Location							
			Extended Life					
Window/Wall Unit	10%			2019	\$13,800	1		
No Component	65%							
Ventilation								
Distribution	1000/	N	¢50 100	LIDD	* *	2.5	¢20 500	
Ductwork/Diffusers	_	, Extent : S	\$58,100 evere, Area Affecte etal Stack Is Broker			2-5	\$38,500	
Exhaust Fans								
Roof	100% Not in Sei Location	vice, Exten	\$10,700 at : Severe, Area Aff	2024 fected : 8	\$53,500	2	\$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2024	\$201,100	1		
Water Heater								
Oil Fired	100%			2023	\$20,900	1	\$2,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	400							
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer	1000/			2020	* *	1	¢4.200	
Generic	100%			2029	* *	1	\$4,200	
Fixtures Generic	100%							
Generic Suppression	100%							
Standpipe								
Generic	100%			2034	* *	1-5	\$34,800	
Sprinkler	100/0			_001			Ψο 1,000	
Generic	100%			2024	\$786,400	1-2	\$19,300	
	/0			·	, ,		, ,- 30	

Maintenance \$ are aggregated over a 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: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BROOKLYN 12 GARAGE MAIN BUILDING

Address : 56-02 19 AVENUE

Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 13-May-2015 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 5480 Lot : 42 BIN : 3253262

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$2,599,200	\$222,500
Interior Architecture	\$947,700	\$145,300
Electrical	\$2,500	\$689,600
Mechanical	\$169,400	\$716,600
Total	\$3,718,700	\$1,774,000
Importance Code A	\$2,599,200	\$222,500
Importance Code B	\$831,800	\$1,551,500
Importance Code C	\$287,800	
Total	\$3,718,700	\$1,774,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$20,500			
Interior Architecture	\$102,900			\$2,200
Electrical		\$300	\$800	\$17,000
Mechanical	\$46,500	\$7,300	\$11,900	\$52,800
Total	\$169,900	\$7,500	\$12,600	\$72,000
Importance Code A	\$23,400	\$2,900	\$2,900	\$3,100
Importance Code B	\$96,700	\$4,600	\$9,700	\$68,900
Importance Code C	\$49,800			
Total	\$169.900	\$7.500	\$12,600	\$72,000



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

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

Asset #: 4196

chitecture	Current Repair Future Replacement Maintenance								
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated C FY	cost Cycle (Yrs)	Estimated Cost	Priorit				
erior			•						
Exterior Walls									
Masonry: Brick	90% Now \$1,374,700	LITE	** 5	\$93,300					
	Cracking/Crumbling, Extent: Moderate	, Area Affected : 25%							
	Location : Throughout								
	Efflorescence, Extent : Moderate, Area	Affected : 10%							
	Location: Throughout								
	Jnt Mortar Miss/Erod, Extent: Moderat	e, Area Affected : 45%							
	Location: Throughout	1 150/							
	Misaligned/Bulging, Extent: Moderate,	Area Affected : 15%							
	Location: Throughout								
	Water Penetration, Extent: Moderate, Area Affected: 30%								
	Location : Stair(s), Throughout Other Observation, Extent : Light, Area Affected : 100%								
		Affectea : 100%							
	Location: Throughout								
W 10 1 15	Explanation: 2 Stories, No Elevator	2021	st. st. ==	Φ25.000					
Wood Overhead Doors	10% Now \$96,100	2031	** 5	\$25,900					
	Punct/Tear/Impact Damage, Extent: Mo Location: Throughout	oderate, Area Affected	: /5%						
Windows	Location: Inroughout								
Windows Steel	100% Now \$710,300	2051	** 5	\$87,000					
Steel	Air Infiltration, Extent : Moderate, Area		3	\$67,000					
	Location: Throughout	Typecieu . 4570							
	Bent/Warped Elements, Extent: Moderate, Area Affected: 55%								
	Location : Throughout								
	Location: Inrougnout Corrosion/Rusting, Extent: Moderate, Area Affected: 55%								
	Corrosion/Rusting, Extent : Moderate, Area Affected : 55% Location : Throughout								
	Deteriorated Finish, Extent: Moderate, Area Affected: 55%								
	Deteriorated Finish, Extent : Moderate, Area Affected : 55% Location : Throughout								
	Glazing Broken/Cracked, Extent: Moderate, Area Affected: 25%								
	Location: Throughout	,	. , ,						
Parapets	0								
Cast Stone/Terra Cotta	10% Now \$20,500	LIFE	** 5	\$4,300					
	Cracking/Crumbling, Extent: Moderate			, ,					
	Location : Throughout								
	Int Mortar Miss/Erod, Extent : Light, A	ea Affected : 30%							
	Location: Throughout								
Masonry: Brick	90% Now \$279,400	LIFE	** 5	\$5,000					
Jan 1	Cracking/Crumbling, Extent: Moderate			1-9					
	Location : Inside Face								
	Spalling, Extent : Moderate, Area Affect	ed : 55%							
	Location : Inside Face								
	Worn/Eroded, Extent : Moderate, Area	Affected : 55%							
	Location : Inside Face								

Maintenance \$ are aggregated over a 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 #: 4196

Architecture		Current l	Repair	Futur	e Replaceme	nt	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated C	Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior Roof									
Modified Bitumen			Extent : Light, Area out	2036 Affected	: 100%	* *	10	\$42,200	
Single Ply Membrane	Location Debris Pr Location Ponding, Location Water Pe	Extent : Moon : Through resent, Extent : Through Extent : Moon : Through	nt : Moderate, Ared out oderate, Area Affec out xtent : Moderate, A	a Affected ted : 25%	ó	* *			
nterior									
Floors Cast in Place Concrete	_		\$67,500 Extent : Light, Arg	LIFE ea Affecte	ed : 20%	* *	5	\$145,300	
Ceramic Tile	_		\$25,100 Extent : Moderate out	2029 e, Area Aj	fected : 10%	* *	5	\$2,200	
Vinyl Tile	Location Cracking Location Worn/Ero	Failure, Ex n: 1st Floo /Crumbling, n: 1st Floo oded, Extent	\$147,100 stent: Moderate, A r, 2nd Floor Extent: Moderate r, 2nd Floor : Moderate, Area r, 2nd Floor	e, Area Aj	ffected : 25%	* *	3	\$6,600	
Interior Walls									
Masonry: Brick	Location Water Per Location Worn/Ero	Cracks, Exte n : At Stairs netration, E n : Through	Extent : Moderate, A out : Moderate, Area	Area Affe	cted : 15%	**			
Plaster	Location Staining/I	Crumbling, n : Through Discoloring	\$22,600 Extent : Moderate out , Extent : Moderate r, 2nd Floor			* *	5	\$2,200	
SGFT/Glazed Masonry	10% Cracking	Now	\$27,200 Extent : Light, Ar	LIFE ea Affecte	ed : 10%	* *			

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

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

Asset #: 4196

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	20%	Now	\$28,000	2031	* *	5	\$8,900	
	Broken/Missing Elements, Extent: Moderate, Area Affected: 30% Location: Throughout							
	Staining/I	Discoloring,	Extent : Moderate	, Area Ą	ffected : 40%			
	Location	ı : Through	out					
Exposed Concrete	80% Cracking/		\$445,300 Extent: Light, Are	LIFE ea Affect	* * ed : 30%	5	\$11,100	
	Location	ı : Through	out					

Electrical		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$2,500	5	\$300	
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	: Electrice	al Room					
	Explana	tion : No A	vailable Nameplate	e Ratings	1			
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	\$47,700	5	\$300	
Raceway								
Conduit	90%			2026	\$8,200	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	\$2,900	5	\$200	
Molded Case Bkrs	80%			2025	\$23,400	5	\$1,400	
Molded Case Bkrs	10%			2034	* *	5	\$200	
Wiring								
Thermoplastic	90%			2026	\$18,000	1		
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	\$39,300	5	\$400	
Locally Mounted	20%			2031	* *	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
	Other Obs	ervation, E	Extent : Light, Area	Affected	!: 0%			
	Location	: Basemer	ıt					
	Explana Insulatio		ected To Metal Wa	ter Pipe.	Point Of Contact	Not Visil	ole. Covered With	

Lighting

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

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

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

Asset #: 4196

Electrical	Current Repair	Future	Replacement	M	aintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Lighting							
Interior Lighting							
Fluorescent	30%	2026	\$38,000	10	\$16,300		
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location: 2nd Floor						
	Explanation: T-8 Lamps						
Fluorescent	2%	2021	\$2,500	10	\$1,100		
	T-12 Lamps And Fixtures, Extent:	Moderate, Area	a Affected : 100%	<u> </u>			
	Location: Toilets And Basement						
HID	68%	2026	\$321,100	10	\$1,300		
Egress Lighting							
Exit, Service	100%	2021	\$15,600	1			
Exterior Lighting							
HID	100%	2026	\$243,400	10	\$200		

echanical		Current Repair		Futur	e Replacement	Ma	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ating		ı						
Energy Source Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment Hot Water Boiler	100%			2039	* *	1	\$29,300	
Distribution								
Hot Wtr Piping/Pump		0-2 Extent : Se : Througho	\$29,000 vere, Area Affected out	2051 d: 20%	**	4	\$300	
		riorating, I : Through	Extent : Moderate, out	Area Afj	fected : 50%			
			: Severe, Area Affe oom H W Valve	cted : 50	%			
Hot Wtr Piping/Pump		ed Life, Ext	tent : Moderate, Ai	2025 rea Affec	\$261,300 ted: 100%	4	\$2,600	
Terminal Devices								
Terminal Devices Air Handler	40%	0-2	\$124,600	2036	* *	1	\$13,200	
	Not in Serv Location Mechanic On Extend	vice, Extent : Second F cal And Or ed Life, Ext	: Severe, Area Aff	ected : 1 Room, Eq Affected	00% uipment Out Of Us		,	
	Not in Serv Location Mechanic On Extended Location 20% Corroded,	vice, Extent : Second F cal And Or ed Life, Ext : Second F Now	t: Severe, Area Aff Sloor Mechanical F Electrical Defects tent: Severe, Area Sloor Mechanical F \$10,900 vere, Area Affecte	Tected : 1 Room, Eq Affected Room 2024	00% uipment Out Of Us		,	

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.

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

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

Asset #: 4196

Mechanical	Current Repair	Future R	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2034	* *	1		
Conversion Equipment						
Window/Wall Unit	20%	2021	\$23,800	1		
No Component	80%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$33,000	
Exhaust Fans						
Interior	70%	2021	\$44,700	2	\$1,300	
	Not in Service, Extent: Severe, Location: Second Floor Mec Mechanical And Or Electrica On Extended Life, Extent: Mod Location: Second Floor Mec	hanical Room, Equip al Defects derate, Area Affected	ment Out Of Us	se Due To	o Multiple	
Roof	30%	2026	\$13,800	2	\$500	
	Malfunctioning, Extent : Mode Location : Roof, Multiple Me					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2036	* *	1		
Water Heater						
Gas Fired	100% Recent Installation, Extent : Li Location : Boiler Room	2026 ght, Area Affected : 10	\$13,400	2	\$900	
Sanitary Piping						
Cast Iron	100% On Extended Life, Extent : Mod Location : Throughout	LIFE derate, Area Affected	**: 100%	1		
Storm Drain Piping						
Cast Iron	100% On Extended Life, Extent : Mod Location : Throughout	LIFE derate, Area Affected	* *	1		
Sump Pump(s)						
Rigid Piping	100%	2021	\$10,800	4	\$1,600	
	On Extended Life, Extent : Mod Location : Basement	derate, Area Affected	: 100%			
Backflow Preventer						
Generic	100%	2026	\$5,600	1	\$3,600	
Fixtures			· · · · · · · · · · · · · · · · · · ·			
Generic	100%					
Fire Suppression Standpipe						
Generic	100%	2036	* *	1-5	\$30,900	

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BROOKLYN 12 GARAGE Q.A.U. OFFICE

Address : 56-02 19 AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOS0053,020 / 4461 Yr Built/Renovated :

Area Sq Ft : 10,000 Project Type : SANITATION

Date of Survey : 13-May-2015 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 5494 Lot : 89 BIN : 3328495

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$66,700	
Interior Architecture	\$78,000	
Electrical	\$2,500	\$84,300
Total	\$147,200	\$84,300
Importance Code A	\$66,700	
Importance Code B	\$80,500	\$84,300
Total	\$147,200	\$84,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$13,000			
Interior Architecture	\$9,700	\$500		\$1,200
Electrical	\$9,300	\$200		\$400
Mechanical	\$1,800	\$800	\$1,600	\$2,200
Total	\$33,800	\$1,500	\$1,600	\$3,800
Importance Code A	\$13,400	\$400	\$400	\$500
Importance Code B	\$15,900	\$1,000	\$1,100	\$3,300
Importance Code C	\$4,400			
Total	\$33,800	\$1,500	\$1.600	\$3,800



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

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

DEPARTMENT OF SANITATION - 827 BROOKLYN 12 GARAGE Q.A.U. OFFICE

Asset #: 4461

rchitecture		Current l	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls Stucco Cement		Now Crumbling, : Through	\$66,700 Extent : Light, Are	2031 a Affecto	* * ed : 15%	5	\$14,700	
Windows	Bocuiton	. Through	oui					
Aluminum		Now ssing Elen : Through	\$13,000 nents, Extent : Light out	2034 , Area A	* * ffected : 30%	5	\$800	
Roof								
Single Ply Membrane	_	olace Evide : Through	ent, Extent : Light, 2 out	2034 Area Affa	* * ected : 100%	10	\$19,200	
erior								
Floors Vinyl Tile		Now ssing Elen : Through	\$78,000 nents, Extent : Seve out	2036 re, Area	* * Affected : 60%	3	\$3,500	
	_	Crumbling, : Through	Extent : Moderate out	, Area Aj	ffected : 60%			
Vinyl Tile	30%			2031	* *	3	\$1,500	
Interior Walls							•	
Gypsum Board	_	Now Crumbling, : Through	\$4,400 Extent : Moderate out	LIFE , Area Aj	* * ffected : 20%	5	\$3,300	
Ceilings								
AcousTileSusp.Lay-In	Location Water Pen	: Through	xtent : Moderate, A			5	\$6,700	

Electrical	Current Repair	Future Replacement	Maintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
nder 600 Volts				
Service Equipment				
Fused Disc Sw	100%	2036 **	5	
	Other Observation, Extent: Moderate, A	Area Affected : 100%		
	Location: Womens Locker Room			
	Explanation : One 200 Amps Main Di	sconnect Switch		
Raceway				
Conduit	100%	2036 **	1	
Panelboards				
Molded Case Bkrs	100%	2034 **	5 \$300	
Wiring				
Thermoplastic	100%	2036 **	1	

 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 BROOKLYN 12 GARAGE Q.A.U. OFFICE

Asset #: 4461

Electrical	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2024	\$28,800	5	\$100	
Ground						
Grounding Devices						
Generic	100% 0-2 \$9,3	00 LIFE	* *	5	\$100	
	Other Observation, Extent: Modera	ate, Area Affe	cted : 100%			
	Location: Basement					
	Explanation: Corroded					
Lighting						
Interior Lighting						
Fluorescent	95%	2026	\$47,400	10	\$7,800	
	Other Observation, Extent : Moder Location : Throughout	ate, Area Affe	cted : 100%			
	Explanation: T-8 Lamps					
Fluorescent	5%	2021	\$2,500	10	\$400	
	T-12 Lamps And Fixtures, Extent: Moderate, Area Affected: 100%					
	Location : Boiler Room					
Exterior Lighting						
HID	100%	2026	\$36,900	10		

Mechanical	Current R	epair	Future	Replacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Fuel Oil No 2	100%		2036	* *	5	\$2,800	
	Other Observation, Ex	tent : Light, Area A <u>f</u>	ffected	: 100%			
	Location: Basement	Vault					
	Explanation: 2 - 500) Gallon Tanks					
Conversion Equipment							
Hot Water Boiler	100%	,	2039	* *	1	\$4,400	
	Other Observation, Ex	tent : Light, Area A <u>f</u>	ffected	: 100%			
	Location: Basement						
	Explanation: 1 - Ho	t Water Boiler					
Distribution							
Hot Wtr Piping/Pump	100%	,	2034	* *	4	\$700	
Terminal Devices							
Convector/Radiator	100%		2031	* *	1	\$2,900	
Air Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		
Conversion Equipment							
Window/Wall Unit	100%		2024	\$18,000	1		
Ventilation							
Distribution							
Ductwork/Diffusers	100%]	LIFE	* *	2-5	\$5,000	

 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 BROOKLYN 12 GARAGE Q.A.U. OFFICE

Asset #: 4461

Mechanical	Current Repair	Future R	eplacement	Ma	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Exhaust Fans						
Roof	10% Now	\$700 2036	* *	2		
	Malfunctioning, Extent: Mod	derate, Area Affected : 0	67%			
	Location: Roof, 2 Of 3 Def	ective Exhaust Fans				
Roof	90%	2026	\$6,300	2	\$200	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2036	* *	1		
Water Heater						
Oil Fired	100%	2024	\$2,700	1	\$300	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
Generic	100%	2031	* *	1	\$600	
Fixtures						
Generic	100%					

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Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BROOKLYN 14 GARAGE WINTHROP ST.
Address : 356 WINTHROP STREET @ NEW YORK AVE

Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 20-May-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 4827 Lot : 24 BIN : 3332514

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$283,500	
Electrical	\$183,500	\$40,100
Total	\$467,100	\$40,100
Importance Code A	\$283,500	
Importance Code B	\$183,500	\$40,100
Total	\$467,100	\$40,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$24,600	\$5,200		
Interior Architecture	\$44,600	\$1,900		\$19,500
Electrical	\$200	\$300	\$600	\$38,700
Mechanical	\$3,000	\$9,100	\$5,600	\$6,200
Total	\$72,400	\$16,500	\$6,200	\$64,500
Importance Code A	\$25,800	\$6,400	\$1,200	\$1,300
Importance Code B	\$19,000	\$10,100	\$4,900	\$63,200
Importance Code C	\$27,600			
Total	\$72,400	\$16,500	\$6,200	\$64,500



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

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

DEPARTMENT OF SANITATION - 827 BROOKLYN 14 GARAGE WINTHROP ST.

Asset #: 4197

Architecture	Current	Repair	Future Replacement Maintenance		aintenance		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls					_		
Masonry: Brick	70%	Φ1 7 .500	LIFE	* *	5	\$23,100	
Masonry: Brick		Floor, Throughout			5	\$5,900	
	Jnt Mortar Miss/Ero Location : Second		e, Area A	Affected : 25%			
Masonry: Limestone	2% Now Int Mortar Miss/Erc Location : Windov		LIFE e, Area A	* * Affected : 50%	5	\$500	
Metal Sect. OHD	10%		2039	* *	5	\$10,300	
Windows	1.50		20.12		_	A= 0.0	
Aluminum	15% 85% Now	\$192,300	2042 2051	* *	5 5	\$700	
Steel	Air Infiltration, External Location: Throug Corrosion/Rusting, Location: Throug	ent : Moderate, Area hout Extent : Moderate, A	Affected		3	\$23,600	
	Deteriorated Finish Location : Throug Glazing Broken/Cra Location : Throug	hout icked, Extent : Mode					
Parapets							
Masonry: Brick	95% Now Diagonal Cracks, E Location: North F Jnt Mortar Miss/Erc Location: Throug Misaligned/Bulging Location: North F Spalling, Extent: M Location: Interior	Facade od, Extent : Light, A hout , Extent : Moderate, Facade oderate, Area Affect	rea Affec Area Aff ed : 10%	ted : 50% ected : 10%	5	\$3,300	
Masonry: Limestone	5%		LIFE	* *	5	\$200	
Roof Modified Bitumen	100%		2031	* *	10	\$53,700	
terior Floors							
Ceramic Tile	5%		2029	* *	5	\$1,900	
Traffic Topping	80%		2029	* *	5 5	\$1,900	
Vinyl Tile	80% 15% Now Cracking/Crumbling	\$14,000	2031	* *	3	\$2,100	

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

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

DEPARTMENT OF SANITATION - 827 BROOKLYN 14 GARAGE WINTHROP ST.

Asset #: 4197

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	20%	Now	\$6,600	LIFE	* *	5	\$1,200	
	U	Crumbling, : Through	Extent : Moderate, out	, Area Aj	fected : 10%			
Gypsum Board	10%	Now	\$600	LIFE	* *	5	\$900	
	Cracking/0	Crumbling,	Extent : Moderate,	, Area Aj	ffected : 10%			
	Location	: Through	out	· ·	•			
Masonry: Brick	70%	Now	\$20,400	LIFE	* *			
•	Cracking/C	Crumbling,	Extent : Moderate,	, Area Aj	ffected : 10%			
	Location	: Through	out					
Ceilings								
AcousTileConcealSpLn	10%	Now	\$3,000	2031	* *	5	\$2,400	
-	Cracking/0	Crumbling,	Extent : Moderate,	Area A	ffected : 10%			
	Location	: Through	out					
AcousTileSusp.Lay-In	5%			2039	* *	5	\$1,900	
Exposed Concrete	65%			LIFE	* *	5	\$3,800	
Exposed Struc: Steel	15%			LIFE	* *			
Plaster	5%			LIFE	* *	5	\$1,200	

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Inder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2026	\$1,400	5	\$100	
	Other Observation, Extent:	Moderate, Area Affect	ed : 100%			
	Location : Electrical Room	n				
	Explanation: One 1200a	Main Disconnect Switc	h			
Switchgear / Switchboard						
Fused Disc Sw	100%	2026	\$23,900	5	\$100	
Raceway						
Conduit	95%	2026	\$3,500	1		
Conduit	5%	2046	* *	1		
Panelboards						
Fused Disc Sw	5%	2025	\$700	5		
Molded Case Bkrs	90%	2025	\$13,100	5	\$700	
Molded Case Bkrs	5%	2042	* *	5		
Wiring						
Thermoplastic	95%	2026	\$7,600	1		
Thermoplastic	5%	2046	* *	1		
Motor Controllers						
Locally Mounted	80%	2024	\$16,900	5	\$200	
Locally Mounted	20%	2039	* *	5		
round						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$400	

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

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

DEPARTMENT OF SANITATION - 827 BROOKLYN 14 GARAGE WINTHROP ST.

Asset #: 4197

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	10%	2026	\$5,400	10	\$2,300	
	Other Observation, Extent : M		cted : 100%			
	Location : First Floor Locke	r Room				
	Explanation: Using T-8 Lan	nps				
Fluorescent	30%	2021	\$16,100	10	\$6,900	
	Other Observation, Extent : M	loderate, Area Affe	cted : 100%			
	Location : Throughout The E	Building				
	Explanation: Using T-12 La	mps				
HID	40%	2021	\$80,200	10	\$300	
HID	20%	2026	\$40,100	10	\$200	
Egress Lighting						
Emergency, Battery	20%	2031	* *	10	\$1,200	
Emergency, Battery	30%	2021	\$9,900	10	\$1,800	
Exit, Service	20%	2031	* *	1		
Exit, Service	30%	2021	\$2,000	1		
Exterior Lighting						
HID	100%	2021	\$103,300	10	\$100	
Alarm						
Security System						
No Component	80%					
Generic	20%	2026	\$16,600	1	\$2,100	
	Other Observation, Extent : M	Ioderate, Area Affe	cted : 100%			
	Location : Hallways					
	Explanation: Motion Sensor	rs Only				

Mechanical	Current Re	pair F	uture	Replacement	Ma	aintenance	
System Component Type	% of Fail Date I Total (Years)		ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%	20	046	* *	1		
Conversion Equipment					•		
Hot Water Boiler	100%	20	043	* *	1	\$12,400	
	Other Observation, Ext	ent : Light, Area Affe	ected .	: 100%			
	Location : Boiler Roo	om .					
	Explanation: 2 Units						
Distribution							
Hot Wtr Piping/Pump	100%	20	048	* *	4	\$1,200	
Terminal Devices							
Air Handler	50%	20	034	* *	1	\$7,800	
Convector/Radiator	30%	20	039	* *	1	\$2,400	
Fan Coil Unit/Heat	20%	20	034	* *	1	\$1,600	
Air Conditioning							
Energy Source							
Electricity	100%	20	034	* *	1		

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

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

DEPARTMENT OF SANITATION - 827 BROOKLYN 14 GARAGE WINTHROP ST.

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	10%			2024	\$5,000	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$14,000	
Exhaust Fans								
Interior	30%			2034	* *	2	\$200	
Roof	70%			2034	* *	2	\$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2019	\$5,700	2	\$400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	\$12,700	

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BROOKLYN 16 GARAGE

Address : 922 GEORGIA AVE. BTWN: WORTMAN AVE. - COZINE AVE.
Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 06-Nov-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 4388 Lot : 28 BIN : 3256631

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,259,600	\$82,000
Interior Architecture	\$733,200	\$109,300
Electrical	\$62,600	\$356,000
Mechanical		\$331,600
Total	\$2,055,400	\$878,900
Importance Code A	\$1,259,600	\$82,000
Importance Code B	\$673,000	\$796,900
Importance Code C	\$122,800	
Total	\$2,055,400	\$878,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$9,600			
Interior Architecture	\$33,700			\$4,400
Electrical	\$40,400	\$300	\$400	\$200
Mechanical	\$23,100	\$26,200	\$7,900	\$24,700
Total	\$106,700	\$26,500	\$8,300	\$29,300
Importance Code A	\$13,300	\$3,700	\$3,700	\$3,800
Importance Code B	\$80,600	\$22,800	\$4,600	\$25,500
Importance Code C	\$12,800			
Total	\$106.700	\$26,500	\$8.300	\$29,300



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

Architecture	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type		Date Estimated Cosears)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior								
Exterior Walls								
Masonry: Brick	Horizontal Cra Location : So	ow \$342,100 acks, Extent : Moderate outh Facade ss/Erod, Extent : Moder	, Area Affe		5	\$38,700	1	
	Location : All							
	Location : At	Window Openings						
	Location: At	ary Supt, Extent : Mode t Window Openings						
	Spalling, Exten Location: Th	nt : Moderate, Area Affe nroughout						
		s, Extent : Severe, Area himney, South West Co						
Metal Coiling Doors		ow \$114,400 Elements, Extent : Mode aroughout		* * Affected : 30%	5	\$8,100		
	Corrosion/Rust Location : Th	ting, Extent : Moderate aroughout	, Area Affe	cted : 20%				
		le, Extent : Severe, Arec ay 2 East Facade	ı Affected :	5%				
Pre-Cast Concrete	5% No Broken/Missing Location : Wi	g Elements, Extent : Se		* * Affected : 30%	5	\$8,400	1	
		ting, Extent : Moderate indow Sills Throughout		cted : 50%				
	Jnt Mortar Mis Location : Th	ss/Erod, Extent : Severe noroughout	, Area Affe	ected : 25%				
	Staining/Discontaction: Wi	loring, Extent : Moderd indow Sills	ite, Area Ą	ffected : 60%				
Wood Overhead Doors	10% No Broken/Missing Location : Th	g Elements, Extent : Se		* * Affected : 100%	5	\$12,900		
	Not Insulated, I Location : Ali	Extent : Moderate, Are ll Doors	a Affected	: 100%				
	Split/Cracked, Location: Ali	Extent : Severe, Area A ll Doors	ffected : 2.	5%				
		le, Extent : Severe, Arec	Affected :	10%				

Asset #: 4198

chitecture	Current Repair	Future Replacement	M		
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
erior					
Windows	400-1		_	* * * * * * * * * * * * * * * * * * * *	
Steel	100% Now \$353,600	2051 **	5	\$43,300	
	Air Infiltration, Extent : Moderate, Are Location : Throughout	a Affectea : 100%			
	Bent/Warped Elements, Extent : Moder	rate Area Affected : 25%			
	Location: Throughout	are, rivea rijjecica . 2570			
	Broken/Missing Elements, Extent : Mod Location : Transom Windows				
	Corrosion/Rusting, Extent: Moderate, Location: Throughout				
	Water Penetration, Extent: Severe, Arc	ea Affected : 25%			
	Location: 2nd Floor Locker Rooms				
Parapets					
Masonry: Brick	90% Now \$111,200 Cracking/Crumbling, Extent : Moderat Location : Inside Face - Throughout	LIFE ** e, Area Affected : 25%	5	\$4,900	
	Efflorescence, Extent : Severe, Area Af Location : Throughout	fected : 25%			
	Jnt Mortar Miss/Erod, Extent : Modera Location : At Pre Cast Concrete Cop	==			
	Misaligned/Bulging, Extent : Moderate Location : South - East Facade - Rote	==			
	Spalling, Extent : Moderate, Area Affec	· ·			
	Location : Inside Face - Throughout				
Pre-Cast Concrete	10% Now \$9,600 Int Mortar Miss/Erod, Extent: Modera	LIFE ** ate, Area Affected : 90%	5	\$3,400	
	Location: Throughout	Affactad , 100/			
	Worn/Eroded, Extent : Moderate, Area Location : Coping	Affected . 40%			
Roof	_oomon.copmg				
Modified Bitumen	100% Now \$95,600 Blisters, Extent : Moderate, Area Affec Location : Throughout	2031 ** ted : 20%			1
	Drains Inad/Misposn, Extent : Severe, Location : At Areas Of Ponding	Area Affected : 30%			
	Ponding, Extent : Severe, Area Affected	d : 30%			
	Location: Builtup Rood At South Eas	t/west Corners And Throug	hout		

Interior

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

Architecture		Current l	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior Floors								
Cast in Place Concrete	_		\$101,500 Extent : Moderate out	LIFE , Area Aj	* * ffected : 25%	5	\$109,300	
			ent : Severe, Area A Bay - Built Up Res			·k		
Mosaic Tile	5%			2031	* *	5	\$7,300	
Vinyl Tile	10%	Now	\$48,800	2036	* *	3	\$2,200	
	Location Worn/Ero	ı : Electrica ded, Extent	nents, Extent : Seve al Room, Lunch Roo a : Moderate, Area al Room, Lunch Roo	om, 2nd Affected	Floor, Offices : 50%			
Interior Walls								
Ceramic Tile	_		\$1,600 Extent : Light, Are out	2029 ea Affecto	* * ed : 10%	5	\$600	
Concrete Masonry Unit		netration, E	\$6,500 Extent : Moderate, A ast Stair Well	LIFE rea Affe	* * cted : 5%	5	\$2,400	
Masonry: Brick	Location	Crumbling, 1: Through	\$122,800 Extent: Moderate out : Moderate, Area					
		ı : Through		-557				
Plaster	Location Water Pen	ling, Extent 1 : Locker F 1etration, E	\$4,700 : Moderate, Area Rooms Extent : Severe, Area Floor Locker Room	ı Affecte		5	\$1,800	

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

DEPARTMENT OF SANITATION - 827 BROOKLYN 16 GARAGE

Asset #: 4198

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	Now	\$7,000	2031	* *	5	\$5,500	
•	O	Crumbling, : Through	Extent : Light, Are out	ea Affecto	ed : 20%			
AcousTileSusp.Lay-In	10%	Now	\$13,900	2031	* *	5	\$2,900	
	Location Water Pend	: Electrica	nents, Extent : Mode al Room And Office Extent : Severe, Area al Room	!				
Exposed Concrete	40%	0-2	\$36,900	LIFE	* *	5	\$3,700	
•	U	Crumbling, : Through	Extent : Light, Are out	ea Affecto	ed : 10%			
Exposed Struc: Steel	30%	Now	\$362,700	LIFE	* *			
•		_	: Severe, Area Affe out Garage	ected : 30	0%			
Exposed Struc: Steel		0.	\$60,500 Extent : Moderate, A Floor Locker Room	00	* * cted : 10%			

lectrical		Current Rep	oair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of 1 Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$1,400	5	\$200	
			nt : Moderate, A	Area Affe	ected : 100%			
	Location .	: Electrical R	2.00m					
	Explanati	on : 2- Main	Service Switche	s Rated	@ 1200 Amperes A	nd 800 A	Amperes	
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	\$23,900	5	\$200	
Raceway								
Conduit	90%			2026	\$3,300	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	\$1,500	5	\$100	
Fused Disc Sw	5%			2034	* *	5	\$100	
Molded Case Bkrs	65%			2025	\$9,500	5	\$800	
Molded Case Bkrs	20%			2034	* *	5	\$200	
Wiring								
Thermoplastic	90%			2026	\$7,200	1		
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	\$28,100	5	\$200	
Locally Mounted	20%	0-2	\$7,000	2046	* *	5		
	Enclosure (Corroded, Ex	tent : Severe, Ai	ea Affec	ted : 100%			
	Location .	: Garage						

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

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

Electrical		Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$600	
Lighting								
Interior Lighting	500			2026	4.2 000	4.0	#10.000	
Fluorescent	50%		16 1	2026	\$42,000	10	\$18,000	
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Offices And Locker Rooms							
Ш		on : T-8 Lai	nps	2026	#156700	10	Φ.CO.O.	
HID	50%			2026	\$156,700	10	\$600	
Egress Lighting	000/			2026	¢0.200	1		
Exit, Service	90%	Now	¢1 000	2026 2036	\$9,300	1 1		
Exit, Service	10%		\$1,000 at : Moderate, Are			1		
	Location		a . Moaeraie, Are	и Ајјеси	ea . 100%			
Entanian Lighting	Locuiton	. Garage						
Exterior Lighting HID	80%			2026	\$129,200	10	\$100	
HID	20%	Now	\$32,300	2036	**	10	Ψ100	
IIID			: Moderate, Area		d : 100%			
	Location				. 100/0			
Lightning Protection								
Arresters/Cabling								
Generic	100%	Now	\$62,600	2066	* *	5	\$400	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location	: Outside		_				
	Explanati	on : Discon	nected					

Mechanical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil	90%	2036	* *	5	\$11,000	
	Buried Tank(s), Extent : Light, Arc	55				
	Location : One Tank - 10,000 G					
	Other Observation, Extent : Light,	Area Affected : 100	0%			
	Location: Boiler Room					
	Explanation : B-5 Fuel					
Natural Gas	10%	2036	* *	1		

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

Asset #: 4198

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Conversion Equipment						
Furnace	10%	2031	**	1	\$1,900	
	Other Observation, Extent : Light, A	rea Affected :	10%			
	Location : Garage	r ,				
G. D. II	Explanation : 2 Gas Fire Modine H		ate ate		Φ27.000	
Steam Boiler	90% Other Observation, Extent: Moderat Location: Boiler Room Explanation: One Unit	2039 e, Area Affec	* * ted : 90%	1	\$35,000	
Distribution						
Steam Piping/Pump	90%	2026	\$241,000	4	\$2,600	
No Component	10%					
Terminal Devices						
Convector/Radiator	25%	2024	\$90,600	1	\$3,200	
Unit Heater-Stm/HW	65%	2031	* *	4	\$3,500	
	Other Observation, Extent: Light, An	rea Affected :	1%			
	Location: Garage Ceiling	nd A Condon	and Fan Cail Un	ita Maad	To Do Domonod	
N. C	Explanation: 4 Condemned Ahus A	ina 4 Conaen	nnea Fan Coii On	iis Neea	10 ве кето чеа	
No Component	10%					
Air Conditioning						
Energy Source	100%	2034	* *	1		
Electricity	100%	2034		1		
Conversion Equipment Window/Wall Unit	20%	2019	\$15,800	1		
No Component	80%	2019	\$13,000	1		
Ventilation	8070					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$21,900	
Ductwork/Diffusers	Other Observation, Extent : Light, Ar		100%	23	Ψ21,700	
	Location : Garage		,			
	Explanation : Not Used For Long T	ime				
Exhaust Fans	7					
Interior	20%	2021	\$8,500	2	\$200	
Roof	20%	2026	\$6,100	2	\$200	
No Component	60%					
Plumbing						
H/C Water Piping						
Brass/Copper	70%	2036	* *	1		
Galv Iron/Steel	30%	2024	\$34,400	1		
Water Heater						
Electric	50%	2024	\$3,000	4	\$100	
Gas Fired	50%	2019	\$4,500	2	\$300	

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

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

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Plumbing									
Sanitary Piping									
Cast Iron	100% Now	\$16,700	LIFE	* *	1				
	Blockage /Clogged,	Extent : Severe, Are	a Affecte	ed : 50%					
	Location : Underg	round Of Garage F	oor						
	Repairs In Progress	, Extent : Light, Are	a Affecte	d : 5%					
	Location: West O	utside Of The Buildi	ng						
Storm Drain Piping									
Cast Iron	100%		LIFE	* *	1				
Fixtures									
Generic	100%								
	Leaking Connections, Extent: Moderate, Area Affected: 5%								
	Location: Toilets,	2nd Floor Locker F	coom						
Fire Suppression									
Standpipe									
Generic	100%		2036	* *	1-5	\$20,500			

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BROOKLYN 17/18 SANITATION GARAGE
Address : 105-01 FOSTER AVE. / AVE. D & FOSTER AVE.

Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 22-Oct-2015 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 5426 Lot : 1 BIN : 3378181

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$3,894,200	\$223,200
Interior Architecture	\$2,211,600	\$520,300
Electrical	\$328,000	\$776,400
Mechanical	\$541,900	\$149,200
Total	\$6,975,700	\$1,669,200
Importance Code A	\$3,965,700	\$253,900
Importance Code B	\$2,769,100	\$1,326,500
Importance Code C	\$240,900	\$88,800
Total	\$6,975,700	\$1,669,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$36,700			
Interior Architecture	\$27,800			\$6,400
Electrical	\$39,200	\$2,400	\$4,500	\$3,100
Mechanical	\$45,900	\$21,900	\$35,200	\$23,500
Total	\$149,500	\$24,300	\$39,800	\$33,000
Importance Code A	\$49,500	\$8,500	\$8,500	\$8,500
Importance Code B	\$72,200	\$15,800	\$31,300	\$24,500
Importance Code C	\$27,800			
Total	\$149.500	\$24.300	\$39,800	\$33,000



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

ahitaatuwa										
chitecture		Current l	Repair	Futui	e Replacement	IV	aintenance			
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori		
erior										
Exterior Walls										
Masonry: Brick Cavity	50%		\$854,700	LIFE	**	5	\$58,400			
		_	nents, Extent : Seve			D 0				
			Locations, West Fo			Door O	penings			
	_	_	Extent : Moderate	, Area A	ffected: 15%					
		Location: Throughout								
	Diagonal Cracks, Extent : Moderate, Area Affected : 15% Location : Corners At 2nd Story Towers									
			•		Affactad . 250/					
	Jnt Mortar Miss/Erod, Extent: Moderate, Area Affected: 25%									
	Location : 2nd Story Walls Flanking Garages Misaligned/Bulging, Extent : Moderate, Area Affected : 15%									
	Location: Various Locations, West Facade, Above And Flanking Of Door Openings									
	Rusting Masonry Supt, Extent: Moderate, Area Affected: 30%									
	_		verhead Doors	, 11,	ingecica . 5070					
			ed, Extent : Severe,	Area Afi	fected : 15%					
	_		At 2nd Story Towe							
			Extent : Severe, Ared		d : 20%					
			nd Story Towers M			th Sides				
Metal Coiling Doors	50%	Now	\$323,400	2032	* *	5	\$91,200			
mem coming 2 core			ients, Extent : Ligh		ffected : 20%	Č	Ψ>1,200			
		_	l West Facades							
	Corrosion	/Rusting, E	Extent : Moderate, A	Area Affe	cted : 25%					
	Location	ı : East And	l West Facades							
Windows										
Aluminum	100%	Now	\$84,700	2043	* *	5	\$3,400			
	Bent/Warp	ped Elemen	ts, Extent : Modera	ite, Area	Affected: 30%					
	Location	ı : Through	out							
		issing Elen 1 : Through	nents, Extent : Mod out	erate, Ai	rea Affected : 20%					
	Glazing B	roken/Crac	ked, Extent : Mode	rate, Are	ea Affected : 20%					
		ı : Through								
	Hardware	Missing, E	Extent : Moderate, 1	Area Affe	ected : 35%					
	Location	ı : Through	out							

Asset #: 4136

		Asset #:4	130				
Architecture	Curren	t Repair	М				
System Component Type	% of Fail Dat Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior			•		•		•
Parapets							
Cast Stone/Terra Cotta	Location: Throug Crazing, Extent: Si Location: Above Misaligned/Bulging Location: North Spalling, Extent: S	\$590,400 ag, Extent : Severe, Aghout evere, Area Affected Garages And 2nd Fl ag, Extent : Severe, Ar East Corner - 2nd St evere, Area Affected arapet Walls Above of	: 30% oor Roof ea Affect ory Roof : 25%	is	5	\$73,700	1
Concrete Masonry Unit	Location : Interior Horizontal Cracks, Location : Below Jnt Mortar Miss/En	\$8,100 ag, Extent : Light, Ard ar Face Extent : Moderate, A Coping Stone - Thro and, Extent : Light, A ar Parapet Wall, Thro	Area Affe ughout rea Affec	cted : 25%	5	\$3,600	
Masonry: Brick Cavity	Location: At Cor Efflorescence, Exte Location: Throug Jnt Mortar Miss/Er Location: Throug Spalling, Extent: M Location: Exterio Vertical Cracks, Ex	od, Extent : Modera	oofs Affected . te, Area A ted : 25% oughout affected :	: 25% Affected : 20% 5	5	\$3,200	
Roof Built-Up (BUR)	Location: Over C Deflection Evident, Location: At Exh Expansion Int Fail Location: Over C Miss/Damaged Fla Location: 2nd St Split/Cracked, Exte Location: Over C Water Penetration, Location: Above Worn/Eroded, Exte	Extent: Severe, Are aust Hood Penetration ure, Extent: Severe, Garage Floor shings, Extent: Mode ory Roofs ent: Severe, Area Aff Garage Floor Extent: Severe, Are Conduit Box At Garan nt: Moderate, Area	a Affecteon, Garag Area Affe erate, Ar ected : 20 a Affecteo age 17, G	ge 18 ected : 25% ea Affected : 30% 0% d : 20% Garage Ceilings Th	roughou	t.	1
	Location : Over C	sarage Floor	2040	ala ele	1		
Skylight, Plastic	5%		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.

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

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

Asset #: 4136

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	•			•				•
Floors								
Cast in Place Concrete	77%	Now	\$601,100	LIFE	* *	5	\$431,500	
	Cracking/	Crumbling,	Extent: Moderate	, Area A	ffected : 20%			
		n : Garage .						
	Water Per	Water Penetration, Extent : Severe, Area Affected : 20%						
		_	From Oil Seperate			y		
			Extent : Severe, Are					
			rages - Receive Ba	_	rom Oil Seperator.			
	Explana	ttion : Floor	Drains Dysfunction	onal				
Ceramic Tile	3%	1		2036	* *	5	\$7,700	
Quarry Tile	12%			2032	* *	5	\$46,100	
Vinyl Tile	8%	Now	\$170,200	2037	* *	3	\$7,700	
	Worn/Ero	ded, Extent	: Severe, Area Aff	ected : 10	00%			
	Location	n : Through	out First Floor Off	ices				
Interior Walls								
Concrete Masonry Unit	80%		\$240,900	LIFE	* *	5	\$88,800	
			xtent : Moderate, A					
	Location	n : Office W	alls Facing Garag	es. Wate	r From Roof Above	2		
SGFT/Glazed Masonry	20%	ı		LIFE	* *	10	\$27,800	
Ceilings								
AcousTileSusp.Lay-In	15%	Now	\$303,600	2047	* *	5	\$19,200	
	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 20%			
	Location	n : Office, L	ocker Room And C	Corridors				
Exposed Struc: Steel	85%	Now	\$895,800	LIFE	* *			
•	Broken/M	issing Elem	ents, Extent : Seve	re, Area	Affected : 10%			
	Location	n : Through	out Garages					
	Corrosion	ı/Rusting, E	xtent : Moderate, A	Area Affe	cted : 20%			
	Location	n : Through	out Garages					
	Paint Pee	ling, Extent	: Moderate, Area	Affected	: 30%			
	Location	n : Through	out Garages					
	Water Per	netration, E	xtent : Severe, Are	a Affecte	d: 20%			
	Location	n : At Cond	uit Box (Garage 17) And Th	roughout			

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2037	* *	5	\$700	
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location : Electrical Room/ Garage 1	7				
	Explanation: 2- Main Service Discon	nect Swit	ches Rated @ 200) Amper	es Each.	
Switchgear / Switchboard						
Fused Disc Sw	100%	2037	* *	5	\$700	

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

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

Asset #: 4136

Electrical	Current Ro	epair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Raceway							
Conduit	80%		2037	* *	1		
Conduit	20%		2027	\$4,400	1		
Panelboards							
Fused Disc Sw	5%		2035	* *	5	\$200	
Molded Case Bkrs	85%		2035	* *	5	\$3,800	
Molded Case Bkrs	10%		2026	\$5,800	5	\$500	
Wiring							
Thermoplastic	90%		2037	* *	1		
Thermoplastic	10%		2027	\$4,800	1		
Motor Controllers							
Locally Mounted	20%		2025	\$28,100	5	\$200	
Motor Control Center	80%		2032	* *	5	\$3,700	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$5,000	
	Other Observation, Ex Location : Garage 17 Explanation : Water	7	Area Affe	cted : 100%			
Lighting							
Interior Lighting Fluorescent	30% T-8 Lamps And Fixture Location : Offices	es, Extent : Moder	2027 rate, Ared	\$109,800 a Affected : 100%	10	\$47,100	
Eleganos	10%		2027	\$26,600	10	¢15 700	
Fluorescent	T-5 Lamps And Fixture Location : Repair Sh			\$36,600 a Affected : 100%	10	\$15,700	
HID	35%		2032	* *	10	\$1,900	
HID	5% Now	\$68,300	2037	* *			
	Not in Service, Extent Location: Throughout		ected : 1	00%			
HID	20%		2027	\$273,200	10	\$1,100	
Egress Lighting							
Emergency, Battery	40%		2027	\$90,200	10	\$16,500	
Emergency, Battery	10%		2022	\$22,500	10	\$4,100	
Exit, Service	35%		2027	\$15,800	1		
Exit, Service	15%		2022	\$6,800	1		
Exterior Lighting							
HID	15%		2027	\$94,700	10	\$100	
HID	5% Now	\$31,600	2037	* *			
	Not in Service, Extent Location : Throughout	: Severe, Area Aff		00%			
No Component	80%						
110 Component							

Alarm

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

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

Asset #: 4136

Electrical		Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	85%							
Generic	15%			2027	\$75,900	1	\$9,600	
	Other Obse	ervation, Ex	tent : Moderate, A	Area Affe	ected : 100%			
	Location	: Outside						
	Explanat	ion : Cctv Sı	ırveillance Came	ras				
Fire/Smoke Detection								
No Component	85%							
Generic, Analog	15%	Now	\$259,700	2037	* *	1-3	\$14,400	
_	Not in Serv	ice, Extent :	Severe, Area Aff	ected : 1	00%			
	Location	: Throughou	ıt					

Mechanical		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating								
Energy Source								
Natural Gas	85%			2047	* *	1		
Interruptible Gas/Dual Fuel	15%			2037	* *	1		
	Other Ob:	servation, I	Extent : Light, Area	Affected	: 15%			
	Location	n : Buried I	n The Street					
	Explana	tion : 1 850	00 Gallon Tank					
Conversion Equipment								
Furnace	15%			2027	\$30,600	1	\$12,700	
Furnace	35%	0-2	\$71,500	2037	* *	1	\$26,700	
Hot Water Boiler		ave Multipl	Ceiling, 24 Of 32 M e Mechanical And			13 Of 18 .	Make-up Air \$40,600	
1100 // 4001 201101			Extent : Light, Area		: 15%	-	φ.ο,σσσ	
		n : Boiler R	_	55				
	Explana	tion : 2 Du	al Fuel Hot Water	Boilers				
Hot Water Boiler	2%		\$7,500	2047	* *	1	\$1,500	
Tiot Water Boner			Ioderate, Area Affe		0%	•	Ψ1,200	
	_	n : Boiler R	oom, Defective Boi			ers, 1 Of 2	Defective	
Distribution								
Hot Wtr Piping/Pump	15%			2035	* *	4	\$1,900	
No Component	85%							
Terminal Devices								
Convector/Radiator	10%			2032	* *	1	\$5,500	
Convector/Radiator	5%		\$78,900	2047	* *	1	\$2,500	
		Ialfunctioning, Extent : Severe, Area Affected : 100%						
	Location	n : Through	out, Defective Clin	ate Con	trol System			

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.

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

Asset #: 4136

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source	1000/			20.42	* *	1		
Electricity	100%			2043	4. 4.	1		
Conversion Equipment Exterior Pkg Unit - Cooling	10%	Now	\$77,200	2037	* *	2	\$800	
Č	Broken, Ex	tent : Seve	ere, Area Affected :	15%				
	Units, Un	it Over Go gerant, Ex	17 Roof, Multiple M arage 18 As A Defe tent : Light, Area A	ctive Co	mpressor	al Defeci	es On 1 Of 2	
Window/Wall Unit	5%			2022	\$17,200	1		
No Component	85%				•			
Ventilation								
Distribution								
Ductwork/Diffusers	10%	0-2	\$144,300	LIFE	* *	2-5	\$9,500	
	Damaged, Location		evere, Area Affecte	d : 20%				
		ıning, Exte : Through	ent : Moderate, Are out	a Affecte	d : 100%			
Ductwork/Diffusers	90%			LIFE	* *	2-5	\$136,000	
Exhaust Fans								
Roof	-	-	\$66,400 nt : Moderate, Ared			2	\$2,100	
		: Roof, 30	Of 60 Exhaust Far		ultiple Mechanical		Electrical Defects	
Roof	50%			2027	\$66,400	2	\$2,600	
lumbing								
H/C Water Piping	100%			2047	* *	1		
Brass/Copper Water Heater	100%			2047		1		
Gas Fired	25%	0-2	\$9,700	2027	\$9,700	2	\$500	
GasTifed			: Severe, Area Affe			2	Ψ300	
			rages, 2 Of 4 Deter					
Gas Fired	75%			2020	\$29,200	2	\$1,900	
Sanitary Piping	7370			2020	\$27,200		Ψ1,700	
Cast Iron	10%	0-2	\$36,300	LIFE	* *	1		
Cust Hon			Extent : Moderate, 1		ected : 10%	1		
	Location	: Water Bo	ackup On Garage I V Rain Event			staff Com	plains Of Foul	
Cast Iron	90%	<u> </u>		LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fire Suppression								
Standpipe								
Generic	100%			2047	* *	1-5	\$86,300	
Sprinkler								
Generic	100%			2047	* *	1-2	\$47,900	

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

DEPARTMENT OF SANITATION - 827 BROOKLYN 17/18 SANITATION GARAGE

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression Chemical System							
No Component	50%						
Generic	50%		2022	\$12,800	1-3	\$27,500	

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BROOKLYN 7/10 GARAGE

Address : 5100 1ST AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOS0030.000 / 2790 Yr Built/Renovated : 1983 /

Area Sq Ft : 91,154 Project Type : SANITATION

Date of Survey : 20-May-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 803 Lot : 5 BIN : 3332515

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$793,500	\$176,300
Interior Architecture	\$358,400	\$380,600
Electrical	\$373,700	\$508,700
Mechanical	\$460,400	\$400,900
Total	\$1,986,000	\$1,466,500
Importance Code A	\$793,500	\$176,300
Importance Code B	\$1,192,500	\$1,290,200
Total	\$1,986,000	\$1,466,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$74,700	\$33,400		-
Interior Architecture	\$29,600	\$1,800		\$3,400
Electrical	\$2,600	\$3,400	\$4,600	\$14,400
Mechanical	\$58,200	\$9,100	\$16,400	\$70,900
Total	\$165,100	\$47,700	\$21,000	\$88,700
Importance Code A	\$78,700	\$37,400	\$4,000	\$4,200
Importance Code B	\$56,800	\$10,300	\$16,900	\$84,500
Importance Code C	\$29,600			
Total	\$165,100	\$47,700	\$21,000	\$88,700



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

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

Architecture	Current Re	pair	Future	Replacement	Maintenance			
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior								
Exterior Walls								
Masonry: Brick	45%		LIFE	* *	5	\$64,400		
Metal Panel	5% Now	\$10,100	2036	* *	5	\$13,400		
	Deformed/Dented, Exte Location : Throughou		rea Affect	ed : 20%				
Metal Coiling Doors	50% Now	\$793,500	2031	* *	5	\$111,900		
_	Deformed/Dented, Exte	ent : Moderate, A	rea Affect	ed : 15%				
	Location: Throughou	ıt						
	Unit Inoperable, Extent	: Moderate, Are	a Affectea	! : 20%				
	Location: Throughou	nt .						
Windows								
Aluminum	10% Now	\$31,500	2034	* *	5	\$1,000		
	Ctrwt/Balnc Not Funct,	Extent : Modera	ite, Area A	ffected : 20%				
	Location: Throughou							
	Glazing Broken/Cracke		rate. Area	Affected: 10%				
	Location : Throughou		,	33				
No Component	90%							
Parapets								
Masonry: Brick	60%		LIFE	* *	5	\$4,600		
Metal Rail	40%		2039	* *	5-10	\$54,900		
Roof								
Modified Bitumen	100% Now	\$33,100	2031	* *				
	Water Penetration, Ext	ent : Moderate, A	rea Affec	ted : 2%				
	Location: Throughou	nt .						
nterior								
Floors								
Cast in Place Concrete	70% Now	\$87,000	LIFE	* *	5	\$187,300		
	Cracking/Crumbling, E	xtent : Moderate	, Area Aff	ected : 20%				
	Location : Throughou							
Ceramic Tile	3%		2029	* *	5	\$3,700		
Steel Grating	5% Now	\$165,800	2046	* *	1	Ψ3,700		
Steel Grating	Broken/Missing Elemen			a Affected · 100%	_			
	Location: Throughou		craic, mrc	arijjecica i 100%	•			
Vinyl Tile			2021	* *	2	¢10 100		
Vinyl Tile	22% Now	\$67,000 nt : Moderate A	2031		3	\$10,100		
	Adhesion Failure, Exte							
	Location: Various Locations, Corridors, Cafeteria							
	Broken/Missing Elements, Extent: Moderate, Area Affected: 30%							
	Location: Throughou		1.00	000/				
	Worn/Eroded, Extent:							
	Location : Throughou	ıt, Corridors, Ca	teteria, Lo	ckers				

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

Asset #: 2790

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	3%		\$8,000	2029	* *	5	\$700	
		issing Elem 1 : Through	ents, Extent : Mod out	erate, Ar	ea Affected : 30%			
Concrete Masonry Unit	40%	Now	\$21,600	LIFE	* *	5	\$8,000	
•	Vertical C	racks, Exte	nt : Moderate, Are	a Affecte	d : 5%			
	Location	ı : Through	out Garage Area					
SGFT/Glazed Masonry	57%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%	Now	\$38,700	2024	\$193,300	5	\$12,200	
	Broken/M	issing Elen	ents, Extent : Mod	erate, Ar	rea Affected : 20%			
	Location	ı : Through	out					
	Staining/L	Discoloring,	Extent: Moderate	, Area Ą	ffected : 95%			
	Location	ı : Through	out					
	Water Per	netration, E	xtent : Moderate, A	Area Affe	cted : 70%			
	Location	ı : Through	out					
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 70%			
	Location	ı : Through	out					
Exposed Struc: Steel	80%			LIFE	* *			
_	Corrosion	/Rusting, E	xtent : Light, Area	Affected	: 10%			
	Location	ı : Through	out					
	Water Per	netration, E	xtent : Light, Area	Affected	: 5%			
	Location	ı : Through	out					

lectrical	Current Repai	r Futu	re Replacement	Ma	aintenance				
stem Component Type	% of Fail Date Estin	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
der 600 Volts									
Service Equipment									
Fused Disc Sw	100%	2026	\$2,500	5	\$400				
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: Electrical Roo	m							
	Explanation: Two 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard									
Fused Disc Sw	100%	2026	\$47,700	5	\$400				
Raceway									
Conduit	100%	2026	\$9,100	1					
Panelboards									
Fused Disc Sw	5%	2025	\$1,500	5	\$100				
Molded Case Bkrs	95%	2025	\$27,700	5	\$2,300				
Wiring									
Thermoplastic	100%	2026	\$19,900	1					
Motor Controllers									
Locally Mounted	40%	2024	\$28,100	5	\$200				
Motor Control Center	60%	2024	\$9,700	5	\$1,500				

Ground

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

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

Asset #: 2790

Electrical	Current Repair	Futur	e Replacement	M				
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$1,300			
Lighting								
Interior Lighting								
Fluorescent	50%	2031	* *	10	\$37,500			
Other Observation, Extent: Moderate, Area Affected: 100%								
	Location: Offices, Locker Room, Hallway And Bath Room							
	Explanation: Using T-8 Lam	ps						
HID	50%	2031	* *	10	\$1,300			
Egress Lighting								
Emergency, Battery	50%	2031	* *	10	\$9,900			
Exit, Service	50%	2026	\$10,800	1				
Exterior Lighting								
HID	100%	2021	\$336,200	10	\$300			
Alarm								
Fire/Smoke Detection								
No Component	50%							
Generic, Analog	50%	2026	\$461,000	1-3	\$28,100			
	Not in Service, Extent : Modera	ite, Area Affected	: 100%					
	Location: Throughout							

Mechanical		Current Repair		Futur	e Replacement	M	aintenance			
System Component Type	% of Total	Fail Date Estim (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating										
Energy Source										
Fuel Oil No 2	100%			2036	* *	5	\$25,300			
Conversion Equipment										
Hot Water Boiler	100%			2039	* *	1	\$40,400			
Other Observation, Extent : Light, Area Affected : 100%										
	Location	: Boiler Room								
	Explanat	ion: 2 Units								
Distribution										
Hot Wtr Piping/Pump	100%			2025	\$400,900	4	\$4,000			
Terminal Devices										
Air Handler	10%			2031	* *	1	\$5,100			
Convector/Radiator	20%			2031	* *	1	\$5,300			
Unit Heater-Stm/HW	70%	Now	\$36,100	2021	\$360,800	4	\$5,200			
	Not in Serv	ice, Extent : Seve	ere, Area Aff	ected : 2	0%					
	Location									
Air Conditioning										
Energy Source										
Electricity	100%			2034	* *	1				

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

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

Asset #: 2790

Mechanical	Current Repair			Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning Conversion Equipment Exterior Pkg Unit - Cooling	50%			2031	* *	2	\$2,500		
Ü	Location	: Roof	Extent : Light, Area	Affected	: 50%				
XX/: 1 /XX/ .11 X / /		tion : 10 U	nits	2021	¢1.c. 400	1			
Window/Wall Unit	10% 40%			2021	\$16,400	1			
No Component Ventilation Distribution	40%								
Ductwork/Diffusers	Location	Extent : M n : Garage	\$34,400 Ioderate, Area Affe			2-5	\$45,600		
		eriorating, 1 : Office C	Extent : Moderate, eiling	Area Afj	fected : 2%				
Exhaust Fans Roof	100% Not in Ser Location	vice, Exten	\$6,300 t : Severe, Area Aff	2021 fected : 3	\$63,500 0%	2	\$2,000		
Plumbing									
H/C Water Piping Brass/Copper	100%			2036	* *	1			
Water Heater Gas Fired	100%			2021	\$18,600	2	\$1,200		
Sanitary Piping Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping Cast Iron	_		\$5,600 Extent : Severe, Are	LIFE ea Affecte	* * ed : 10%	1			
Sump Pump(s) Rigid Piping	_	erable, Exte a : Basemen	ent : Severe, Area A	2026 Affected :	\$10,800 30%	4	\$2,500		
Backflow Preventer Generic	100%			2026	\$7,700	1	\$5,000		
Fixtures Generic	100%								
Fire Suppression Standpipe							4		
Generic	100%			2036	* *	1-5	\$42,700		
Sprinkler No Component	20%			2026	داد دائ	1.2	#10.20 2		
Generic	80%			2036	* *	1-2	\$18,300		

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BROOKLYN 8 SANITATION GARAGE

Address : 1760 ATLANTIC AVENUE BTWN SCHENECTADY - UTICA AVES

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DOS0035.000 / 121 Yr Built/Renovated : 1982 /

Area Sq Ft : 36,154 Project Type : SANITATION

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

Areas Surveyed : Roof, Floors 1,2

Block : 1336 Lot : 18 BIN : 3330693

CAPITAL	FY 2018 - 2021	FY 2022 - 2027		
Exterior Architecture	\$512,000	\$44,400		
Interior Architecture	\$439,600	\$69,000		
Electrical	\$133,300			
Mechanical	\$41,800	\$563,300		
Total	\$1,126,700	\$676,600		
Importance Code A	\$512,000	\$44,400		
Importance Code B	\$614,700	\$632,300		
Total	\$1,126,700	\$676,600		

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$40,400			
Interior Architecture	\$56,500			\$1,800
Electrical	\$600	\$900	\$800	\$600
Mechanical	\$39,200	\$9,400	\$7,000	\$3,700
Total	\$136,600	\$10,300	\$7,800	\$6,100
Importance Code A	\$61,000	\$1,700	\$1,600	\$1,600
Importance Code B	\$33,000	\$8,600	\$6,200	\$4,500
Importance Code C	\$42,700			
Total	\$136,600	\$10,300	\$7,800	\$6,100



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

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

Asset #: 121

rchitecture	Current Repair	Futur	e Replacement	Maintenance			
ystem Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior							
Exterior Walls Concrete Masonry Unit	50% Now \$ Water Penetration, Extent: 1 Location: East Facade At		* * cted : 5%	5	\$17,700		
Metal Coiling Doors	50% Now \$ Bent/Warped Elements, Exte Location: Throughout	6157,400 2029 nt : Light, Area Affe	* * cted : 10%	5	\$44,400		
Windows							
Aluminum	100% Now Broken/Missing Elements, E. Location: 2nd Floor Lunci		* * ea Affected : 20%	5	\$3,800		
Parapets Concrete Masonry Unit	90% Now Jnt Mortar Miss/Erod, Exten Location: Throughout	\$6,900 LIFE t: Moderate, Area A	* * Affected : 15%	5	\$3,100		
	Miss/Damaged Copings, Ext Location: West Facade Water Penetration, Extent: I Location: West Facade						
Metal Panel	10% 2-4 Broken/Missing Elements, E. Location: Throughout	\$2,300 2044 xtent : Light, Area A	* * ffected : 10%	5	\$600		
Roof							
Built-Up (BUR)	97% Now \$ Blisters, Extent: Moderate, I Location: 2nd Floor Roof	5120,300 2029 Area Affected : 60%	* *				
	Worn/Eroded, Extent: Mode Location: Throughout	erate, Area Affected	: 70%				
Skylight, Metal/Glass	3% Now \$ Broken/Missing Elements, E. Location: Throughout Water Penetration, Extent: I Location: Roof					1	
erior	<u> </u>						
Floors Cast in Place Concrete	65% Now Cracking/Crumbling, Extent Location: Throughout	\$64,100 LIFE : Light, Area Affects	* * ed : 10%	5	\$69,000		
Ceramic Tile	5% Now Broken/Missing Elements, E. Location: Shower Rooms	\$13,800 2033 xtent : Moderate, Ar	* * ea Affected : 30%	5	\$1,200		
Vinyl Tile	30% Now \$ Broken/Missing Elements, E. Location: Throughout Cor Rooms			3 ch Room	\$5,500 And Locker		

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

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

Asset #: 121

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	\$5,300	2033	* *	5	\$500	
		ssing Elem : Shower I	nents, Extent : Mod Rooms	erate, Ar	rea Affected : 20%			
Concrete Masonry Unit	65%	4+	\$27,800	LIFE	* *	5	\$5,100	
·	U	Crumbling, : Through	Extent : Light, Are out	a Affect	ed : 10%			
Gypsum Board	30%	Now	\$9,600	LIFE	* *	5	\$3,500	
		r/Impact D : Offices	amage, Extent : M	oderate,	Area Affected : 25	%		
Ceilings								
AcousTileSusp.Lay-In	30%	Now	\$115,000	2044	* *	5	\$7,300	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 50% Location : 1st Floor, 2nd Floor Throughout							
	_	_	, Extent : Moderate 2nd Floors through	-	ffected : 60%			
Exposed Struc: Steel	70% Corrosion	4+ Rusting, E	\$139,700 Extent : Moderate, A	LIFE rea Affe	* * cted : 40%			

Electrical	Current	t Repair	Futur	e Replacement	t Maintenance					
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Under 600 Volts										
Service Equipment										
Fused Disc Sw	100%		2034	* *	5	\$200				
	Other Observation, Extent: Moderate, Area Affected: 100%									
	Location : Electri	cal Room								
	Explanation: One	e 800 Amps Main Dis	connect	Switch						
Switchgear / Switchboard										
Fused Disc Sw	100%		2034	* *	5	\$200				
Raceway										
Conduit	100%		2034	* *	1					
Panelboards										
Fused Disc Sw	5%		2032	* *	5					
Molded Case Bkrs	95%		2032	* *	5	\$900				
Wiring										
Thermoplastic	100%		2034	* *	1					
Motor Controllers										
Locally Mounted	100%		2029	* *	5	\$200				
Ground										
Grounding Devices										
Generic	100%		LIFE	* *	5	\$500				
Lighting										

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

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

Asset #: 121

Electrical	Cui	rent Repair	Futur	e Replacement	M	aintenance		
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Lighting								
Interior Lighting								
Fluorescent	30%		2032	* *	10	\$8,900		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Th	roughout The Building						
	Explanation:	Using T-8 Lamps						
Fluorescent	10%		2032	* *	10	\$3,000		
	T-5 Lamps And	Fixtures, Extent : Mode	rate, Are	a Affected : 100%				
	Location : Me	echanic Shop						
HID	60%		2032	* *	10	\$600		
Egress Lighting								
Emergency, Battery	50%		2032	* *	10	\$3,900		
Exit, Service	50%		2024	\$4,300	1			
Exterior Lighting								
HID	100% No	ow \$133,300	2034	* *				
	Malfunctioning, Extent : Severe, Area Affected : 100%							
	Location: Ex	terior Wall						
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%		2029	* *	1-3	\$6,700		

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	30%			2034	* *	5	\$3,000	
Natural Gas	70%			2034	* *	1		
Conversion Equipment								
Furnace	50%	0-2	\$19,300	2034	* *	1	\$7,200	
	Location	: Roof	xtent : Severe, Area solete Units	a Affecte	d : 50%			
Furnace	20%	Now	\$800	2024	\$7,700	1	\$2,900	
	Location Other Obs Location	: 2 Units, A ervation, E : Garage	t : Severe, Area Aff Atlantic Avenue Sic Extent : Light, Area dine Heaters	le				
Hot Water Boiler	30% Other Obs Location		xtent : Light, Area oom	2037 Affected	**	1	\$4,800	
Distribution	·							
Hot Wtr Piping/Pump	30%			2032	* *	4	\$500	
No Component	70%							

Maintenance \$ are aggregated over a 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 #: 121

Mechanical		Current Repair			e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating									
Terminal Devices									
Convector/Radiator	20%			2022	\$59,800	1	\$2,100		
Unit Heater-Stm/HW	10%			2024	\$20,400	4	\$300		
No Component	70%								
Air Conditioning									
Energy Source	1000/			2022	de de				
Electricity	100%			2032	* *	1			
Conversion Equipment Ext Pkg Unit - Heating/Cooling	20%	0-2	\$41,800	2034	* *	2	\$300		
Ticating/Cooling	Not in Ser Location		t : Severe, Area Aff	ected : 1	0%				
		Equipment,	Extent : Severe, Ar	ea Affec	ted : 20%				
		igerant, Ex	tent : Light, Area A	ffected :	20%				
Ext Pkg Unit - Heating/Cooling	10%			2024	\$20,900	2	\$200		
No Component	70%								
entilation Tentilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$18,100		
Exhaust Fans									
Roof	100%		\$5,000	2024	\$25,200	2	\$800		
	Not in Ser Location		t : Severe, Area Aff	ected : 1	00%				
Plumbing									
H/C Water Piping	0.004			2024	de de				
Brass/Copper	80%			2034	* *	1			
Galv Iron/Steel		Extent : So 1 : Water M	evere, Area Affecte ain Area	2029 d: 10%	* *	1			
Water Heater									
Gas Fired			\$7,400 nt : Severe, Area Ą oom	2024 ffected :	\$7,400 100%	2	\$400		
Sanitary Piping									
Cast Iron	_	/Clogged, I	\$3,400 Extent : Severe, Are			1			
	Location	ı : 2nd Floo	or Locker Room, W	ater Lea	king To Boiler Roo	m, Wash	Bay Area		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1			
Fixtures	100%			LIFE		1			
Generic	100%								
ire Suppression	100%								
Standpipe									
Generic	100%			2024	\$113,000	1-5	\$16,900		

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

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

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Sprinkler						
Generic	100%	2024	\$369,600	1-2	\$9,100	
Chemical System						
No Component	98%					
Generic	2%	2019	\$500	1-3	\$1,000	
	Other Observation, Extent: Light, A.	rea Affected : 1	2%			
	Location: Garage					
	Explanation: For Fuel Station					

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BROOKLYN LOT CLEANING GARAGE

Address : 803 FORBELL ST. BTWN: FLATLANDS AV - STANLEY AV

Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 19-May-2015 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2,3

Block : 4555 Lot : 1 BIN : 3099064

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$2,395,500	\$241,000
Interior Architecture	\$588,400	\$183,300
Electrical	\$579,700	
Mechanical		\$38,900
Total	\$3,563,600	\$463,300
Importance Code A	\$2,395,500	\$241,000
Importance Code B	\$831,800	\$222,200
Importance Code C	\$336,300	
Total	\$3,563,600	\$463,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$18,900			\$10,600
Interior Architecture	\$2,500		\$2,500	\$1,200
Electrical	\$24,800	\$100	\$800	\$32,500
Mechanical	\$7,400	\$8,100	\$9,300	\$55,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$57,600	\$12,200	\$16,500	\$103,400
Importance Code A	\$23,700	\$4,100	\$2,300	\$14,700
Importance Code B	\$34,000	\$8,100	\$14,200	\$88,700
Importance Code C				



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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 #: 4194

rchitecture		Current Repair Future Replacement			e Replacement	М				
estem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
terior	•			•				•		
Exterior Walls										
Concrete Masonry Unit	10%			LIFE	* *	5	\$8,500			
Masonry: Brick Cavity	70%	Now	\$697,800	LIFE	* *	5	\$95,300	1		
	_	Crumbling, 1 : Bulkhead	Extent : Severe, A ds	rea Affeo	cted : 20%					
	Diagonal Cracks, Extent : Moderate, Area Affected : 20% Location : Throughout									
	Int Mortar Miss/Erod, Extent : Moderate, Area Affected : 50% Location : Throughout									
		Cracks, Exte 1 : Bulkhead	ent : Severe, Area A ds	Affected :	15%					
Masonry: Granite	5%			LIFE	* *	5	\$5,100			
Metal Coiling Doors	5%			2031	* *	5	\$21,300			
Pre-Cast Concrete	5%		\$43,900	LIFE	* *	5	\$22,100			
	_	Crumbling, 1 : West Fac	Extent: Moderate	e, Area Ą	ffected : 20%					
Wood Overhead Doors	5%	Now	\$210,400	2046	* *	5	\$17,000			
	Deteriora	n : West Fac ted Finish, n : West Fac	Extent : Severe, Ar	ea Affec	ted : 50%					
Windows				• • • •		_	* * • • •			
Aluminum	2%		Φ1 100 7 00	2042	* *	5	\$500			
Steel	Location	ation, Exter 1 : Through			l : 50%	5	\$145,700	1		
	Corrosion/Rusting, Extent: Severe, Area Affected: 50%									
	Location: Throughout Glazing Broken/Cracked, Extent: Severe, Area Affected: 25% Location: Bulkheads									
	Unit Inop		ent : Severe, Area A	Affected :	100%					
Parapets	Locuitor	Imough								
Masonry: Brick Cavity	_		\$150,800 Extent : Moderate	LIFE e, Area Ą	* * ffected : 25%	5	\$11,200			
	Jnt Morta	_	d, Extent : Modera	te, Area I	Affected : 50%					
Pre-Cast Concrete	Location	Crumbling, 1 : Coping	\$10,300 Extent : Light, Ard, Extent : Moderat			5	\$3,700			
		1 : Coping	., Daicin . moueru	.c, 111641	1)Jecieu - 5070					

Maintenance \$ are aggregated over a 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 #: 4194

Architecture	Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior								
Roof								
Metal, Corrugated	10% Now Broken/Missing Elen Location : Slope Ro			* * Affected : 25%	1			
Modified Bitumen	90% Now Blisters, Extent: Mod Location: Over Th		2031 ed : 10%	* *				
	Water Penetration, E Location : Over Ga							
nterior								
Floors					_			
Cast in Place Concrete	85% Now Cracking/Crumbling Location: At Shops		LIFE , Area Aj	* * ffected : 15%	5	\$183,300		
Ceramic Tile	5%		2035	* *	5	\$4,900		
Vinyl Tile	10% 0-2 Cracking/Crumbling. Location: Locker I Worn/Eroded, Extent Location: Locker I	Rooms : : Moderate, Area .	_	-	3	\$3,700		
Interior Walls	Eccuron : Eccuer 1	tooms						
Cast in Place Concrete	20% Now Water Penetration, E Location: Third Fl Other Observation, E	oor Extent : Severe, Are						
	Location : Third Fl	=	D	D., . T. W., D.,				
Dlagton	Explanation: Expo	sea Sieei Structure		Due 10 Water Per				
Plaster SGFT/Glazed Masonry	10% 70%		LIFE LIFE	**	5	\$4,100		
Ceilings	7070		LII L					
AcousTileSusp.Lay-In	5%		2043	* *	5	\$4,900		
Exposed Concrete	85%		LIFE	* *	5	\$13,100		
	Water Penetration, E Location : Shops	Extent : Moderate, A		cted : 10%	-	7-2,200		
Plaster	10% Water Penetration, E Location : Archives			* * cted : 10%	5	\$6,200		

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

Under 600 Volts

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

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

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

Asset #: 4194

Electrical		Current	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts								
Service Equipment						_		
Air Circuit Breaker	100%	2-4	\$2,500	2056	**	5	\$200	
		ervation, E : Electrica	Extent : Moderate, A	Area Affe	ected : 100%			
			u Koom ain Service Discom	nect Swit	ches No Available	Ratings A	And On Extended	
	Life.							
Switchgear / Switchboard						_		
Air Circuit Breaker	90%	2-4	\$43,000	2056	**	5	\$200	
		led Life, Ex ı : Electrica	tent : Moderate, A	rea Affec	ted : 100%			
M II I G DI				2056	* *		#100	
Molded Case Bkrs	10%	2-4	\$4,800 tent : Moderate, A	2056		5	\$100	
		eu Lije, Ex 1 : Electrica		ей Ајјес	ieu . 100/0			
Raceway	Locunon	. Diceiric	100111					
Conduit	95%			2026	\$8,700	1		
Conduit	5%			2036	* *	1		
Panelboards								
Fused Disc Sw	15%			2025	\$4,400	5	\$200	
Molded Case Bkrs	80%			2025	\$23,400	5	\$1,400	
Molded Case Bkrs	5%			2034	* *	5	\$100	
Wiring								
Braided Cloth	60%	2-4	\$12,000	2051	* *	1		
		Aged, Exte Through:	ent : Moderate, Are	a Affecte	ed : 100%			
Th 1		i. Inrough	Ош	2026	* *	1		
Thermoplastic Thermoplastic	5% 35%			2036 2026	\$7,000	1 1		
Motor Controllers	33%			2020	\$7,000	1		
Locally Mounted	10%			2031	* *	5		
Locally Mounted	40%			2024	\$19,700	5	\$200	
Motor Control Center	50%	2-4	\$5,600	2046	**	5	\$400	
			tent : Moderate, A		ted : 100%		7.00	
	Location	: 1st Floo	r					
Ground								
Grounding Devices								
Not Accessible	100%							
ighting								
Interior Lighting	C00/			2021	¢04.500	10	¢26,200	
Fluorescent	60%	arvation I	Extent : Moderate, A	2021	\$84,500	10	\$36,200	
			xieni . Moderdie, 1 out The Building	нгей Ајје	ciea . 100%			
		tion : T-12	=					
Fluorescent	8%			2031	* *	10	\$4,800	
1 Idolescent		ervation F	Extent : Moderate, A			10	φ+,600	
		ervation, L 1 : Offices		ca 11jje				
		tion : T-8 L	amps					
	32%		•	2021	\$168,200	10	\$700	

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

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

Asset #: 4194

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Service	40%		2021	\$12,700	1		
Emergency, Battery	10%		2021	\$8,700	10	\$1,600	
Exit, Service	50%		2021	\$8,700	1		
Exterior Lighting							
HID	100%		2021	\$242,900	10	\$200	

Mechanical	Current Repa	air Futur	e Replacement	M					
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Heating									
Energy Source									
Electricity	30%	2036	* *	1					
Fuel Oil No 2	70%	2036	* *	5	\$14,300				
	Buried Tank(s), Extent : Light, Area Affected : 100% Location : Yard								
	Other Observation, Exten	t : Light, Area Affected	: 100%						
	Location : Buried In Ya	rd							
	Explanation: 1 4000 G	allon Tank							
Conversion Equipment									
Furnace	70%	2031	* *	1	\$22,800				
	Other Observation, Exten	t : Light, Area Affected	: 70%						
	Location: Throughout	Mechanical Shop Of Go	ırage Floor						
	Explanation : Oil Fired	Space Heaters							
Radiant Heater	30%	2031	* *	2	\$9,200				
	Other Observation, Exten		: 30%		1-,				
	Location : Administrati								
	Explanation : Electic S _I	=							
Terminal Devices	•								
Fan Coil Unit/Heat	100%	2031	* *	1	\$21,300				
Air Conditioning					·				
Energy Source									
Electricity	100%	2034	* *	1					
Conversion Equipment									
Window/Wall Unit	15%	2021	\$19,800	1					
No Component	85%								
Ventilation									
Distribution									
Ductwork/Diffusers	60%	LIFE	* *	2-5	\$22,000				
No Component	40%								
Exhaust Fans									
Roof	60%	2031	* *	2	\$1,200				
Wall Unit	40%	2026	\$38,900	2	\$800				

Plumbing

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

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

Mechanical	Current Re	pair Fut	Future Replacement		Maintenance	
System Component Type	% of Fail Date F Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	50%	2036	**	1		
Galv Iron/Steel	50%	2031	* *	1		
Water Heater						
Electric	100%	202	\$10,000	4	\$400	
Sanitary Piping						
Cast Iron	100%	LIFE	**	1		
	On Extended Life, Exter Location : Throughou		ected : 100%			
Storm Drain Piping						
Cast Iron	100%	LIFE	**	1		
	On Extended Life, Exten	nt : Moderate, Area Affe	ected : 100%			
	Location: Throughou	t				
Backflow Preventer						
Generic	100%	2026	\$6,200	1	\$4,000	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	**			
	Other Observation, Ext Location : Basement -	-	ed : 100%			
	Explanation: 1 Unit 1	Not In Service				
Fire Suppression Standpipe						
Generic	100%	2036	**	1-5	\$34,400	

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BROOKLYN SOUTH 6 GARAGE BK S6

Address : 127 2ND AVENUE

Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 21-Aug-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1020 Lot : 1 BIN : 3022747

CAPITAL	FY 2018 - 2021	FY 2022 - 2027	
Exterior Architecture	\$980,800	\$59,500	
Interior Architecture	\$628,700	\$72,800	
Electrical	\$114,300	\$110,900	
Mechanical	\$36,600	\$327,500	
Total	\$1,760,400	\$570,600	
Importance Code A	\$980,800	\$59,500	
Importance Code B	\$779,600	\$511,200	
Total	\$1,760,400	\$570,600	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture		\$500		
Interior Architecture	\$34,500	\$800		\$3,400
Electrical		\$200	\$300	\$10,100
Mechanical	\$46,900	\$12,200	\$5,800	\$7,000
Total	\$81,400	\$13,700	\$6,100	\$20,500
Importance Code A	\$3,100	\$1,900	\$1,400	\$1,400
Importance Code B	\$43,900	\$11,000	\$4,800	\$19,000
Importance Code C	\$34,500	\$800		
Total	\$81,400	\$13,700	\$6,100	\$20,500



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

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

DEPARTMENT OF SANITATION - 827 BROOKLYN SOUTH 6 GARAGE BK S6

Asset #: 4193

rchitecture	Current Repair Future Replaceme			e Replacement	ent Maintenance			
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls	200/	3.7	Φ1 7 < 200	LIDE	ale ale	_	\$ < 0.00	
Concrete Masonry Unit	Location Jnt Morta Location Misaligne	/Crumbling, n: East Fac r Miss/Eroo n: East Fac rd/Bulging,	\$176,300 Extent: Light, Arcade, North Facado d, Extent: Light, Acade, North Facado Extent: Light, Are ade, North Facado	e, South I rea Affec e, South I a Affecte	Facade ted : 15% Facade d : 25%	5	\$6,800	
Masonry: Brick	Location Diagonal Location Jnt Morta Location Misaligne Location Rusting M Location Spalling,	Crumbling, n: Through Cracks, Ex n: Through or Miss/Eroo n: Through od/Bulging, n: Window Masonry Sup n: Window Extent: Mo	l, Extent : Modera out Extent : Moderate,	rior Of M rea Affec te, Area A Area Afj ete, Area gs ted : 40%	ain Garage ted: 25% Affected: 50% fected: 30% Affected: 50%	5	\$20,100	
Metal Coiling Doors	Location	n/Rusting, E n : Through	\$101,200 Extent : Moderate, A out Extent : Severe, Area			5	\$2,900	
	-	n : Through		35				
Wood Overhead Doors	Location Punct/Ted Location Split/Crad	Decay, Exten n : Through ur/Impact D n : Through	amage, Extent : M out : : Moderate, Area	oderate,	Area Affected : 25	5	\$9,100	
Windows						_		
Aluminum	_		\$60,200 ent : Severe, Area A out	2051 Affected :	**	5	\$700	
Steel	Location Corrosion Location Deteriora Location Glazing E	ation, Extern: South Fond ARusting, Ender: Through The ted Finish, The Through	xtent : Moderate, 1 out Extent : Moderate, out ked, Extent : Mode	Area Affe , Area Af	cted : 50% fected : 50%	5	\$21,500	

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

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

Asset #: 4193

Architecture	Current Rep	air Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior							
Parapets							
Concrete Masonry Unit	30%	LIFE	* *	5	\$1,300		
Masonry: Brick	40%	LIFE	* *	5	\$1,600		
	Recent Repair Evident, E Location : Throughout	xtent : Light, Area Affe	cted : 20%				
Masonry: Limestone	10%	LIFE	* *	5	\$500		
Pre-Cast Concrete	10%	LIFE	* *	5	\$2,400		
Stucco Cement	10%	2039	* *	5	\$1,000		
Roof							
Modified Bitumen	100%	2034	* *	10	\$59,500		
nterior							
Floors	900/ 0.3	¢220.000 I IEE	* *	_	¢70 000		
Cast in Place Concrete	80% 0-2 Cracking/Crumbling, Ext	\$338,000 LIFE		5	\$72,800		
	Location: Throughout	eni : Severe, Area Ajjec	nea : 00%				
	_	adayata Ayaa Affaatad	. 250/				
	Worn/Eroded, Extent: M	oaeraie, Area Ajjeciea	: 33%				
	Location: Throughout						
Mosaic Tile	5%	2031	* *	5	\$5,200		
Vinyl Tile	15% Now	\$51,800 2036	* *	3	\$2,300		
	Worn/Eroded, Extent : Se Location : Throughout	evere, Area Affected : 40)%				
Interior Walls							
Ceramic Tile	10%	2029	* *	5	\$1,700		
Concrete Masonry Unit	40% Now	\$29,300 LIFE	* *	5	\$2,700		
	Diagonal Cracks, Extent		: 15%				
	Location : Corridors Ti						
Gypsum Board	25% Now	\$5,100 LIFE	* *	5	\$2,500		
	Broken/Missing Elements		ea Affected : 20%				
	Location: Baseboards						
	Worn/Eroded, Extent: M		: 30%				
	Location: Throughout	Offices / Hallways					
Masonry: Brick	25%	LIFE	* *				
Ceilings							
AcousTileSusp.Lay-In	15% Now	\$49,300 2046	* *	5	\$3,100		
	Staining/Discoloring, Ext	tent : Moderate, Area A	ffected : 50%				
	Location: Throughout						
	Worn/Eroded, Extent: M	oderate, Area Affected	: 25%				
	Location: Throughout						
Exposed Struc: Steel	20% Now	\$85,600 LIFE	* *				
•	Corrosion/Rusting, Exten		cted : 10%				
	Location : Northeast Co						
Plaster	65% Now	\$104,000 LIFE	* *	5	\$16,900		
1 145001	Broken/Missing Elements	. ,	Affected : 20%	5	Ψ10,200		
	Location : Above Left C						
	Paint Peeling, Extent : Se						
	Location : Through Ma						

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

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

Asset #: 4193

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2026	\$1,400	5	\$100	
	Other Observation, Extent : Mo	oderate, Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation : Main Service S	witch Rated @ 12	00 Amperes			
Switchgear / Switchboard	1000/	2026	\$22,000	_	¢100	
Fused Disc Sw	100%	2026	\$23,900	5	\$100	
Raceway Conduit	100%	2026	\$3,700	1		
Panelboards	100%	2020	\$3,700	1		
Fused Disc Sw	2%	2025	\$300	5		
Molded Case Bkrs	80%	2025	\$11,700	5	\$700	
Molded Case Bkrs	18%	2034	\$11,700 **	5	\$100 \$100	
Wiring	1070	2034			Ψ100	
Thermoplastic	80%	2026	\$6,400	1		
Thermoplastic	20%	2036	**	1		
Motor Controllers						
Locally Mounted	80%	2024	\$22,500	5	\$200	
Locally Mounted	20%	2031	* *	5		
round						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$500	
	Other Observation, Extent : Mo					
	Location : Water Main					
	Explanation : Main Water Pi	pe				
ighting						
Interior Lighting	4007	2026	Φ22 000	1.0	Φ10 2 00	
Fluorescent	40%	2026	\$23,800	10	\$10,200	
	Other Observation, Extent: Mo		ctea : 100%			
	Location: Locker Rooms And	i Ojjices				
-	Explanation: T-8 Lamps	2021	* *	10	\$2.700	
Fluorescent	10%	2031		10	\$2,500	
	T-8 Lamps And Fixtures, Exten Location : Throughout	t : Moderate, Arec	i Affectea : 100%			
HID	50%	2026	\$110,900	10	\$500	
Egress Lighting			•			
Exit, Service	100%	2021	\$7,300	1		
Exterior Lighting						
HID	100%	2021	\$114,300	10	\$100	

Mechanical	Current Repair		Futu	re Replacement	М		
System Component Type	% of Fail Da Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Heating

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

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

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

Asset #: 4193

Mechanical	Curr	ent Repair	Future	Replacement	М	Maintenance	
System Component Type	% of Fail I Total (Yea	Date Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Energy Source Interruptible Gas/Dual Fuel	100%		2036	* *	1		
Conversion Equipment Hot Water Boiler	Location : Boil Other Observation Location : Boil	ting, Extent : Severe, An er Breeching on, Extent : Light, Area	ı Affected .	100%	1	\$12,400	
Distribution Steam Piping/Pump	Location: Thre	t : Moderate, Area Affe oughout ting, Extent : Severe, Ai			4	\$1,400	
Terminal Devices Air Handler Convector/Radiator	50% 20% No Damaged, Exten Location : Thro	t : Moderate, Area Affe	2026 2024 ected : 10%	\$73,200 \$51,300	1	\$8,600 \$1,600	
Fan Coil Unit/Heat	Location: Gar	on, Extent : Severe, Are			1	\$2,400	
Air Conditioning		,		<u> </u>			
Energy Source Electricity	100%		2034	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	5%		2026	\$4,600	1	\$600	
	R-22 Refrigeran Location : Gar	t, Extent : Light, Area A age	Affected : I	10%			
Exterior Pkg Unit - Cooling	5%		2026	\$6,300	2	\$100	
Window/Wall Unit	15% 0-2 Malfunctioning, Location : Gar	Extent : Severe, Area A	2019 Affected : 1	\$8,400	1		
No Component	75%						
Terminal Devices Direct Expansion No Component	5% 95%		2026	\$1,100	1		
Heat Rejection Air Condenser Unit No Component	5% 95%		2026	\$700	2	\$1,000	

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.

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$15,500		
Exhaust Fans									
Interior	10%			2026	\$3,000	2	\$100		
Roof	90%	0-2	\$3,900	2026	\$19,400	2	\$600		
		Malfunctioning, Extent : Severe, Area Affected : 40%							
	Location	ı : Ef 001 -	Ef 003 Are Defecti	ve					
Plumbing									
H/C Water Piping									
Brass/Copper	100%	0-2	\$1,600	2026	\$81,100	1			
			evere, Area Affecte						
	Location	ı : Main Sh	utoff Valve Corrode	ed					
Water Heater									
Gas Fired	100%			2025	\$6,300	2	\$400		
			Extent : Light, Area	Affected	! : 100%				
	Location	ı : Boiler R	oom						
Sanitary Piping									
Cast Iron	100%	0-2	\$11,800	LIFE	* *	1			
			Extent : Severe, Are	a Affecte	ed : 20%				
	Location	: Floor D	rain						
Storm Drain Piping									
Cast Iron	100%			LIFE	* *	1			
Fixtures									
Generic	100%								
Fire Suppression									
Standpipe									
Generic	100%			2046	* *	1-5	\$14,000		

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

Page: 113

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : CENTRAL REPAIR SHOP QUEENS 2,3,4 GARAGE
Address : 52-35 58TH STREET (ZOLA - 58-73 53RD AVENUE)

Borough : QUEENS Agency's Number : N/A

Date of Survey : 10-Jun-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,ph

Block : 2361 Lot : 268 BIN : 4054170

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$3,280,400	\$2,417,800
Interior Architecture	\$2,221,500	\$2,227,100
Electrical	\$526,400	\$3,072,800
Mechanical	\$2,657,000	\$11,173,300
Total	\$8,685,400	\$18,891,000
Importance Code A	\$3,280,400	\$2,876,700
Importance Code B	\$5,405,000	\$15,827,400
Importance Code C		\$186,900
Total	\$8,685,400	\$18,891,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$9,500			\$6,700
Interior Architecture	\$39,500		\$27,500	\$13,700
Electrical	\$95,600	\$118,800	\$78,900	\$74,600
Mechanical	\$96,000	\$58,300	\$142,100	\$44,000
Elevators/Escalators	\$23,700	\$23,700	\$23,700	\$23,700
Total	\$264,300	\$200,800	\$272,100	\$162,700
Importance Code A	\$9,500	\$1,900		\$6,700
Importance Code B	\$242,800	\$198,900	\$272,100	\$156,000
Importance Code C	\$12,000			
Total	\$264,300	\$200,800	\$272,100	\$162,700



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

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

Asset #: 120

rchitecture		Current I	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	Location	Cracks, Ex 1: Bulkhead	\$130,700 tent : Moderate, Ar ds e, Extent : Modera			5	\$44,400	
	Location	ı : North Aı	nd South Facades					
		racks, Exte 1 : Corners	nt : Moderate, Are	a Affecte	d : 10%			
Masonry: Brick	65%			LIFE	* *	5	\$288,300	
Metal Panel	5%			2044	* *	5-10	\$152,500	
Metal Coiling Doors	15% Corrosion	Now /Rusting, E	\$368,700 Extent : Moderate, A	2037 Area Affe	* * cted : 25%	5	\$104,000	
	Location	: Through	out					
		ted Finish, 1 : Through	Extent : Moderate, out	Area Af	fected : 25%			
Window Wall	5%			2044	* *	5	\$83,200	
Windows								
Aluminum	Location Glazing B. Location Unit Inope	ation, Exter c: Offices roken/Crac c: Through crable, Exte	ent : Moderate, Are	erate, Are	ea Affected : 15%	5	\$25,900	
	Location	: Through	out					
Aluminum	20%			2046	* *	5	\$13,400	
Metal Louvers	3%			2033	* *	10	\$12,600	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	\$24,000	
Metal Panel		Now issing Elem i : Coping	\$9,500 nents, Extent : Mod	2044 erate, Ar	* * rea Affected : 20%	5	\$2,400	
Roof								
Modified Bitumen	Location Vegetation Location	ad/Misposn 1: Over Fif 1 Growth, I 1: Over Fif	\$199,500 , Extent : Moderate th Floor Body Shop Extent : Moderate, a th Floor Body Shop	o Area Affa o	ected : 25%			
			xtent : Moderate, A th Floor Body Shop		cted : 15%			
Modified Bitumen Modified Bitumen	45% 35% Broken/M		\$116,400 nents, Extent : Seve	2029 2024 re Area	* * \$1,163,700 Affected: 20%	10	\$263,100	1

Interior

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

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

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

Asset #: 120

Architecture		Current Repair		Future Replacement		M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Carpet	5%			2023	\$685,100	3	\$82,400	
Cast in Place Concrete	17%			LIFE	* *	5	\$408,700	
Cast in Place Concrete	60%	Now	\$669,800	LIFE	* *	5	\$1,442,600	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
	Location: Throughout							
		_	, Extent : Moderate	e, Area A	ffected : 20%			
	Location	ı : Through	out					
Ceramic Tile	5%			2033	* *	5	\$55,000	
Terrazzo	3%			LIFE	* *	5	\$25,800	
Vinyl Tile	10%	2-4	\$912,700	2034	* *	3	\$41,200	
•	Loose/Dei	lam Surface	, Extent : Moderat	e, Area A	ffected : 30%			
	Location	ı : 4th Floo	r 9x9 Tiles					
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	cted : 30%			
	Location	ı : 4th Floo	r					
	Explana	tion : 9 X 9	Tiles					
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$24,000	
Concrete Masonry Unit	75%			LIFE	* *	5	\$143,800	
Gypsum Board	15%			LIFE	* *	5	\$43,100	
Plaster	5%			LIFE	* *	5	\$7,200	
Ceilings								
AcousTileConcealSpLn	5%		\$86,800	2029	* *	5	\$34,300	
	Broken/Missing Elements, Extent: Moderate, Area Affected: 10%							
	Location	ı : Near Fre	eight Elevator On I	Fifth Floo	or			
AcousTileConcealSpLn	10%			2029	* *	5	\$137,400	
Exposed Concrete	70%	Now	\$483,500	LIFE	* *	5	\$120,200	
•	Broken/M	issing Elem	ents, Extent : Seve	re, Area	Affected : 10%			
	Location: At Beams							
	Cracking/Crumbling, Extent: Moderate, Area Affected: 10%							
		ı : 4th Floo		· ·	•			
					66 1 100/			
	Exposed F	Reinforceme	ent, Extent : Severe	, Area Aj	fected : 10%			
	-	-	ent, Extent : Severe r Elevator Lobby, A	-				

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

Under 600 Volts

Maintenance \$ are aggregated over a 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 #: 120

Electrical	Current Repair	Future Rep	lacement	Ma		
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Air Circuit Breaker	75%	2024	\$3,500	5	\$3,000	
	Other Observation, Extent : Moderate	e, Area Affected :	100%			
	Location : Electrical Room					
	Explanation: 3- Main Services Swit					
Fused Disc Sw	25%	2044	* *	5	\$800	
	Other Observation, Extent : Moderate Location : Electrical Room	e, Area Affected :	100%			
	Explanation: Main Service Switch	Rated 3000 Ampe	res			
Transformers						
Dry Type	100%	2029	* *	5	\$2,800	
	Other Observation, Extent : Moderate	e, Area Affected :	100%			
	Location: Electrical Room					
	Explanation: 2-150 Kva, 75 Kva, 4	5 Kva, 480/208/12	20 Volts			
Switchgear / Switchboard						
Air Circuit Breaker	50%	2024	\$23,900	5	\$2,000	
Molded Case Bkrs	50%	2024	\$23,900	5	\$10,100	
Raceway						
Busway	20%	2022	\$6,100	1		
Busway	5%	2037	* *	1		
Conduit	60%	2024	\$18,400	1		
Conduit	15%	2034	* *	1		
Panelboards						
Fused Disc Sw	10%	2023	\$3,800	5	\$1,800	
Molded Case Bkrs	65%	2023	\$24,500	5	\$13,100	
Molded Case Bkrs	25%	2032	* *	5	\$5,000	
Wiring						
Braided Cloth	50% 2-4 \$13,500		* *	1		
	Insulation Aged, Extent : Moderate, A	Area Affected : 100	0%			
	Location : Throughout					
Busway	25%	2022	\$6,800	1		
Busway	5%	2029	* *	1		
Thermoplastic	20%	2044	* *	1		
Motor Controllers						
Locally Mounted	25%	2029	* *	5	\$1,300	
Motor Control Center	75%	2029	* *	5	\$15,600	
Fround						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$11,200	
	Other Observation, Extent: Moderate	e, Area Affected :	100%			
	Location: Sprinkler Room Explanation: Connected With Main	ı Water Pipe				
tand-by Power	1	· r ·				
Transfer Switches						
Automatic	100%	2041	* *	1	\$235,400	

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

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

Asset #: 120

Electrical	Current	Repair	Futur	e Replacement	M	Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power							
Generators							
Diesel	100%		2037	* *	1	\$296,300	
	Other Observation, I	Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Outside						
	Explanation: 375 I	Kva					
Batteries	1000/		2010	44.700	_	Φ20.200	
Lead/Acid	100%		2019	\$1,500	5	\$28,300	
Fuel Storage	1000/		2050	de de	_	\$21 500	
Main Tank	100%	7	2059	**	5	\$21,600	
	Other Observation, E	Extent : Moderate, A	Area Affe	cted : 100%			
	Location: Outside	I Davis C					
(inlain a	Explanation : No N	amepiate Kating Co	арасну				
Lighting Interior Lighting							
Fluorescent	65%		2029	* *	10	\$437,800	
Tuorescent	T-8 Lamps And Fixtu	ires Frient · Modes		a Affected · 100%	10	\$ 4 37,600	
	Location : Through		<i>uic</i> , 117 cc	riggeerea : 10070			
HID	35%		2024	\$250,900	10	\$8,300	
Egress Lighting	20,0			4200, 500		Ψ0,200	
Emergency, Battery	50%		2029	* *	10	\$88,600	
Exit, Service	50%		2029	* *	1	φου,σου	
Exterior Lighting							
HID	100%		2024	\$2,821,900	10	\$2,300	
Alarm						. , , , , , , , , , , , , , , , , , , ,	
Security System							
No Component	70%						
Generic	30%		2029	* *	1	\$85,700	
	Other Observation, I	Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Hallways And Outside						
	Explanation: CC	TV Surveillance C	amera Sy	stem			
Fire/Smoke Detection							
No Component	70%						
Generic	30%		2029	* *	1-3	\$141,400	
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location : Hallway						
	Explanation : Smok	ke Detector, Manua	l Pull Sta	ttion, Strobe Light.	s And Ho	orns	

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				

Energy Source

Campus Steam 100% 2034 ** 1

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

Location: 58-73 53rd Avenue

Explanation: Steam Coming From Former Betts Ave Incinerator Building

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

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

Asset #: 120

Mechanical		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Pres. Reducing Valve/LP Steam	100%			2027	\$458,800	5	\$43,600	
	Location Damaged,	: Return I Extent : So	\$187,800 evere, Area Affected ine evere, Area Affected sate Return Line		\$3,755,500	4	\$36,200	
	Location Leak Evid	: Pneuma ent, Extent	\$580,000 at, Area Affected : I tic Controls : Severe, Area Affe Coils, Throughout		\$1,933,400 %	1	\$204,300	
Convector/Radiator Fan Coil Unit/Heat Unit Heater-Stm/HW	10% 10% 30%			2022 2024 2024	\$18,100 \$1,073,800 \$171,000	1 1 4	\$23,700 \$23,700 \$20,200	
Air Conditioning Energy Source Electricity	100%			2032	**	1	¥20,200	
Conversion Equipment Exterior Pkg Unit - Cooling	15%	igerant, Ex	tent : Light, Area Ą	2024	\$650,300 15%	2	\$6,700	
Exterior Pkg Unit - Cooling	Location 5%	Now Now	\$216,800	2034	* *	2	\$1,800	
-	Location Unit Inope	: Roof erable, Exte	tent : Light, Area A ent : Severe, Area A nits For Office Area	ffected :				
Window/Wall Unit No Component	10% 70%			2019	\$147,400	1		
Heat Rejection Remote Air Cond No Component	20% 80%			2024	\$257,000	2	\$102,300	
Ventilation Distribution Ductwork/Diffusers			\$1,354,100 Ioderate, Area Affec cts And Fan Housin		**	2-5	\$409,500	
Exhaust Fans Roof			\$13,900 ight, Area Affected haust Fans	2024 : 10%	\$278,100	2	\$18,000	

Plumbing

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

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

Asset #: 120

Mechanical	Current Repair	Future I	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping	500/ N. 450		de de			
Brass/Copper		5,000 2034	**	1		
	Other Observation, Extent : Seve Location : Throughout	re, Area Ajjeciea :	30%			
	Explanation : All Zone Valves A	Are Malfunctioning	9			
Galv Iron/Steel	30%	2022	\$642,500	1		
Guiv Holl/Breel	Corroded, Extent : Severe, Area		ψ0+2,300	1		
	Location : Throughout 5th Floo					
HW Heat Exchanger						
Low Temp	100%	2034	* *	4	\$108,900	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	1000/	2024	Ф10,000	4	#1.600	
Rigid Piping	100% Other Observation, Extent : Mod	2024	\$10,800	4	\$1,600	
	Location : Adjacent To Old Inc		ea . 100%			
	Explanation : Pump House Loc	_	Old Incinerator	Rlda Ne	eds To Re	
	Renovated Or Relocated	area riajacem 10 (oug. Ive	eds 10 Be	
Sewage Ejector(s)						
Electric	100%	2024	\$10,800	4	\$1,600	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators Geared Traction	100%	LIFE	* *			
Geared Traction	Other Observation, Extent : Ligh					
	Location: Two Passenger 1-4,		10070			
	Explanation: 6 Units	C				
Fire Suppression						
Standpipe						
Generic	100%	2034	* *	1-5	\$370,300	
Sprinkler	99-1					
No Component	80%	2024	Φ1 651 5 00	1.2	644.400	
Generic	20%	2024	\$1,674,700	1-2	\$41,100	
Chemical System	0.00/					
No Component Generic	98% 2%	2019	\$500	1 2	¢1 000	
Generic	2% Other Observation, Extent : Ligh			1-3	\$1,000	
	Location : Outside Of The Build		-, -			
	Explanation : For Fuel Station	J				

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

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

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Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : CIOFFE REPAIR SHOP
Address : 106-01 AVE. D AT 105 WALK

Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 06-Jun-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3871 Lot : 1 BIN : 3252759

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$665,700	
Interior Architecture	\$949,700	\$271,000
Electrical		\$479,700
Mechanical	\$620,000	\$858,600
Total	\$2,235,300	\$1,609,200
Importance Code A	\$734,000	
Importance Code B	\$1,272,700	\$1,609,200
Importance Code C	\$228,700	
Total	\$2,235,300	\$1,609,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$12,200		\$100	
Interior Architecture	\$95,300			\$1,300
Electrical	\$2,100	\$29,000	\$1,700	\$2,100
Mechanical	\$8,500	\$20,900	\$13,700	\$8,000
Total	\$118,100	\$49,900	\$15,500	\$11,300
Importance Code A	\$15,500	\$3,500	\$3,500	\$3,300
Importance Code B	\$71,300	\$46,400	\$12,100	\$8,000
Importance Code C	\$31,200			
Total	\$118.100	\$49.900	\$15.500	\$11.300



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

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

rchitecture		Current	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
kterior								
Exterior Walls	0.207	3.7	Φ112 100	LIDE	ale ale	-	Φ1 7 <00	
Concrete Masonry Unit	Location	ı Jnt Failur ı : West Fa	\$113,100 re, Extent : Modera cade d, Extent : Moderat			5	\$17,600	
		ı : Through						
	_		ot, Extent : Modera ow Openings	te, Area .	Affected : 25%			
Metal Panel	2%	2-4	\$2,400	2044	* *	5	\$1,300	
		/Rusting, E n : North F	Extent : Moderate, A acade	Area Affe	ected : 20%			
		ted Finish, 1 : North Fo	Extent : Moderate, acade	Area Afj	fected : 50%			
Metal Coiling Doors			\$73,200 nents, Extent : Mod cade	2037 erate, Ar	* * rea Affected : 30%	5	\$6,900	
		ted Finish, 1 : Through	Extent : Moderate, out	Area Afj	fected : 30%			
Pre-Cast Concrete			\$2,200 Extent : Moderate cade	LIFE , Area A	* * ffected : 10%	5	\$2,200	
Windows								
Aluminum	_		\$79,900 ed, Extent : Modera	2040 ite, Area	* * Affected : 40%	5	\$2,400	
	Water Per	_	Extent : Moderate, A	Area Affe	cted : 40%			
Aluminum	5%			2040	* *	5	\$300	
Parapets Concrete Masonry Unit			\$3,900 Extent : Light, Are	LIFE ea Affect	* * ed : 10%	5	\$3,500	
M - 1D "		1: Through		2027	* *		ф 2.7 00	
Metal Rail		4+ /Rusting, E 1 : Through	\$1,000 Extent : Moderate, A out	2037 Area Affe		5	\$2,700	
Pre-Cast Concrete			\$2,700 d, Extent : Moderat	LIFE te, Area	* * Affected : 50%	5	\$2,400	
	-	ts, Extent : n : Coping	Moderate, Area Aj	ffected :	25%			

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

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

Architecture	Current R	epair	Future Rep	olacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Roof	1000/ Na	¢200 500	2024	* *			
Built-Up (BUR)	100% Now Miss/Damaged Flashi Location : Around A Water Penetration, Ex Location : Over Sho Worn/Eroded, Extent Location : Over Sho	C Units ctent : Moderate, A ps, Mezzanine Lev : Moderate, Area	Area Affected : vel, Fiberglass	fected : 15% 10% Room			
nterior		r ~					
Floors							
Cast in Place Concrete	85% Now Broken/Missing Elema Location: Garage/	Shops			5	\$187,300	
	Other Observation, Ex Location : Garage/S Explanation : Expos	Shops	a Affected : 20	%			
Ceramic Tile	5% 2-4 Cracking/Crumbling, Location: Througho	_	2033 ea Affected : 10	* *	5	\$2,500	
Vinyl Tile	10% 2-4 Cracking/Crumbling, Location: Througho	_	2024 ea Affected : 10	\$83,700	3	\$3,800	
Interior Walls							
Ceramic Tile	5% 2-4 Cracking/Crumbling, Location: Througho	_	2033 ea Affected : 20	**	5	\$1,100	
Concrete Masonry Unit	80% Now Cracking/Crumbling, Location: Througho Vertical Cracks, Exter	out 1t : Moderate, Are	a Affected : 20		5	\$14,100	
	Location : Pilasters						
Glass: Single Pane	2% 2-4 Cracking/Crumbling, Location: Througho	_		**	5	\$700	
Gypsum Board	5% 0-2 Cracking/Crumbling, Location: Througho	_	LIFE ea Affected : 10	**	5	\$1,300	
SGFT/Glazed Masonry	8% 2-4 Cracking/Crumbling, Location: Througho	_	LIFE ea Affected : 20	**			

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

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

Asset #: 2003

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	8%	Now	\$25,500	2029	* *	5	\$4,000	
	Location Staining/D Location Water Pena	: Fibergla iscoloring, : Fibergla	, Extent : Moderate ess Room extent : Moderate, A	e, Area A	ffected : 30%			
Exposed Struc: Steel	90%	Now	\$373,000	LIFE	* *			
Exposed Struc. Steel	Water Pene	etration, E	xtent : Light, Area And Mezzanine					
Gypsum Board	2%	Now	\$4,000	LIFE	* *	5	\$2,500	
V.	Location Water Pend	: Fibergla	xtent : Moderate, A				. ,	

ectrical	Current Repair	Future Repla	acement	М	aintenance			
stem Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority		
der 600 Volts								
Service Equipment								
Fused Disc Sw	35%	2034	* *	5	\$100			
	Other Observation, Extent : Mo Location : Electrical Room	derate, Area Affected : 1	100%					
	Explanation: One 2000 Amps	Main Disconnect Switch	h For Servi	ce B				
Fused Disc Sw	35%	2034	* *	5	\$100			
	Other Observation, Extent : Mo	derate, Area Affected : I	100%					
	Location : Electrical Room							
	Explanation: One 1600 Amps	Main Dsiconnect Switc	h For Servi	ce A				
Fused Disc Sw	30%	2034	* *	5	\$100			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room							
	Explanation: One 800 Amps	Main Disconnect Switch	For Fire P	итр				
Switchgear / Switchboard								
Fused Disc Sw	80%	2034	* *	5	\$200			
Molded Case Bkrs	20%	2034	* *	5	\$400			
Raceway								
Conduit	100%	2034	* *	1				
Panelboards								
Fused Disc Sw	15%	2032	* *	5	\$200			
Molded Case Bkrs	85%	2032	* *	5	\$1,600			
Wiring								
Thermoplastic	100%	2034	* *	1				

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

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

Asset #: 2003

Electrical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	30%	2029	* *	5	\$100	
Motor Control Center	70%	2029	* *	5	\$1,300	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$1,000	
Lighting						
Interior Lighting						
Fluorescent	40%	2029	* *	10	\$24,700	
	Other Observation, Extent: Mod		cted : 100%			
	Location: Throughout The Bui	ilding				
	Explanation: T-8 Lamps					
HID	60%	2029	* *	10	\$1,300	
Egress Lighting						
Emergency, Battery	50%	2024	\$44,300	10	\$8,100	
Exit, Service	50%	2024	\$3,700	1		
Exterior Lighting						
HID	30%	2029	* *	10	\$100	
HID	70%	2024	\$181,100	10	\$200	
Alarm						
Security System						
No Component	80%					
Generic	20%	2024	\$41,400	1	\$5,200	
	Other Observation, Extent: Mod	lerate, Area Affe	cted : 100%			
	Location : Office					
	Explanation: Recording Video	Is Working				
Fire/Smoke Detection						
No Component	70%					
Generic	30%	2024	\$212,800	1-3	\$13,400	

Mechanical	Current Repair	Future Re	placement	M	aintenance				
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Est	imated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Heating									
Energy Source									
Natural Gas	100%	2034	* *	1					
Conversion Equipment									
Furnace	85%	2019	\$68,300	1	\$28,300				
	Other Observation, Extent : Light, Area Affected : 60%								
	Location: 13 Big Package Units On	Roof, 15 Small	Unit Heaters	Through	out The Garage				
	Explanation: 13 Units								
Hot Water Boiler	15%	2029	* *	1	\$5,000				
	Other Observation, Extent : Light, Area Affected : 20%								
	Location: 1st Floor Boiler Room								
	Explanation: 2 Units								

Maintenance \$ are aggregated over a 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 #: 2003

Mechanical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	te Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Distribution							
Hot Wtr Piping/Pump	15%		2023	\$16,200	4	\$700	
No Component	85%						
Terminal Devices							
Convector/Radiator	15%		2022	\$2,500	1	\$3,300	
No Component	85%						
Air Conditioning							
Energy Source							
Electricity	100%		2032	* *	1		
Conversion Equipment							
Interior Pkg Unit -	5%		2022	\$42,300	2	\$200	
Cooling							
	R-22 Refrigerant, Location : Office	Extent : Light, Area A	ffected :	5%			
	Other Observation Location: For O	n, Extent : Light, Area Office Area	Affected	: 5%			
	Explanation: 1	Unit					
Ext Pkg Unit - Heating/Cooling	70%		2019	\$303,500	2	\$2,900	
Troumg Cooming	R-22 Refrigerant, Location : Roof	Extent : Light, Area A	ffected :	70%			
	Other Observation Location : Roof	ı, Extent : Light, Area	Affected	: 70%			
	Explanation: 12	old Units					
Window/Wall Unit	10%		2019	\$13,500	1		
No Component	15%						
Ventilation							
Distribution							
Ductwork/Diffusers	100% Now	\$248,300	LIFE	* *	2-5	\$37,500	
	Insul. Deterioratir Location : Throu	ig, Extent : Severe, Ar ighout	ea Affect	ted : 50%			
Exhaust Fans							
Roof	100%		2024	\$25,500	2	\$2,100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2034	* *	1		
Water Heater							
Gas Fired	100%		2022	\$15,300	2	\$1,000	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Rigid Piping	100%		2029	* *	4	\$1,600	
Backflow Preventer	/ -					+-,~30	
Generic	100%		2024	\$6,400	1	\$4,100	
	20070			Ψ0,100	-	ψ1,100	

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

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

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DEPARTMENT OF SANITATION - 827 CIOFFE REPAIR SHOP

Current Repair	Future Replacement	Maintenance	
% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
100%			
100%	2024 \$767,600	1-2 \$18,900	
100%	2027 \$48,700	1 \$12,600	
	% of Total (Years) 100% 100%	% of Total Pair Estimated Cost FY Estimated Cost FY 100% 2024 \$767,600	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost (Yrs) Estimated Cost (Yrs) 100% 2024 \$767,600 1-2 \$18,900

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Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : ENCUMBRANCE DEPOT GARAGE 70-A Address : 66 SWAN STREET @ VAN DUZER ST.

Borough : STATEN ISLAND Agency's Number : N/A

Date of Survey : 12-May-2015 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 504 Lot : 49 BIN : 5013317

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$552,000	
Interior Architecture	\$909,000	\$41,100
Electrical		\$46,100
Mechanical		\$200,500
Total	\$1,461,000	\$287,800
Importance Code A	\$552,000	
Importance Code B	\$442,900	\$287,800
Importance Code C	\$466,000	
Total	\$1,461,000	\$287,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$45,500			\$500
Interior Architecture	\$54,700			\$100
Electrical	\$4,400		\$100	\$34,400
Mechanical	\$2,400	\$1,800	\$1,800	\$5,800
Total	\$106,900	\$1,900	\$1,900	\$40,900
Importance Code A	\$46,600	\$1,200	\$1,200	\$1,700
Importance Code B	\$31,400	\$700	\$700	\$39,200
Importance Code C	\$28,900			
Total	\$106.900	\$1,900	\$1,900	\$40,900



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

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

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Exterior Walls	000/ N)///OO TIEE **	_	Ф22.000	
Masonry: Brick	80% Now \$32 Cracking/Crumbling, Extent : I Location : Throughout	24,400 LITE	5	\$22,000	
Metal Coiling Doors		33,000 2031 ** nt : Moderate, Area Affected : 60%	5	\$8,600	
Windows					_
Aluminum	·	17,900 2034 ** : Moderate, Area Affected : 100%	5	\$700	
Steel		14,600 2034 ** nt : Moderate, Area Affected : 100%	5	\$9,100	
Roof					
Asphalt Shingle	10% Recent Replace Evident, Extend Location: Throughout	2041 ** : Light, Area Affected : 100%	10	\$500	
Asphalt Shingle	•	27,600 2029 ** Moderate, Area Affected : 100%			
Modified Bitumen	40% Recent Replace Evident, Extent Location: Throughout	2036 * * : Light, Area Affected : 100%	10	\$13,100	
Interior					
Floors				•	
Cast in Place Concrete		95,500 LIFE ** Moderate, Area Affected : 100%	5	\$41,100	
Quarry Tile		4,700 2031 ** Moderate, Area Affected : 100%	5	\$800	
Vinyl Tile		64,300 2026 \$8,700 Moderate, Area Affected : 100%	3	\$400	

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

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

Asset #: 14780

Architecture		Current l	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Gypsum Board	5%		\$3,300	LIFE	* *	5	\$1,000	
	_		Extent: Moderate	, Area Aj	ffected : 100%			
	Location	ı : Through	out					
Masonry: Brick	75%	Now	\$466,000	LIFE	* *			
-	Cracking/	Crumbling,	Extent: Moderate	, Area Aj	ffected : 100%			
	Location	ı : Through	out					
	Water Per	netration, E	xtent : Moderate, A	rea Affe	cted : 30%			
	Location	ı : Through	out					
Plaster	20%	Now	\$25,600	LIFE	* *	5	\$2,000	
	Cracking/		Extent : Moderate		ffected : 100%		, ,	
	Location	ı : Through	out	·				
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$1,700	2031	* *	5	\$500	
1	Broken/M	issing Elen	nents, Extent : Mod	erate, Ar	ea Affected : 20%			
	Location	ı : Through	out					
Exposed Concrete	45%	Now	\$59,100	LIFE	* *	5	\$1,500	
2.14 00.00 00.000			Extent : Moderate		ffected : 40%	C	Ψ1,000	
		ı : Through		, <u>,</u>	y			
Exposed Struc: Wood	45%	2-4	\$288,300	LIFE	* *			
Exposed Strue. Wood			nt : Moderate, Area		1 · 60%			
	-	ı: Through		rijjeeree				
Gypsum Board	5%	Now	\$5,200	LIFE	* *	5	\$1,300	
••	Cracking/	Crumbling,	Extent: Moderate	, Area Aj	ffected : 100%			
	Location	ı : Through	out					

Electrical		Current R	epair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2052	* *	5	\$300	
	Other Obs	ervation, E	ctent : Moderate, A	rea Affe	ected : 100%			
	Location	: 2nd Floor	•					
	Explanat	ion : Main	Service Switch Rai	ted @ 20	00 Amperes.			
Raceway								
Conduit	50%			2026	\$1,800	1		
Conduit	50%			2052	* *	1		
Panelboards								
Fused Toggle Switch	5%	2-4	\$400	2051	* *	5		
22	On Extend	ed Life, Ext	ent : Moderate, Ar	ea Affec	ted : 100%			
	Location	: 1st Floor						
Molded Case Bkrs	50%			2048	* *	5	\$200	
Molded Case Bkrs	45%			2025	\$3,300	5	\$100	

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

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

Asset #: 14780

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	\$4,000	2051	* *	1		
	Insulation A	ged, Exte	nt : Moderate, Are	a Affecte	ed : 100%			
	Location:	Through	out The Building					
Thermoplastic	50%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	\$14,100	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	90%			2021	\$24,100	10	\$10,300	
	T-12 Lamps	And Fixt	ures, Extent : Mode	rate, Ar	ea Affected : 100%	,		
	Location:	Through	out The Building					
HID	10%			2026	\$10,000	10		
Egress Lighting								
Exit, Service	100%			2026	\$3,300	1		
Exterior Lighting								
HID	100%			2026	\$46,100	10		

echanical	Current Repair	Future Re	placement	M	aintenance	
stem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
ating						
Energy Source						
Fuel Oil No 2	100%	2046	* *	5	\$3,900	
	Other Observation, Extent : L	ight, Area Affected : 10	0%			
	Location : Buried					
	Explanation: 1 1000 Gallor	n Tank				
Conversion Equipment	. Principle of the control of the co					
Furnace	10%	2026	\$1,500	1	\$600	
	Other Observation, Extent : L		. ,	-	Ψ000	
	Location : Above Supervisor		, ,			
	Explanation : Unit Serves S	==				
Steam Boiler	90%	2031	* *	1	\$11,100	
Distribution						
Steam Piping/Pump	100%	2026	\$85,200	4	\$900	
1 6 1	On Extended Life, Extent : Me	oderate, Area Affected :				
	Location : Throughout					
Terminal Devices						
Convector/Radiator	100%	2024	\$115,300	1	\$4,000	
	On Extended Life, Extent : Mo Location : Throughout	oderate, Area Affected :	100%		. ,	

Air Conditioning

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

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

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	10%			2034	* *	1		
No Component	90%							
Conversion Equipment								
Window/Wall Unit	10%			2024	\$2,500	1		
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2036	* *	1		
Galv Iron/Steel	90%			2024	\$32,800	1		
	On Extende	ed Life, Ex	tent : Moderate, Ar	ea Affec	ted : 100%			
	Location	: Through	out					
Water Heater								
Electric	10%			2021	\$200	4		
Electric	30%			2025	\$600	4		
Gas Fired	60%			2025	\$1,700	2	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
		ed Life, Ex : Through	tent : Moderate, Ar	ea Affec	ted : 100%			
Fixtures	2000							
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	\$6,500	

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

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

Page: 132

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : FRESH KILLS I BOAT HOUSE

Address : FOOT OF MULDOON

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS0011.100 / 2022 Yr Built/Renovated : 1995 /

Area Sq Ft : 20,802 Project Type : SANITATION

Date of Survey : 07-Jun-2016 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Electrical		\$209,500
Mechanical		\$111,500
Total		\$321,100
Importance Code B		\$321,100
Total		\$321,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$5,300		\$5,400	
Interior Architecture	\$3,700			
Electrical	\$7,200		\$100	\$300
Mechanical	\$1,600	\$3,400	\$1,600	\$1,700
Total	\$17,900	\$3,400	\$7,100	\$2,000
Importance Code A	\$6,300	\$1,000	\$6,500	\$1,000
Importance Code B	\$11,600	\$2,400	\$600	\$1,000
Total	\$17,900	\$3,400	\$7,100	\$2,000



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS I BOAT HOUSE

Asset #: 2022

Architecture		Current l	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	2%			LIFE	* *	5	\$1,100	
Metal Panel	80%	2-4	\$1,600	2047	* *	5	\$8,500	
			Extent : Moderate, A	Area Affe	cted : 10%			
			shing Throughout					
	-		xtent : Moderate, A		cted : 10%			
	Location	: Various	Locations - All Fac	cades				
Metal Sect. OHD	18%	2-4	\$3,100	2040	* *	5	\$1,600	
	Other Obs	ervation, E	Extent : Moderate, 1	Area Affe	ected : 15%			
	Location	: All Door	rs					
	Explana	tion : Paint	t Peeling, Corrosio	n - Perin	neter Of Frames			
Windows								
Aluminum	100%			2049	* *	5		
	Recent Re	pair Evidei	nt, Extent : Light, A	rea Affe	cted : 100%			
	Location	: All Wind	lows					
	Other Obs	ervation, E	Extent : Light, Area	Affected	! : 100%			
	Location	: All Wind	lows					
	Explana	tion : Prote	ective Metal Grilles	1				
Roof								
Metal Panel	95%			2040	* *	10	\$5,400	
Skylight, Metal/Glass	5%			2047	* *	10	\$500	
Interior								
Floors								
Cast in Place Concrete	100%	0-2	\$1,600	LIFE	* *	5	\$3,500	
	_	Crumbling, ı : Through	Extent : Light, Ard out	ea Affecto	ed : 10%			
	Paint Peel	ling, Exteni	t : Moderate, Area .	Affected	: 15%			
	Location	: Through	out Garage Area					
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5		
Gypsum Board	5%			LIFE	* *	5-10		
No Component	80%							
Ceilings								
Exposed Struc: Steel	10%			LIFE	* *	10	\$300	
Metal Panel	90%			LIFE	* *	5	\$3,600	

Electrical	Current Repair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co. Total (Years)	st Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2027	\$1,400	5	\$100	
	Other Observation, Extent : Moderat	e, Area Affectea	d: 100%			
	Location: Electrical Room					
	Explanation: One 600 Amps Main	Disconnect Swi	itch			

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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS I BOAT HOUSE

Asset #: 2022

Electrical	Current Repair	Future	Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts		•				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2027	\$23,900	5	\$500	
Raceway						
Conduit	100%	2027	\$3,700	1		
Panelboards						
Fused Disc Sw	10%	2026	\$1,500	5		
Molded Case Bkrs	90%	2026	\$13,100	5	\$500	
Wiring						
Thermoplastic	100%	2027	\$8,000	1		
Motor Controllers						
Locally Mounted	100%	2025	\$21,100	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$600	
Lighting						
Interior Lighting						
Fluorescent	20%	2022	\$8,900	10	\$3,800	
	Other Observation, Extent : Modera		ed : 100%			
	Location: Stoage And Bath Room	!				
	Explanation: T-12 Lamps					
HID	80%	2022	\$132,800	10	\$500	
Egress Lighting	_					
Emergency, Battery	50%	2022	\$13,700	10	\$2,500	
Exit, Service	50%	2022	\$2,700	1		
Exterior Lighting						
HID	100%	2022	\$76,700	10	\$100	
Machaniaal						

Mechanical	Current Repair	Future R	eplacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2047	* *	5	\$6,400	
	Other Observation, Extent: Light, A	rea Affected : 10	00%			
	Location: Above Ground In Back	Of Building				
	Explanation: (1) 4,000 Gallon Tar	ık				
Conversion Equipment						
Hot Water Boiler	100%	2032	* *	1	\$10,300	
	Other Observation, Extent: Light, A	rea Affected : 10	00%			
	Location : Boiler Room Accessed I	From Outside Oj	f Main Building	•		
	Explanation: (1) #2 Oil Burning H	lot Water Boiler	•			
Distribution						
Hot Wtr Piping/Pump	100%	2035	* *	4	\$1,500	
Terminal Devices						
Convector/Radiator	15%	2032	* *	1	\$1,000	
Unit Heater-Stm/HW	85%	2027	\$111,500	4	\$2,400	

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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS I BOAT HOUSE

Mechanical	Current Repair	Future Replacemen	nt N	laintenance	
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Estimated Co	Ost Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning					
Energy Source					
Electricity	100%	2043	** 1		
Conversion Equipment					
Window/Wall Unit	5%	2022 \$2,1	00 1		
No Component	95%				
Ventilation					
Exhaust Fans					
Roof	100%	2027 \$16,2	00 2	\$600	
Plumbing					
H/C Water Piping					
Brass/Copper	100%	2037	** 1		
Water Heater					
Electric	100%	2022 \$3,2	00 4	\$200	
Sanitary Piping					
Cast Iron	100%	LIFE	* * 1		
Backflow Preventer					
No Component	50%				
Generic	50%	2027 \$1,0	00 1	\$600	
	Other Observation, Extent : Ligh	ht, Area Affected : 10%			
	Location: Boiler Room				
	Explanation: Boiler Only				
Fixtures					
Generic	100%				
Fire Suppression					
Standpipe					
Generic	100%	2037	* * 1-5	\$10,500	

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Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : FRESH KILLS I BUCKET SHOP

Address : FOOT OF MULDOON

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS0011.020 / 2020 Yr Built/Renovated : 1985 /

Area Sq Ft : 13,200 Project Type : SANITATION

Date of Survey : 07-Jun-2016 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$858,500	\$36,300
Interior Architecture	\$49,900	
Electrical		\$145,500
Total	\$908,400	\$181,800
Importance Code A	\$858,500	\$36,300
Importance Code B	\$49,900	\$145,500
Total	\$908,400	\$181,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$75,700		\$5,900	
Interior Architecture	\$36,300			
Electrical	\$14,700			\$200
Mechanical	\$800	\$800	\$800	\$800
Total	\$127,500	\$800	\$6,800	\$1,000
Importance Code A	\$76,500	\$800	\$6,700	\$800
Importance Code B	\$46,300		\$100	\$200
Importance Code C	\$4,800			
Total	\$127,500	\$800	\$6,800	\$1.000



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

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

Asset #: 2020

chitecture	Current I	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
erior							
Exterior Walls		*			_	** **********************************	
Cast in Place Concrete	15% Now Broken/Missing Elen Location: Through Cracking/Crumbling, Location: Through Exposed Reinforceme Location: Through	out Extent : Moderate out ent, Extent : Moden	e, Area A <u>j</u>	ffected : 66%	5	\$28,400	
Masonry: Brick	45% Now Jnt Mortar Miss/Eroc Location : All Faca Vertical Cracks, Exte Location : Corners	des ent : Moderate, Are			5	\$17,000	
Metal Panel	20% Now	\$15,900	2037	* *	5	\$14,200	
Wicum I union	Deformed/Dented, E. Location: Corners Deteriorated Finish, Location: Through	xtent : Moderate, A Extent : Moderate,	rea Affec		3	ψ14,200	
Metal Sect. OHD	10%		2040	* *	5	\$11,800	
Metal Sect. OHD	5% Now Other Observation, E Location: Through Explanation: Brok.	out	2047 Area Affe		5	\$3,000	
Weathering Steel	5% Now	\$24,800	LIFE	* *	1		
weathering Steel	Other Observation, E Location: Gantry S Explanation: Corn	Extent : Moderate, A Supports	Area Affe	cted : 15%	1		
Windows	1						
Glass Block	5% Now Glazing Broken/Crac Location :	\$900 ked, Extent : Mode	LIFE erate, Are	* * va Affected : 10%	5	\$100	
Metal Louvers	95% Now Broken/Missing Elen Location : Through		2030 'erate, Ar	* * ea Affected : 30%			
Parapets							
Cast Stone/Terra Cotta	10% Now Cracking/Crumbling, Location: Through		LIFE rea Affec	* * ted : 30%	5	\$10,400	1
Masonry: Brick	65% Now Diagonal Cracks, Ex Location: Through Jnt Mortar Miss/Eroc Location: Through	out d, Extent : Modera			5	\$8,800	
No Component	25%						

Maintenance \$ are aggregated over a 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 #: 2020

Architecture	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Roof Built-Up (BUR)	60% Now	\$114,200	2037	* *			
Биш-Ор (БОК)	Blisters, Extent : Sev Location : Lower Re Vegetation Growth, I Location : Lower Re	ere, Area Affected . oof Extent : Severe, Are oof	25% ea Affected				
	Worn/Eroded, Extent Location : Lower Re		ected : 50%	6			
Metal Panel	25% Now Corrosion/Rusting, E Location: Above G Water Penetration, E Location: Over Ga	Gantry Garage Extent : Moderate, A					
Modified Bitumen	15%		2027	\$36,300	10	\$6,400	
Interior							
Floors Asphalt Poured	30% Now Cracking/Crumbling Location: Gantry 0		2032 , Area Affa	* * ected : 25%	5	\$1,700	
Cast in Place Concrete	70% 2-4 Cracking/Crumbling, Location: Various	_			5	\$34,700	
Interior Walls							
Cast in Place Concrete	5% Now Cracking/Crumbling Location : Concrete			* * ected : 15%			
	Exposed Reinforcema Location : Concrete			Affected : 15%			
Concrete Masonry Unit	30%		LIFE	* *	5	\$1,400	
Masonry: Brick No Component	35% 30% Other Observation, E	Extent : Light Arga	LIFE	**	10	\$600	
	Location: In Ganti Explanation: No In	y Area	Ајјесней .	070			
Ceilings							
Exposed Concrete	70% Now Cracking/Crumbling Location: Storage	Area			5	\$2,500	
	Exposed Reinforcema Location : Shop Ar		ate, Area 1	Affected : 0%			
Exposed Struc: Steel	30%		LIFE	* *	10	\$13,600	

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

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

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

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

Asset #: 2020

lectrical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts	•		•	•			
Service Equipment							
Fused Disc Sw	50%		2027	\$700	5		
	Other Observation Location: Electi	n, Extent : Moderate, 1 rical Room	Area Affe	ected : 100%			
	Explanation : Or	ie 1200 Amperes					
Molded Case Bkrs	50%		2027	\$700	5	\$200	
	Location : Electr						
	Explanation : Or	ne 1600 Amps Main D	isconnec	et Switch			
Switchgear / Switchboard Molded Case Bkrs	100%		2027	\$23,900	5	\$300	
Raceway	1000/		2027	Φ2.700			
Conduit	100%		2027	\$3,700	1		
Panelboards	4.0			*= 00	_		
Fused Disc Sw	10%		2026	\$700	5		
Molded Case Bkrs	90%		2026	\$6,600	5	\$300	
Wiring Thermoplastic	100%		2027	\$8,000	1		
Motor Controllers Locally Mounted	100%		2025	\$14,100	5	\$100	
round	10070		2023	Ψ14,100		Ψ100	
Grounding Devices							
Generic Generic	100%		LIFE	* *	5	\$400	
ghting	10070					ψ.00	
Interior Lighting							
Fluorescent	15%		2022	\$4,900	10	\$2,100	
Tradescent	Other Observation	n, Extent : Moderate, A es, Store Room And Bo	Area Affe	ected : 100%	10	Ψ2,100	
ШЪ		12 Lamps	2022	\$0.4.000	10		
HID	80%	\$C 100	2022	\$96,800 * *	10	\$400	
HID	5% Now Damaged Fixtures Location : Shop	\$6,100 s, Extent : Severe, Are	2037 a Affecte				
Egress Lighting							
Emergency, Battery	20% Now	\$4,000	2037	* *			
	_	Extent : Moderate, Are Ighout The Building	ea Affect	ed : 100%			
Emergency, Battery	30%		2022	\$6,000	10	\$1,100	
Exit, Service	30%		2022	\$1,200	1	. ,	
Exit, Service	20% Now	\$800	2037	* *	1		
9	Damaged Fixtures	s, Extent : Severe, Are aghout The Building		d : 100%	-		
Exterior Lighting		<u> </u>	2022	ф.40. 7 00	10		
HID	100%		2022	\$48,700	10		

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

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

Mechanical	Current R	epair F	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)		ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Fuel Oil No 2	100%	20	037	* *	5	\$4,700	
	Other Observation, Ex	tent : Light, Area Affe	ected	: 100%			
	Location : Undergro	und Vault					
	Explanation: (1) 5,0	00 Gallon Tank					
Conversion Equipment							
Furnace	100%	20	032	* *	1	\$7,500	
Air Conditioning							
Energy Source							
Electricity	100%	20	035	* *	1		
Conversion Equipment							
Window/Wall Unit	10%	20	022	\$3,000	1		
No Component	90%						
Ventilation							
Exhaust Fans							
Roof	50%	20	022	\$5,900	2	\$200	
Wall Unit	50%	20	022	\$11,200	2	\$200	
Plumbing							
H/C Water Piping							
Brass/Copper	100%	20	037	* *	1		
Water Heater							
Electric	100%	20	025	\$2,300	4	\$100	

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : FRESH KILLS I TRACTOR REPAIR SHOP/OFFC

Address : FOOT OF MULDOON

Borough : STATEN ISLAND Agency's Number : N/A

Date of Survey : 07-Jun-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,308,700	\$145,500
Interior Architecture	\$689,800	
Electrical		\$443,200
Total	\$1,998,500	\$588,800
Importance Code A	\$1,308,700	\$145,500
Importance Code B	\$518,300	\$443,200
Importance Code C	\$171,600	
Total	\$1,998,500	\$588,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$44,900		\$5,300	
Interior Architecture	\$24,300			\$1,900
Electrical	\$60,500		\$200	\$900
Mechanical	\$12,100	\$8,600	\$10,300	\$10,300
Total	\$141,700	\$8,600	\$15,800	\$13,100
Importance Code A	\$51,500	\$6,700	\$11,900	\$6,700
Importance Code B	\$86,600	\$2,000	\$3,900	\$6,400
Importance Code C	\$3,600			
Total	\$141.700	\$8,600	\$15,800	\$13,100



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS I TRACTOR REPAIR SHOP/OFFC

Architecture System Component Type	Current Repair			Futur	e Replacement	M		
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
exterior								
Exterior Walls	250/	N	¢222.000	LIDD	* *	_	¢42.200	1
Cast in Place Concrete	Location	issing Elem ı : All Faca	\$233,000 eents, Extent : Mod des Throughout Extent : Moderate		ea Affected : 40%	5	\$42,300	1
	Location: All Facades Throughout							
	Exposed Reinforcement, Extent : Severe, Area Affected : 30% Location : All Facades Throughout							
	_		Extent : Severe, Ar des Throughout	ea Affect	ed : 20%			
Concrete Masonry Unit	-		\$13,600 d, Extent : Modera out	LIFE te, Area	* * Affected : 20%	5	\$2,100	
Masonry: Brick	Location Horizonta Location Jnt Morta	Cracks, Ex. 1: At Corne 2: At Cracks, E 2: At Wall I 2: Miss/Eroc	\$249,300 tent : Moderate, Ar ers And Wall Penet extent : Severe, Area Penetrations Throu d, Extent : Moderat	rations a Affected ghout	d : 10%	5	\$16,900	
14 . 15 . 1		ı : Through		2025	di di		Φ2.200	
Metal Panel	-		\$2,400 xtent : Moderate, A out	2037 rea Affec	* * cted : 30%	5	\$3,200	
Metal Sect. OHD	10%			2025	\$103,200	5	\$10,600	
Windows Aluminum			\$6,300 nents, Extent : Seve out	2043 re, Area	* * Affected : 30%	5	\$400	1
Steel	-		\$222,500 at : Moderate, Area out	2052 Affected	* *	5	\$27,300	
	Broken/Missing Elements, Extent: Moderate, Area Affected: 25% Location: Throughout							
	Corrosion/Rusting, Extent : Moderate, Area Affected : 50% Location : Throughout							
		Inefficient, 1 : Through	Extent : Moderate out	, Area Ą	ffected : 50%			

DEPARTMENT OF SANITATION - 827 FRESH KILLS I TRACTOR REPAIR SHOP/OFFC

Asset #: 2791

A3501 # . 2131									
Architecture	Current Repair Future Replacemen					nt Maintenance			
System Component Type		Tail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Parapets									
Cast in Place Concrete	Location : Cracking/C	All Sides T rumbling, I	\$101,800 nts, Extent : Seve Throughout Extent : Severe, A			5	\$33,900	1	
	Location : All Sides Throughout Exposed Reinforcement, Extent : Severe, Area Affected : 25% Location : East Facade								
Concrete Masonry Unit	_	0-2 rumbling, I Throughor	\$2,900 Extent : Moderate ut	LIFE , Area A <u>j</u>	** fected : 30%	5	\$700		
Roof		<u> </u>							
Built-Up (BUR)	Worn/Erode	Now ed, Extent : At Bulkhed	\$39,900 Severe, Area Affa ad	2037 ected : 50	**				
IRMA/Protected Membrane		Now	\$208,400	2037	* *				
	Location:	Throughou							
		Displaced, I Throughou	Extent : Moderate ıt	e, Area A	ffected : 20%				
	Vegetation C Location :		tent : Severe, Are ıt	a Affecte	d : 50%				
		tration, Ext Garage At	ent : Moderate, A ea	rea Affe	cted : 15%				
Metal Panel	10%	Now	\$19,700	2032	* *				
		d Finish, E	xtent : Moderate,		fected : 35%				
		rvation, Ex Throughou	tent : Light, Area ıt	Affected	: 100%				
		_		ylights Ai	re Actually Wood				
Modified Bitumen	50% Blisters, Ext	Now	\$253,700 rate, Area Affecte	2037	**				
	Drains Clog		t : Moderate, Are	a Affecte	ed : 50%				
		_	ent : Moderate, A	A CC	. 1 500/				

Interior

DEPARTMENT OF SANITATION - 827 FRESH KILLS I TRACTOR REPAIR SHOP/OFFC

chitecture	Current R	Futur	e Replacement	Maintenance			
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Floors	85% Now	\$69,600	2032	* *	5	\$21,400	
Asphalt Poured	Broken/Missing Elem Location: Various I Cracking/Crumbling, Location: Garage A Water Penetration, Ex Location: Tractor I	Locations Through Extent : Moderate Area xtent : Severe, Area	erate, Are out Gara , Area Af	ea Affected : 20% ge Area fected : 75%	3	\$21,400	
Vinyl Tile	15% Now Broken/Missing Elema Location: First Floa		2037 erate, Arc	* * ea Affected : 35%	3	\$5,700	
	Cracking/Crumbling, Location : First Flo		, Area Af	fected : 35%			
Interior Walls							
Concrete Masonry Unit	15% Now Vertical Cracks, Exter Location : Garage A		LIFE a Affected	* * d : 35%	5	\$2,600	
Concrete Masonry Unit	65% 0-2 Cracking/Crumbling, Location : Through		LIFE , Area A <u>f</u>	* * fected : 20%	5	\$11,400	
Gypsum Board	10% Now Cracking/Crumbling, Location: Through		LIFE rea Affec	* * ted : 30%	5	\$2,600	
Masonry: Brick	10% Now Vertical Cracks, Exter Location: Roof Stai Water Penetration, Ex Location: Throughe	r xtent : Severe, Are					
Ceilings							
AcousTileSusp.Lay-In	5% Now Broken/Missing Elem Location : Mens Res	stroom			5	\$2,500	
	Water Penetration, Ex Location: Mezzanin		a Affected	l : 20%			
Exposed Concrete	90% Now Broken/Missing Elem- Location: Througho Cracking/Crumbling,	out			5	\$14,200	
	Location: Througho Exposed Reinforceme Location: Througho	out nt, Extent : Moder					
Exposed Struc: Steel	5% Now Water Penetration, Ex Location: Auto Rep		LIFE a Affected	* *			

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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS I TRACTOR REPAIR SHOP/OFFC

Asset #: 2791

lectrical		Current l	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
nder 600 Volts								
Service Equipment								
Molded Case Bkrs	Location	: Electrica	Extent : Moderate, 1 al Room 800 Amps Main Di.			5	\$1,800	
Transformers	<i>T</i>							
Dry Type	100%			2032	* *	5	\$300	
5 -54	Other Obse	ervation, E : Electrice	Extent : Moderate, A al Room		ected : 100%		7000	
	Explanat	ion : One7	75 Kva 480v Pri - 2	08/120v	Sec			
Switchgear / Switchboard						_		
Molded Case Bkrs	100%			2027	\$47,700	5	\$1,800	
Raceway								
Conduit	100%			2027	\$30,600	1		
Panelboards								
Fused Disc Sw	10%			2026	\$3,800	5	\$200	
Molded Case Bkrs	90%			2026	\$33,900	5	\$1,700	
Wiring								
Braided Cloth		-	\$13,500 ent : Moderate, Are out The Building	2052 a Affecte	* * ed : 100%	1		
Thermoplastic	50%			2027	\$13,500	1		
Motor Controllers					•			
Locally Mounted	100%			2025	\$14,100	5	\$500	
ound					•		·	
Grounding Devices								
Generic	100%			LIFE	* *	5	\$2,100	
ghting								
Interior Lighting								
Fluorescent	30%			2022	\$53,500	10	\$18,500	
	Other Obse	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	: Lunch R	oom, Storage, Bath	Room A	nd Locker Room			
	Explanat	ion : T-12	Lamps					
Fluorescent	10%	Now	\$17,800	2037	* *			
	Inadequate		Level, Extent : Mod		rea Affected : 100%	%		
HID	60%			2022	\$39,400	10	\$1,300	
Egress Lighting					, ,		, ,- 3 -	
Emergency, Battery	50%			2022	\$44,300	10	\$8,100	
Exit, Service	50%			2022	\$3,600	1	+ -,- 30	
Exterior Lighting	20,0				42,000			
HID	100%			2022	\$258,400	10	\$200	

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

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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS I TRACTOR REPAIR SHOP/OFFC

Mechanical	n anical Current Repair Futur		Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Da Total (Year	ate Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source Fuel Oil No 2	Location : Unde	n, Extent : Light, Area er Ground Vault In Yar () 20,000 Gallon Tank		* *	5	\$20,800	
Conversion Equipment	Explanation . (1) 20,000 Gallon Tank					
Steam Boiler	Location : Boile	n, Extent : Light, Area or Room 1)#2 Oil Burning Stear		**	1	\$66,600	
Distribution		,					
Steam Piping/Pump	100%		2047	* *	4	\$5,000	
Terminal Devices							
Convector/Radiator	5%		2025	\$800	1	\$1,100	
Unit Heater-Stm/HW	95%		2032	* *	4	\$5,800	
Air Conditioning Energy Source Electricity	100%		2035	* *	1		
Conversion Equipment Window/Wall Unit No Component	10% 90%		2022	\$13,500	1		
Ventilation	7070						
Exhaust Fans Roof	100% Now Broken, Extent : M Location : Roof	\$5,100 Moderate, Area Affecte	2022 ed : 40%	\$25,500	2	\$1,600	
Plumbing							
H/C Water Piping Galv Iron/Steel	100%		2032	* *	1		
Water Heater Oil Fired	100%		2022	\$20,400	1	\$2,000	
HW Heat Exchanger Low Temp	100%		2037	* *	4	\$6,600	
Sanitary Piping Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
Fixtures Generic	100%						

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : FRESH KILLS II EQUIPMENT WASH BLDG.

Address : S. OF VICTORY BLVD.

Borough : STATEN ISLAND Agency's Number : N/A

Date of Survey : 08-Jun-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2685 Lot : 100 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$40,400	
Electrical		\$35,200
Total	\$40,400	\$35,200
Importance Code A	\$40,400	
Importance Code B		\$35,200
Total	\$40,400	\$35,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$4,900		\$25,800	
Interior Architecture	\$35,600			
Electrical	\$800			\$100
Mechanical	\$1,000	\$200	\$400	\$200
Total	\$42,200	\$200	\$26,200	\$300
Importance Code A	\$5,100	\$200	\$26,000	\$200
Importance Code B	\$24,100		\$200	\$100
Importance Code C	\$13,000			
Total	\$42,200	\$200	\$26,200	\$300



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS II EQUIPMENT WASH BLDG.

Asset #: 2012

Architecture		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	\$1,400	
Metal Panel	88%	Now	\$4,200	2047	* *	5	\$11,200	
			Extent : Severe, Area		d : 15%			
			er At Foundation W					
	Deformed/Dented, Extent : Moderate, Area Affected : 10% Location : Various Locations - All Facades							
	Punct/Tea		amage, Extent : Mo		Area Affected : 10	%		
	Other Obs	servation, I	Extent : Moderate, A	Area Affe	cted : 15%			
		ı : North F		00				
	Explana	tion : Vege	tative Growth					
Metal Sect. OHD	10%			2040	* *	5	\$2,100	
Windows							· · ·	
Aluminum	95%	Now	\$40,400	2052	* *	5	\$500	1
	Broken/M	issing Elen	nents, Extent : Seve	re, Area	Affected : 100%			
	Location	ı : Through	out					
No Component	5%							
Roof								
Metal Panel	100%			2040	* *	10	\$24,700	
terior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$28,900	
Interior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	\$900	
Metal Panel	80%		\$12,600	LIFE	* *			
			Extent : Severe, Are	a Affecte	d : 20%			
	Location	ı : Wash Aı	rea					
	Explana	tion : Mola	l Issues					
Ceilings								
Fiber Board	100%		\$8,100	2032	* *			
		_	ients, Extent : Seve	re, Area	Affected : 25%			
	Location	ı : Wash Aı	rea					

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

Under 600 Volts

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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS II EQUIPMENT WASH BLDG.

Current Repair	Futur	e Replacement	М	aintenance	
% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
70%	2027	\$1,000	5		
	Area Affe	ected : 100%			
Location: Electrical Room					
Explanation: One 1000 Amps Main L	Disconnec	et Switch			
30%	2027	\$400	5		
Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
Location: Electrical Room					
Explanation: One 400 Amps Main Di	sconnect	Switch			
100%	2027	\$23,900	5		
100%	2027	\$3,700	1		
10%	2026	\$700	5		
90%	2026	\$6,600	5	\$100	
100%	2027	\$8,000	1		
100%	2025	\$7,000	5		
100%	LIFE	* *	5	\$100	
100%	2022	\$35,200	10	\$100	
50%	2022	\$2,900	10	\$500	
50%	2022	\$600	1		
100%	2022	\$16,000	10		
	% of Fail Date Estimated Cost Total (Years) 70% Other Observation, Extent: Moderate, Location: Electrical Room Explanation: One 1000 Amps Main E 30% Other Observation, Extent: Moderate, Location: Electrical Room Explanation: One 400 Amps Main Di 100% 100% 100% 100% 100% 100% 50% 50%	Nof Fail Date Estimated Cost Total Years	Year Fail Date Estimated Cost Year Estimated Cost Total Years Estimated Cost Total Years Estimated Cost Year Estimated Cost Total Years Estimated Cost Years Years Affected : 100% Explanation : One 1000 Amps Main Disconnect Switch Years Ye	% of Total Fail Date (Years) Estimated Cost (Yrs) Year FY Estimated Cost (Yrs) Cycle (Yrs) 70%	No of Total Fail Date Estimated Cost FY Estimated Cost Cycle (Yrs)

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Energy Source							
Fuel Oil No 2	100%		2037	* *	5	\$1,400	

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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS II EQUIPMENT WASH BLDG.

Mechanical	Current Repair	Future Re	eplacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Conversion Equipment						
Furnace	90%	2027	\$4,700	1	\$2,000	
	Other Observation, Extent : Light Location : Main Floor Explanation : 2 Units	, Area Affected : 90	9%			
Furnace	10%	2022	\$500	1	\$200	
	Other Observation, Extent : Light	, Area Affected : 10	0%			
	Location : Main Floor					
	Explanation: 1 Unit					
Ventilation						
Distribution						
Ductwork/Diffusers	50%	LIFE	* *	2-5	\$1,900	
No Component	50%					
Exhaust Fans						
Roof	100%	2022	\$3,400	2	\$100	
Plumbing						
H/C Water Piping						
Galv Iron/Steel	100%	2032	* *	1		

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Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : GREENPOINT MARINE TRANSFER STA.
Address : N. HENRY ST. & NEWTOWN CREEK

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOS0007.000 / 2017 Yr Built/Renovated : 1955 /

Area Sq Ft : 59,882 Project Type : SANITATION

Date of Survey : 21-May-2015 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 2508 Lot : 1 BIN : 3064006

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$747,800	\$477,500
Interior Architecture	\$570,000	\$155,300
Electrical	\$584,200	\$541,900
Mechanical	\$516,900	\$109,500
Total	\$2,418,900	\$1,284,200
Importance Code A	\$747,800	\$513,600
Importance Code B	\$1,671,100	\$770,600
Total	\$2,418,900	\$1,284,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$27,900			
Interior Architecture	\$91,900			\$500
Electrical	\$9,300	\$1,000	\$800	\$2,600
Mechanical	\$66,800	\$8,200	\$2,900	\$15,200
Total	\$195,900	\$9,200	\$3,700	\$18,300
Importance Code A	\$27,900	\$200		\$12,400
Importance Code B	\$140,000	\$9,000	\$3,700	\$6,000
Importance Code C	\$28,000			
Total	\$195,900	\$9.200	\$3,700	\$18,300



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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 #: 2017

Architecture	Current Repair	Future Replacement	М	aintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority	
Exterior						
Exterior Walls Metal Panel	100% Now \$156,700 Deformed/Dented, Extent : Light, Area Location : Throughout	-	5	\$209,100		
	Other Observation, Extent: Severe, Ar Location: Throughout Explanation: This Building Is Unocc Follow Is A Carryover From July 20.	upied And Scheduled To Be	Demolisł	ned. Report To		
Windows						
Aluminum	10% Now \$27,900 Broken/Missing Elements, Extent: Mo Location: At Office Glazing Broken/Cracked, Extent: Mod Location: Office	-	5	\$300		
Fiberglass Panel	90% Now \$186,400 Broken/Missing Elements, Extent : Sev Location : Throughout	2034 * * ere, Area Affected : 100%	5	\$11,500	1	
Parapets	Ü					
Metal Rail	100% Now \$197,000 Corrosion/Rusting, Extent : Moderate, Location : Throughout	2031 ** Area Affected : 30%	5	\$268,300		
Roof						
Cast in Place Concrete	25% Now \$35,100 Gut/DS Non Func/Miss, Extent: Mode Location: Over Garbage Disposal A Water Penetration, Extent: Moderate, Location: Over Garbage Disposal A	rea Area Affected : 10%				
Metal Panel	75% Now \$172,700 Deformed/Dented, Extent: Moderate, Location: Over Garbage Disposal A Water Penetration, Extent: Moderate, Location: Over Garbage Disposal A	rea Area Affected : 10%				
nterior	0 1					
Floors						
Cast in Place Concrete	90% Now \$144,200 Cracking/Crumbling, Extent: Light, A. Location: Throughout	LIFE ** rea Affected : 20%	5	\$155,300		
Ceramic Tile	5% Now \$74,700 Cracking/Crumbling, Extent : Severe, L Location : Throughout	2041 ** Area Affected : 100%	5	\$2,000		
Vinyl Tile	5% Now \$32,800 Broken/Missing Elements, Extent: Sev Location: Throughout	2036 * * * ere, Area Affected : 100%	3	\$1,500		

 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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 #: 2017

Architecture		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nterior									
Interior Walls	200/		Φ1 2 400	T TEE	* *				
Cast in Place Concrete	U		\$12,400 Extent : Light, Are	LIFE ea Affecto					
Concrete Masonry Unit	5%		\$2,200	LIFE	* *	5	\$400		
Concrete Masonry Onit	Broken/M		nents, Extent : Mod			3	\$ 4 00		
Concrete Masonry Unit	35%			LIFE	* *	5	\$2,800		
Glass: Single Pane	5%	Now	\$5,900	LIFE	* *	5	\$800		
	_	Crumbling, n : Through	Extent : Light, Are out	ea Affecto	ed : 15%				
SGFT/Glazed Masonry	10%	Now	\$7,600	LIFE	* *				
		lissing Elem n : At Office	nents, Extent : Mod es	erate, Ar	rea Affected : 20%				
SGFT/Glazed Masonry	25%			LIFE	* *				
Ceilings									
AcousTileSusp.Lay-In	5%	Now	\$31,200	2046	* *	5	\$2,000		
		issing Elem n : Through	nents, Extent : Seve out	re, Area	Affected : 100%				
Exposed Concrete	25%	Now	\$124,000	LIFE	* *	5	\$3,100		
•	_	Crumbling, n : Lower L	Extent : Moderate evel	, Area A	ffected : 10%				
	-	Reinforceme n : Lower L	ent, Extent : Moder evel	ate, Arec	a Affected : 15%				
Exposed Struc: Steel	70%	4+	\$227,200	LIFE	* *				
-			xtent : Light, Area Disposal Area	Affected	: 10%				

lectrical	Current Repair	Futur	e Replacement	M	aintenance			
vstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
nder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%	2026	\$36,100	5	\$1,600			
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%					
	Location: Electrical Room							
	Explanation: Two 1200 Amps Main I	Disconnec	t Switch					
Transformers								
Dry Type	100%	2024	\$15,400	5	\$200			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Electrical Room							
	Explanation : One 500 Kva 480v/208,	/120v						
Switchgear / Switchboard								
Molded Case Bkrs	100%	2026	\$167,000	5	\$1,600			

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

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

Asset #: 2017

Electrical		Current R	epair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts									
Raceway									
Conduit	100%			2026	\$46,900	1			
Panelboards									
Molded Case Bkrs	100%			2025	\$94,900	5	\$1,600		
Wiring									
Thermoplastic	100%			2026	\$53,900	1			
Motor Controllers									
Locally Mounted	10%			2024	\$3,700	5			
Motor Control Center	90%			2024	\$143,100	5	\$1,500		
Ground									
Grounding Devices									
Generic	100%	0-2	\$9,300	LIFE	* *	5	\$900		
	Other Obs	servation, Ex	tent : Moderate, A	Area Affe	ected : 100%				
	Location	ı : Water Ma	in						
	Explana	tion : Corroc	led						
Lighting									
Interior Lighting									
HID	40%			2021	\$41,800	10	\$700		
Incandescent	60%			2021	\$321,500	2	\$700		
Egress Lighting									
No Component	50%								
No Component	50%								
Exterior Lighting									
HID	100%			2021	\$220,900	10	\$200		
Machanical		O			- Bandaramani		olin (om om om		
Mechanical		Current R	epair	Futur	e Replacement	IVI	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating Energy Source Electricity		servation, Ex 1: 1st Level	tent : Light, Area	2026 Affected	! : 100%	1			

Component Type	% of Fail Date E Total (Years)	Stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
eating										
Energy Source										
Electricity	100%		2026		1					
	Other Observation, Exte	ent : Light, Area	Affected	: 100%						
	Location: 1st Level									
Explanation: This Facility Being Used For Temporary Storage										
Conversion Equipment										
Radiant Heater	5%		2021	\$11,300	2	\$1,200				
	Other Observation, Ext	ent : Light, Area	: 5%							
	Location : Office Only	,								
	Explanation : Elec. Ro	adiant Heater								
No Component	95%									
Distribution										
Steam Piping/Pump	100% Now	\$18,000	2056	* *	4	\$2,600				
	Corroded, Extent: Seve	re, Area Affected	: 100%							
	Location: Throughou	t								

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

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

Asset #: 2017

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Terminal Devices	400/ N	фо. 7 00	20.46	ale ale		φ _C 100		
Convector/Radiator	40% Now Damaged, Extent: Location: Throug	\$9,700 Severe, Area Affecte hout	2046 d : 40%	* *	1	\$6,100		
Fan Coil Unit/Heat	60% Now Not in Service, Exte Location: Throug	\$23,100 nt : Severe, Area Aff hout	2036 fected : 6	* *	1	\$9,200		
Air Conditioning								
Energy Source Electricity	100%		2025	\$109,500	1			
Conversion Equipment	100%		2023	\$109,300	1			
Window/Wall Unit	5%		2019	\$5,300	1			
No Component	95%		_019	42,200	-			
Ventilation								
Exhaust Fans								
Interior	60% Now Not in Service, Exte Location : Throug	\$159,900 nt : Severe, Area Aff hout	2036 Tected : 6	**	2	\$800		
No Component	40%							
Plumbing								
H/C Water Piping Brass/Copper	40% Now Corroded, Extent: Location: Throug	\$61,500 Severe, Area Affected hout	2056 d : 40%	* *	1			
No Component	60%							
HW Heat Exchanger								
Low Temp	100% Now Obsolete Equipmen Location : Mechai	\$16,000 t, Extent : Severe, An nical Room	2056 ea Affect	* * ted : 100%	4	\$5,200		
Sanitary Piping Cast Iron	100% Now Corroded, Extent: S Location: Lower	\$111,800 Severe, Area Affected Level	LIFE d : 100%	* *	1			
Fixtures								
Generic	100% Obsolete Fixtures, I Location : Throug	Extent : Severe, Area hout	Affected	! : 100%				
Fire Suppression								
Standpipe								
Generic	100% Now Corroded, Extent: Location: Throug	\$183,700 Severe, Area Affected hout	2056 d : 100%	* *	1-5	\$18,700		

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

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

Page: 156

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : MANHATTAN 11 GARAGE

Address : 343 E. 99TH ST. BTWN: FIRST AVE. - SECOND AVE.

Borough : MANHATTAN Agency's Number : N/A

Date of Survey : 19-May-2015 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 1671 Lot : 23 BIN : 1052640

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,412,600	\$95,300
Interior Architecture	\$887,200	\$86,900
Electrical	\$232,000	
Mechanical	\$347,000	\$329,500
Total	\$2,878,800	\$511,700
Importance Code A	\$1,412,600	\$95,300
Importance Code B	\$1,389,400	\$416,400
Importance Code C	\$76,800	
Total	\$2,878,800	\$511,700

Total	\$115,100	\$23,700	\$7,100	\$110,200
Importance Code C				
Importance Code B	\$112,000	\$20,500	\$4,000	\$97,500
Importance Code A	\$3,100	\$3,100	\$3,100	\$12,700
Total	\$115,100	\$23,700	\$7,100	\$110,200
Mechanical	\$80,100	\$18,800	\$6,700	\$27,200
Electrical	\$4,000	\$300	\$400	\$73,300
Interior Architecture	\$31,000	\$4,700		\$600
Exterior Architecture				\$9,100
EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021



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

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

rchitecture	Current Repair	Future Replacement	M		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
terior					
Exterior Walls					
Concrete Masonry Unit		LIFE **	5	\$3,600	
	Other Observation, Extent : Severe, Are	ea Affected : 100%			
	Location: Throughout				
	Explanation: Building Is Slated For I				
Masonry: Brick	80% Now \$685,000	LIFE **	5	\$46,500	1
	Broken/Missing Elements, Extent: Seve	ere, Area Affected : 30%			
	Location : South Facade				
	Diagonal Cracks, Extent : Severe, Area Location : Corners	Affected: 30%			
	Misaligned/Bulging, Extent: Severe, A	rea Affected : 40%			
	Location : South Facade, Southeast A	nd Southwest Corners			
	Sidewalk Shed in Use, Extent : Modera Location : South Facade	te, Area Affected : 45%			
	Spalling, Extent: Moderate, Area Affec	tod , 100/			
	Location: West Facade	iea . 4070			
Metal Coiling Doors	10%	2031 **	5	\$18,200	
Windows	10/0	2031		Ψ10,200	
Steel	100% Now \$398,100	2051 **	5	\$48,800	
2.001	Air Infiltration, Extent: Moderate, Area Location: Throughout			Ψ 10,000	
	Bent/Warped Elements, Extent: Moder	ate Area Affected . 30%			
	Location: Throughout	aie, Area Affectea . 50/0			
	Corrosion/Rusting, Extent: Moderate,	Area Affected : 60%			
	Location: Throughout	Trea rijjeciea . 0070			
Parapets	Location : Throughout				
Masonry: Brick	100% Now \$174,000	LIFE **	5	\$3,100	
Wassing. Briek	Misaligned/Bulging, Extent: Moderate		J	Ψ2,100	
	Location: South Facade, Corners, Co	==			
	Spalling, Extent: Moderate, Area Affect				
	Location : Inside Face				
	Worn/Eroded, Extent : Moderate, Area	Affected : 75%			
	Location: Throughout				

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

Architecture	Current Repair		Future Replacement		Maintenance					
System Component Type	% of Fail Da Total (Year	te Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit			
xterior Roof										
Single Ply Membrane	100% Now	\$155,400	2036	* *						
	Debris Present, E.	xtent : Moderate, Are		d: 20%						
	Location: Throu	ghout								
	Drains Clogged, E	Extent : Moderate, Arc	ea Affecte	ed: 25%						
	Location: Throu	-								
	Ponding, Extent: Moderate, Area Affected: 20%									
	Location : Throughout Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%									
	Location: North				%					
		h, Extent : Moderate,	Area Affe	ected : 20%						
	Location: Throu	=								
		, Extent : Moderate, A	Area Affe	cted : 10%						
	Location: North	, Extent : Severe, Are	a Affacta	4 - 100%						
	Location: Throu		и Ајјесте	a. 100%						
		ructurally Unstable D	ue To Ro	tted Wood Reams						
nterior	Ziip tuittiiti t zii	menn anny emanate 2	10 110	nea moda Beams						
Floors										
Cast in Place Concrete	80% Now	\$121,000	LIFE	* *	5	\$86,900				
	_	ng, Extent : Moderate	, Area A <u>f</u>	fected : 35%						
	Location: 1st Fl									
		t, Extent : Severe, Are	a Affecte	d : 15%						
	Location : 2nd F		2024	ماد ماد		ф1.000				
Vinyl Tile	10% Now	\$41,200	2036	* *	3	\$1,900				
	Location : 2nd F	ent : Severe, Area Aff Joor	естеа : 73	0%0						
Wood		1001	2020	* *		¢0.200				
Wood	10% Deflection Eviden	t Extent · Maderate	2029 Area Affe		5	\$9,300				
	Deflection Evident, Extent : Moderate, Area Affected : 100% Location : Throughout									
	Location : Inrougnout Worn/Eroded, Extent : Moderate, Area Affected : 100%									
	Location : Throu		1,5,500,000	100,0						
Interior Walls		_								
Cast Stone/Terra Cotta	15%		LIFE	* *						
Concrete Masonry Unit	25%		LIFE	* *	5	\$2,000				
Gypsum Board	10%		LIFE	* *	5	\$1,200				
Masonry: Brick	50% 0-2	\$76,800	LIFE	* *						
		rod, Extent : Modera	te, Area A	Affected : 40%						
	Location: Throu	ghout								

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

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

Asset #: 4184

Architecture Cu		Current F	Repair Future Replacen		e Replacement	nent Maintena		nce		
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Interior										
Ceilings										
AcousTileSusp.Lay-In	10%	Now	\$39,200	2046	* *	5	\$2,500			
	Worn/Eroded, Extent : Moderate, Area Affected : 65%									
	Location:	Through	out							
Exposed Struc: Wood	40%	Now	\$608,900	LIFE	* *					
•	Dry Rot/Dec	Dry Rot/Decay, Extent : Severe, Area Affected : 50%								
	Location:	Location: Wood Joist Framing System								
	Worn/Eroded, Extent : Severe, Area Affected : 50%									
	Location:	Wood Jo	ist Framing Systen	i						
Metal Panel	50%			LIFE	* *	5	\$62,100			
	Broken/Missing Elements, Extent : Severe, Area Affected : 15%									
	Location:	First Flo	or							
	Deformed/Dented, Extent : Moderate, Area Affected : 25%									
	Location: Throughout									
	Misaligned/Bulging, Extent : Severe, Area Affected : 15%									
	Location: Throughout									
	Other Observation, Extent : Severe, Area Affected : 20%									
	Location:									
	Explanatio	_								

Electrical	Curre	ent Repair	Futur	e Replacement	М	Maintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2046	* *	5	\$1,000	
	Other Observatio	n, Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Elect	trical Room					
	Explanation: O	ne Electrical Service I	Rated At .	200 Amps			
Raceway							
Conduit	100%		2026	\$3,700	1		
Panelboards							
Molded Case Bkrs	80%		2025	\$11,700	5	\$800	
Molded Case Bkrs	20%		2034	* *	5	\$200	
Wiring							
Braided Cloth	50% 2-4	\$4,000	2051	* *	1		
	Insulation Aged, A Location : Thro	Extent : Moderate, Are ughout	a Affecte	ed : 100%			
Thermoplastic	50%		2026	\$4,000	1		
Motor Controllers							
Locally Mounted	100%		2024	\$28,100	5	\$300	
Ground							
Grounding Devices							
Not Accessible	100%						

Lighting

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

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

Electrical	Current Repair	Futur	e Replacement	Maintenance					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Lighting									
Interior Lighting									
Fluorescent	60%	2021	\$42,600	10	\$18,300				
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: Throughout								
	Explanation: T-12 Lamps								
HID	20%	2021	\$53,000	10	\$200				
Incandescent	20%	2021	\$33,800	2	\$100				
Egress Lighting									
Exit, Service	50%	2021	\$4,400	1					
Exit, Battery	50%	2021	\$14,900	10	\$1,100				
Exterior Lighting									
HID	100%	2021	\$136,500	10	\$100				

/lechanical	Current Repair	Future R	eplacement	M				
ystem Component Type	% of Fail Date Estimated Co Total (Years)	st Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority		
eating								
Energy Source								
Fuel Oil No 2	100%	2036	* *	5	\$10,300			
	Exposed Tank(s), Extent: Light, Area	a Affected : 100	%					
	Location: Side Yard - One Tank 25	500 Gallons						
Conversion Equipment								
Furnace	10%	2026	\$4,000	1	\$1,600			
	Other Observation, Extent : Light, Area Affected : 10%							
	Location: 1st Floor Mechanic Area	а						
	Explanation: 2 Oil Fired Units							
Steam Boiler	90%	2039	* *	1	\$29,600			
	Other Observation, Extent : Light, Area Affected : 90%							
	Location : Boiler Room							
	Explanation : One Unit							
Distribution								
Steam Piping/Pump	90% Now \$20,40	0 2026	\$203,600	4	\$1,500			
1 2 1	Corroded, Extent : Severe, Area Affe	cted : 50%	. ,		. ,			
	Location : Boiler Room							
	Malfunctioning, Extent: Severe, Area Affected: 50%							
	Location : Zone Valves, Various	55						
No Component	10%							

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

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

Asset #: 4184

Mechanical	Current Repair	Future	Replacement	М		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Terminal Devices Convector/Radiator	50% 0-2 \$153,000	2046	* *	1	\$4,800	
Convector/Radiator	Corroded, Extent: Severe, Area Affect			1	\$4,000	
	Location: Various Locations	. 5070				
	On Extended Life, Extent : Severe, Area	a Affected :	50%			
	Location: 2nd Floor					
Fan Coil Unit/Heat	40%	2021	\$194,000	1	\$4,300	
	Other Observation, Extent : Light, Area	a Affected :	40%			
	Location: Throughout The Garage					
	Explanation: Modine Units					
Fan Coil Unit/Heat	10%	2026	\$48,500	1	\$1,100	
	Other Observation, Extent : Light, Area Location : Mechanic Area	a Affected :	10%			
	Explanation : 2 Oil Fired Units					
Air Conditioning	Explanation . 2 Oil Fired Onlis					
Energy Source						
Electricity	100%	2034	* *	1		
Conversion Equipment						
Window/Wall Unit	20%	2019	\$13,300	1		
No Component	80%					
Ventilation Distribution						
Distribution Ductwork/Diffusers	20% Now \$5,600	LIFE	* *	2-5	\$3,700	
Ductwork/Diffusers	Damaged, Extent : Moderate, Area Affi			2-3	Ψ3,700	
	Location: 2nd Floor					
No Component	80%					
Exhaust Fans						
Roof	40% Now \$10,300	2036	* *	2	\$300	
	Not in Service, Extent : Severe, Area A	ffected : 30%	%			
	Location: Roof					
Wall Unit	40% Now \$19,600	2036	* *	2	\$300	
	Malfunctioning, Extent: Severe, Area	Affected: 40	0%			
	Location : Garage					
No Component	20%					
Plumbing II/C Water Pining						
H/C Water Piping Brass/Copper	20%	2026	\$19,400	1		
Galv Iron/Steel	80%	2024	\$77,400	1		
Garv Holl/Steel	Corroded, Extent : Light, Area Affected		Ψ77,100			
	Location: Basement					
Water Heater						
Electric	100%	2021	\$5,000	4	\$200	
Sanitary Piping						
Cast Iron	100% Now \$7,000	LIFE	* *	1		
	Corroded, Extent : Severe, Area Affector Location : Various	ea : 20%				
	Location : various					

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

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

Mechanical		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	\$4,500	LIFE	* *	1		
	Blockage / Location		ctent : Severe, Are	a Affecte	ed : 50%			
Sump Pump(s)								
Submersible	100%	Now	\$6,500	2021	\$6,500	4	\$1,600	
	Malfunctio	ning, Exten	t : Severe, Area Aj	ffected :	100%			
	Location	: Boiler Ro	om					
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	\$17,300	
Sprinkler								
Generic	100%			2036	* *	1-2	\$9,300	

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Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : MANHATTAN 12 GARAGE

Address : 301 WEST 215TH STREET @ NINTH AVE.

Borough : MANHATTAN Agency's Number : N/A

Date of Survey : 04-Jun-2013 Landmark Status : NONE

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

Block : 2196 Lot : 1 BIN : 1064485

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$281,100	\$237,700
Interior Architecture	\$39,500	\$269,800
Electrical	\$908,300	\$182,500
Mechanical	\$39,300	\$1,911,400
Total	\$1,268,200	\$2,601,400
Importance Code A	\$281,100	\$413,500
Importance Code B	\$987,100	\$2,187,900
Total	\$1,268,200	\$2,601,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$11,600	\$1,100		
Interior Architecture	\$68,400		\$6,100	\$1,500
Electrical	\$5,600	\$24,100	\$1,500	\$1,500
Mechanical	\$95,000	\$33,000	\$18,300	\$8,700
Total	\$180,700	\$58,300	\$25,900	\$11,700
Importance Code A	\$15,600	\$5,200	\$4,000	\$4,000
Importance Code B	\$163,400	\$53,000	\$15,900	\$7,700
Importance Code C	\$1,700		\$6,100	
Total	\$180,700	\$58,300	\$25,900	\$11,700



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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 #: 140

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior									
Exterior Walls									
Concrete Masonry Unit	53%			LIFE	* *	5	\$34,800		
Concrete Masonry Unit	10%	Now	\$42,300	LIFE	* *	5	\$6,600		
			nents, Extent : Mode Southeast Corner	erate, Ar	ea Affected : 15%				
Masonry: Brick	10%			LIFE	* *	5	\$10,500		
Masonry: Granite	2%			LIFE	* *	5	\$1,600		
Metal Sect. OHD	25%			2037	* *	5	\$82,200		
Windows									
Aluminum	93%	Now	\$53,800	2040	* *	5	\$6,600		
		: Missing, E n : Offices	Extent : Moderate, A	rea Affe	ected : 10%				
Glass Block	5%			LIFE	* *	5	\$400		
Metal Louvers	2%			2027	\$8,200	10	\$1,800		
Parapets									
Masonry: Brick	75%			LIFE	* *	5	\$8,400		
Metal Panel	5%			2044	* *	5	\$2,200		
Metal Rail	20%	Now	\$11,600	2037	* *	5	\$15,900		
	Corrosion/Rusting, Extent: Moderate, Area Affected: 25% Location: Throughout								
	Deteriora	ted Finish,	Extent : Moderate,	Area Afj	fected : 50%				
	Location	ı : Through	out						
Roof									
Modified Bitumen	95%		\$185,000	2032	* *				
	Drains Inad/Misposn, Extent : Moderate, Area Affected : 25% Location : Over Shops								
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15% Location : Penthouse At West Side								
	Water Pen	netration, E	extent : Moderate, A Cker Rooms And Sh		cted : 10%				
Sloped Glazing		•	nt, Extent : Light, A cker Rooms	LIFE rea Affec	* * cted : 20%	5	\$114,100		

Interior

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

Asset #: 140

Architecture		Current Repair		Future Replacement		Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior									
Floors									
Cast in Place Concrete	Location	Crumbling, 1 : Garage	\$39,500 Extent : Moderate d, Extent : Modera			5	\$170,300		
		ı : Garage			33				
Ceramic Tile	10%	Now	\$22,700	2033	* *	5	\$6,000		
		_	ents, Extent : Mod cs Restrooms	erate, Ar	ea Affected : 10%				
Quarry Tile	15%			2037	* *	5	\$27,000		
Vinyl Tile	5%			2024	\$49,700	3	\$3,000		
Vinyl Tile	Location Cracking/	issing Elem ı : Offices	\$14,900 eents, Extent : Mod Extent : Moderate			3	\$2,200		
Interior Walls	Босино	i. Offices							
Ceramic Tile	7%			2033	* *	5	\$3,400		
Concrete Masonry Unit	85%			LIFE	* *	5	\$16,600		
Glass: Single Pane	3%			LIFE	* *	5	\$1,100		
Metal Coiling Doors	5%			2040	* *	5	\$12,200		
Ceilings									
AcousTileSusp.Lay-In	Location Worn/Ero	Discoloring, 1 : Offices	\$28,400 Extent: Severe, A : Light, Area Affec			5	\$6,000		
Exposed Struc: Steel	80%			LIFE	* *				
Gypsum Board	5%			LIFE	* *	5	\$7,500		
Metal Panel	5%			LIFE	* *	5	\$7,500		

ectrical	Current Repair	Future	e Replacement	M	aintenance		
stem Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
der 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2024	\$2,500	5	\$400		
	Other Observation, Extent: Moder	ate, Area Affe	cted : 100%				
	Location : Electrical Room						
	Explanation : Main Service Switc	h Rated @ 20	00 Amperes				
Switchgear / Switchboard							
Fused Disc Sw	75%	2024	\$35,800	5	\$300		
Molded Case Bkrs	25%	2024	\$11,900	5	\$600		
Raceway							
Conduit	100%	2024	\$9,100	1			

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

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

Asset #: 140

Electrical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Panelboards							
Molded Case Bkrs	80%		2023	\$23,400	5	\$1,900	
Molded Case Bkrs	20%		2032	* *	5	\$500	
Wiring Thermoplastic	100%		2024	\$19,900	1		
Motor Controllers							
Locally Mounted	45%		2022	\$28,500	5	\$300	
Locally Mounted	5%	2-4 \$3,200	2044	* *	5		
		led Life, Extent : Moderate, . n : Boiler Room	Area Affec	cted : 100%			
Motor Control Center	50%		2022	\$7,300	5	\$1,200	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$1,300	
ighting							
Interior Lighting							
Fluorescent	60%		2024	\$102,700	10	\$44,000	
	T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : 2nd Floor And Offices						
HID	40%		2019	\$255,500	10	\$1,000	
Egress Lighting							
Emergency, Battery	50%		2019	\$52,700	10	\$9,700	
Exit, Service	50%		2019	\$10,500	1		
Exterior Lighting							
HID	100%		2019	\$329,200	10	\$300	
Alarm							
Fire/Smoke Detection							
No Component	70%						
Generic	30%		2019	\$270,900	1-3	\$16,500	
		ervation, Extent : Moderate n : Hallways	, Area Affe	ected : 100%			
	Explana	tion : Manual Pull Station, A	Alarm Bell	s, Smoke Detectors	r		

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2034	* *	5	\$24,800	
Conversion Equipment						
Hot Water Boiler	100%	2022	\$175,800	1	\$39,600	
	Other Observation, Extent : Light, Area	Affected	: 100%			
	Location : Basement Boiler Room					
	Explanation: 2 Units					

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

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

Asset #: 140

Mechanical		Current I	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	Location Insul. Detection Location Leak Evid	Extent: Man: Boost Pureriorating, and Boiler Roent, Extent	\$39,300 Ioderate, Area Affeumps And Pipings Extent: Moderate, oom And Througho : Severe, Area Affe ion Pump, Ceiling	Area Aff out octed : 5%	fected : 10% 6	4	\$3,900	
Terminal Devices								
Air Handler			\$16,900 t : Severe, Area Aff ker Room, Toilet Ro			1	\$8,900	
Convector/Radiator	10%			2022	\$73,800	1	\$2,600	
Unit Heater-Stm/HW		Now vice, Exten a : Motors,	\$17,700 t : Severe, Area Aff Garage	2024 fected : 2	\$353,400	4	\$5,100	
Air Conditioning								
Energy Source Electricity	100%			2032	* *	1		
Conversion Equipment Int Pkg Unit - Heating/Cooling	20%	Now	\$31,100	2022	\$311,400	2	\$800	
ricumy coomig	Not in Service, Extent: Moderate, Area Affected: 10% Location: For Locker Room, Toilet Room, Penthouse R-22 Refrigerant, Extent: Light, Area Affected: 20% Location: Penthouse							
Window/Wall Unit	8%			2018	\$12,900	1		
No Component	72%				,, - 30	-		
Heat Rejection								
Air Condenser Unit	20%			2024	\$8,700	2	\$11,200	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$44,600	
Exhaust Fans								
Roof	50%			2029	* *	2	\$1,200	
No Component	50%							
Plumbing								
H/C Water Piping	50c:			2024	ماء ماء	1		
Brass/Copper	50%			2034	* *	1		
Galv Iron/Steel	50%			2029	* *	1		
Water Heater Gas Fired	100%			2023	\$18,200	2	\$1,200	

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

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

Mechanical	Current R	epair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Sanitary Piping							
Cast Iron	100% Now	\$3,400	LIFE	* *	1		
	Blockage /Clogged, Ex	ctent : Severe, Are	a Affecte	d : 5%			
	Location : Water Ba	ckup From Sewag	e At Boile	er Room			
	Leak Evident, Extent :	Severe, Area Affe	cted : 2%	Ó			
	Location : Leaking T	. 55					
Storm Drain Piping							
Cast Iron	100% Now	\$2,200	LIFE	* *	1		
	Leak Evident, Extent :	Severe, Area Affe	cted : 2%	Ó			
	Location : Leaking T	o 2nd Floor Lock	er Room .	From Penthouse			
Fixtures							
Generic	100%						
Fire Suppression							
Standpipe							
Generic	100%		2034	* *	1-5	\$40,400	
Sprinkler							
Generic	100%		2024	\$912,600	1-2	\$22,400	

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Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : MANHATTAN 3/3A GARAGE

Address : PIERS 36 - 299 SOUTH STREET BET CLINTON & MONTGOMERY STS.

Borough : MANHATTAN Agency's Number : N/A

Date of Survey : 13-May-2015 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 241 Lot : 13 BIN : 1078939

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$2,527,400	\$343,300
Interior Architecture	\$477,300	\$442,100
Electrical		\$306,700
Mechanical	\$83,200	\$208,100
Total	\$3,087,800	\$1,300,200
Importance Code A	\$2,527,400	\$512,400
Importance Code B	\$560,500	\$742,000
Importance Code C		\$45,900
Total	\$3,087,800	\$1,300,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$13,400			
Interior Architecture		\$20,300	\$9,300	
Electrical	\$22,300	\$6,100	\$3,200	\$7,000
Mechanical	\$21,000	\$23,800	\$33,900	\$47,400
Total	\$56,800	\$50,200	\$46,400	\$54,300
Importance Code A	\$16,800	\$7,000	\$7,000	\$7,400
Importance Code B	\$39,900	\$43,200	\$30,100	\$47,000
Importance Code C			\$9,300	
Total	\$56,800	\$50,200	\$46,400	\$54,300



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

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

Asset #: 2403

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	45%	Now	\$428,900	LIFE	* *	5	\$33,300	
			: Moderate, Area	Affected	: 25%			
		ı : Through						
			l, Extent : Moderat	te, Area A	Affected : 25%			
		ı : Through						
	_		t, Extent : Severe, .	Area Affe	ected : 25%			
			ıck Entrances					
			, Extent : Moderat	e, Area A	Affected : 50%			
		ı : Through						
			xtent : Moderate, A	Area Affe	ected : 20%			
		n : North En						
			on Of Pier Is Occup					
Fiberglass Panel	20%			2035	**	5	\$88,900	
Metal Panel	20%		** ********	2046	* *	5-10	\$162,900	_
Metal Coiling Doors	15%		\$394,000	2039	**	5	\$27,800	1
			ts, Extent : Modera	ate, Area	Affected: 25%			
		n : West Fac		4	ACC . 1 250/			
		issing Eiem 1 : West Fac	ents, Extent : Seve	re, Area	Ајјестеа : 25%			
				a Affaata	1.500/			
		ı/Kusung, E 1 : West Fac	xtent : Severe, Ared	а Ајјесте	a : 50%			
Windows	Locuitor	i. Wesi i do	uue					
Aluminum	95%			2042	* *	5	\$53,500	
Metal Louvers	5%			2035	* *	10	\$17,600	
Parapets	2,0						Ψ17,000	
Metal Panel	95%			2046	* *	5	\$189,800	
Metal Rail	5%		\$13,400	2031	* *	5	\$18,300	
	Corrosion	/Rusting, E	xtent : Moderate, A	Area Affe	cted : 25%			
	Location	n : At Walki	ng Bridges Over Ro	oof				
Roof								
Built-Up (BUR)	65%	0-2	\$1,242,600	2036	* *			
	Drains In	ad/Misposn	, Extent : Moderate	e, Area A	ffected : 25%			
	Location	า : Over Lui	ich Room, Garage					
			xtent : Moderate, A					
	Location	ı : Lunch R	oom, Second Floor	· Corrido	r, Garage			
Skylight, Plastic	5%	Now	\$192,600	2039	* *	1		
	Water Per	netration, E	xtent : Light, Area	Affected	: 5%			
	Location	ı : Through	out					
Spray-on Foam	30%			2034	* *	5	\$171,000	
			ent, Extent : Light,		ected : 100%		, , ,	
			ised Space At Nort					
terior								

Interior

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

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

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

Asset #: 2403

			e Replacement		aintenance	
% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
70% Now			* *	5	\$360,900	
		, Area Aj	ffected : 20%			
Drains Clogged, Exte	ent : Moderate, Are	a Affecte	ed : 50%			
Location: Garage	Floor					
Worn/Eroded, Extent	: Moderate, Area	Affected	: 25%			
Location : Garage	Floor					
30%		2035	* *	5	\$70,700	
5%		LIFE	* *			
13%		2035	* *	5	\$18,600	
80%		LIFE	* *	5	\$45,900	
2%		LIFE	* *	5	\$2,200	
10% Now	\$106,800	2039	* *	5	\$16,900	
_		re, Area	Affected : 5%			
Water Penetration, E	Extent : Severe, Ared	a Affecte	d : 15%			
Location: Lunch R	oom, Second Floor	Corrido	r			
15%		2039	* *	5	\$40,500	
	Extent : Moderate, A		cted : 5%		4	
		33				
70%		LIFE	* *			
	Extent : Moderate A		cted : 10%			
		LIFE	* *	5	\$16,900	
_	70% Now Cracking/Crumbling. Location: Garage: Location: Garage: Location: Garage: Worn/Eroded, Extent Location: Garage: 30% 5% 13% 80% 2% 10% Now Broken/Missing Elen Location: Lunch R Water Penetration, E Location: Lunch R Location: Second II 70%	Total (Years) 70% Now \$335,100 Cracking/Crumbling, Extent: Moderate Location: Garage Floor Drains Clogged, Extent: Moderate, Area Location: Garage Floor Worn/Eroded, Extent: Moderate, Area Location: Garage Floor 30% 5% 13% 80% 2% 10% Now \$106,800 Broken/Missing Elements, Extent: Sever Location: Lunch Room Water Penetration, Extent: Severe, Area Location: Lunch Room, Second Floor 15% Water Penetration, Extent: Moderate, A Location: Second Floor Corridor 70% Water Penetration, Extent: Moderate, A Location: Garage	Total (Years) FY 70% Now \$335,100 LIFE Cracking/Crumbling, Extent: Moderate, Area A Location: Garage Floor Drains Clogged, Extent: Moderate, Area Affected Location: Garage Floor Worn/Eroded, Extent: Moderate, Area Affected Location: Garage Floor 30% 2035 5% LIFE 13% 2035 80% LIFE 2% LIFE 10% Now \$106,800 2039 Broken/Missing Elements, Extent: Severe, Area Location: Lunch Room Water Penetration, Extent: Severe, Area Affected Location: Lunch Room, Second Floor Corridor 15% 2039 Water Penetration, Extent: Moderate, Area Affected Location: Second Floor Corridor 70% LIFE Water Penetration, Extent: Moderate, Area Affected Location: Garage	Total (Years) FY 70% Now \$335,100 LIFE ** Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Garage Floor Drains Clogged, Extent: Moderate, Area Affected: 50% Location: Garage Floor Worn/Eroded, Extent: Moderate, Area Affected: 25% Location: Garage Floor 30% 2035 ** LIFE ** 13% 2035 ** 80% LIFE ** 10% Now \$106,800 2039 ** Broken/Missing Elements, Extent: Severe, Area Affected: 5% Location: Lunch Room Water Penetration, Extent: Severe, Area Affected: 15% Location: Lunch Room, Second Floor Corridor 15% 2039 ** Water Penetration, Extent: Moderate, Area Affected: 5% Location: Second Floor Corridor To% LIFE ** Water Penetration, Extent: Moderate, Area Affected: 10% Location: Garage	Total (Years) FY (Yrs) 70% Now \$335,100 LIFE ** 5 Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Garage Floor Drains Clogged, Extent: Moderate, Area Affected: 50% Location: Garage Floor Worn/Eroded, Extent: Moderate, Area Affected: 25% Location: Garage Floor 30% 2035 ** 5 5% LIFE ** 13% 2035 ** 5 80% LIFE ** 5 2W LIFE ** 5 LIFE ** 5 LIFE ** 5 LIFE ** 5 Water Penetration, Extent: Severe, Area Affected: 15% Location: Lunch Room, Second Floor Corridor 15% 2039 ** 5 Water Penetration, Extent: Moderate, Area Affected: 5% Location: Second Floor Corridor 70% LIFE ** Water Penetration, Extent: Moderate, Area Affected: 10% Location: Garage	Total (Years)

Electrical	Current Repair	Future f	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2036	* *	5	\$700	
	Other Observation, Extent: Modera	te, Area Affecte	ed : 100%			
	Location : Electrical Room					
	Explanation: One 2000 Amps Ma	in Disconnect S	Switch			
Transformers						
Dry Type	100%	2031	* *	5	\$600	
	Other Observation, Extent: Modera	te, Area Affecte	ed : 100%			
	Location : Electrical Room					
	Explanation : 112.5kva					
Switchgear / Switchboard						
Fused Disc Sw	100%	2036	* *	5	\$700	
Raceway						
Conduit	100%	2036	* *	1		

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

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

Asset #: 2403

Electrical	Current Repair	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nder 600 Volts							
Panelboards							
Molded Case Bkrs	100%	2034	* *	5	\$4,500		
Wiring							
Thermoplastic	100%	2036	* *	1			
Motor Controllers							
Locally Mounted	10%	2031	* *	5	\$100		
Motor Control Center	90%	2031	* *	5	\$4,200		
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$2,500		
	Other Observation, Extent : Moderate	, Area Affecte	d : 100%				
	Location: Water Main						
	Explanation : Meter Room						
ighting							
Interior Lighting							
Fluorescent	65%	2034	* *	10	\$93,900		
	Other Observation, Extent: Moderate	, Area Affecte	d : 100%				
	Location: Throughout						
	Explanation: Using T-8 Lamps						
Fluorescent	5%	2034	* *	10	\$7,200		
	Other Observation, Extent : Moderate	, Area Affecte	d: 100%				
	Location: Stairway						
	Explanation: Compact Fluorescent	Lamps					
HID	30%	2034	* *	10	\$1,500		
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location : Garage						
	Explanation : High Pressure Sodium	ı					
Egress Lighting	r						
Emergency, Battery	50%	2026	\$103,700	10	\$19,000		
Exit, Service	50%	2026	\$20,700	1	417,000		
Exterior Lighting	20,0		Ψ=0,700				
HID	100%	2031	* *	10	\$500		
Alarm	10070	2031			Ψ5.00		
Security System							
No Component	80%						
Generic	20% Now \$20,400	2026	\$101,900	1	\$11,600		
Generic	Other Observation, Extent: Moderate			1	Ψ11,000		
	Location: Entrance, Fuel Pump, All						
	Explanation: Eight Cameras - Three						
Fire/Smoke Detection	Explanation . Light Cameras - Three	oj mem 110	HUIKIII				
No Component	80%						
Generic, Analog	20%	2031	* *	1-3	\$21,300		
Generic, Analog	2U/0	2031		1-2	ΨΔ1,300		

Mechanical	Cur	ent	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Total (Ye		Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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

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

Asset #: 2403

Mechanical		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating									
Energy Source Natural Gas	100%			2036	* *	1			
Conversion Equipment	100%			2030		1			
Furnace	90%	0-2	\$3,400	2026	\$169,100	1	\$63,100		
Tunace			nt : Severe, Area A			1	ψ05,100		
	-	_	ture Control Panel	-					
		-	Extent : Light, Area						
		: Through	-						
	Explanat	ion : 20 U	nits						
No Component	10%								
Terminal Devices									
Air Handler	20%			2036	* *	1	\$19,500		
	Recent Inst	tallation, E	Extent : Light, Area	Affected	! : 100%				
	Location	: 3 Units							
No Component	80%								
Air Conditioning									
Energy Source									
Electricity	100%			2034	* *	1			
Conversion Equipment						_	44.000		
Exterior Pkg Unit -	20%			2031	* *	2	\$1,900		
Cooling Window/Wall Unit	1.50/			2021	¢ 47, 400	1			
No Component	15% 65%			2021	\$47,400	1			
Heat Rejection	03/0								
Remote Air Cond	15%			2031	* *	2	\$16,500		
No Component	85%			2031		_	Ψ10,500		
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$87,800		
Exhaust Fans									
Roof	100%			2031	* *	2	\$4,800		
Plumbing									
H/C Water Piping	4006:			2015	* *				
Brass/Copper	100%			2046	**	1			
Water Heater Gas Fired	1,000/			2021	¢25 000	2	¢2 200		
	100%			2021	\$35,800	2	\$2,300		
Sanitary Piping Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping	10070			LIIL		1			
Cast Iron	100%			LIFE	* *	1			
Backflow Preventer	10070			EH E					
Generic	100%			2031	* *	1	\$9,600		
Fixtures							, , , , , , ,		
Generic	100%								
Fire Suppression									
Standpipe									
Generic	100%			2036	* *	1-5	\$82,300		

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

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

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DEPARTMENT OF SANITATION - 827 MANHATTAN 3/3A GARAGE

Mechanical	Current Re	epair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression							
Sprinkler							
Generic	100%		2036	* *	1-2	\$44,100	
Fire Pump							
Generic	100%		2029	* *	1	\$29,400	

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Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : MANHATTAN 4, 4A, 7 GARAGE

Address : 650 WEST 57TH ST.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOS0069.000 / 14765 Yr Built/Renovated : 2013 /

Area Sq Ft : 419,702 Project Type : SANITATION

Date of Survey : 20-Jun-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors G,GI,2,2I,3,3I,4,4I

Block : 1104 Lot : 1 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$568,800	\$1,641,400
Interior Architecture	\$2,023,400	\$800,700
Electrical		\$146,900
Mechanical	\$104,000	\$213,700
Total	\$2,696,300	\$2,802,800
Importance Code A	\$568,800	\$1,641,400
Importance Code B	\$1,726,900	\$938,800
Importance Code C	\$400,600	\$222,600
Total	\$2,696,300	\$2,802,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$79,100	\$14,400		
Interior Architecture	\$61,000		\$33,500	
Electrical	\$23,000	\$17,600	\$16,800	\$16,800
Mechanical	\$105,000	\$74,300	\$96,400	\$105,700
Elevators/Escalators	\$24,700	\$24,700	\$24,700	\$24,700
Total	\$292,800	\$130,900	\$171,300	\$147,200
Importance Code A	\$79,100	\$14,400		\$12,500
Importance Code B	\$198,800	\$116,500	\$161,400	\$134,800
Importance Code C	\$14,900		\$9,900	
•				



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

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

Asset #: 14765

Architecture		Current I	Repair	Future Replacement Maintenance		М	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Metal/Glass Curt Wall	23%			LIFE	* *	5	\$449,400		
Metal Panel	3%			2053	* *	5-10	\$107,500		
Metal Sect. OHD	5%			2044	* *	5	\$81,400		
Granite Panels	4%			LIFE	* *	5	\$31,300		
Pre-Cast Concrete	64%	4+	\$215,300	LIFE	**	5	\$1,083,700		
	_	_	Extent : Light, Are	ea Affect	ed : 20%				
		ı : All Faca	des						
Weathering Steel	1%			LIFE	* *	1			
Windows									
Aluminum	90%		\$8,800	2049	* *	5	\$5,400		
			ents, Extent : Seve	re, Area	Affected : 2%				
	Location	a : 4th Floo	r Garage						
Metal Louvers	10%			2036	* *	10	\$7,500		
Parapets									
Concrete Masonry Unit	80%			LIFE	* *	5-10	\$111,000		
Metal Rail	8%			2044	* *	5-10	\$36,600		
Pre-Cast Concrete	12%			LIFE	* *	5	\$38,200		
Roof									
IRMA/Protected	15%	4+	\$6,300	2035	* *				
Membrane									
			Extent : Light, Are	ea Affect	ed : 5%				
			l Roof - 4th Floor						
			Extent : Light, Ared l Roof - 4th Floor	a Affecte	d : 100%				
Metal Panel	3%			2044	* *	10	\$14,700		
Wictar Faller		ervation. F	Extent : Light, Area		: 100%	10	Ψ11,700		
		ı : Main Ro	_	55					
			, rial Actually Metal	Grilles 2	Atop Emergency V	entilation	n Shafts		
Modified Bitumen	80%			2035	**	10	\$214,100		
Skylight, Plastic	2%			2044	* *	1	Ψ214,100		
Interior Skylight, Flastic	270			2011					
Floors									
Cast in Place Concrete	20%			LIFE	* *	5	\$549,700		
Ceramic Tile	8%	4+	\$19,000	2040	* *	5	\$25,100		
			: Light, Area Affec		%		420, 100		
		ı : Public C	-						
Sheet Vinyl/Rubber	5%			2035	* *	5	\$47,100		
Traffic Topping	67%	2-4	\$254,900	2035	* *	5	\$263,100		
Traine Topping			Extent : Light, Are			5	Ψ203,100		
	_	_	Broom Garages	rijjeen	. 20/0				

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

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

Asset #: 14765

Architecture		Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	\$165,600	
Ceramic Tile	3%			2040	* *	5	\$19,900	
Concrete Masonry Unit	29%			LIFE	* *	5	\$153,700	
Concrete Masonry Unit	55%	4+	\$158,100	LIFE	* *	5	\$145,700	
·		Int Mortar Miss/Erod, Extent : Light, Area Affected : 15% Location : M4 Garage - West Elevation						
			Extent : Light, Are		ed : 20%			
	U	: Through	0 .	35				
Glass: Single Pane	3%			LIFE	* *	5	\$29,800	
Ceilings								
AcousTileSusp.Lay-In	13%			2044	* *	5	\$80,500	
Exposed Struc: Steel	85%			LIFE	* *	10	\$1,052,900	
Gypsum Board	2%			LIFE	* *	5-10	\$42,600	

System	% of						Maintenance	
Component Type	Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2057	* *	5	\$1,800	
	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Ground	Floor And Ground	Floor In	termediate			
		tion : Seven sconnect Sv	. 4000 Amps, Three vitch	3000 Aı	mps, Thee 2000 Am	ips And I	Four 1200 Amps	
Switchgear / Switchboard								
Fused Disc Sw	100%			2057	* *	5	\$1,800	
Raceway								
Conduit	100%			2057	* *	1		
Panelboards								
Fused Disc Sw	10%			2052	* *	5	\$1,000	
Molded Case Bkrs	90%			2052	* *	5	\$9,900	
Wiring								
Thermoplastic	100%			2057	* *	1		
Motor Controllers								
Locally Mounted	10%			2047	* *	5	\$300	
Motor Control Center	90%			2047	* *	5	\$10,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$12,300	
Stand-by Power							•	
Transfer Switches								
Automatic	100%			2047	* *	1	\$129,100	
Lighting							•	

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

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

Asset #: 14765

Electrical	Curre	nt Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Da Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	25%		2037	* *	10	\$96,200	
	T-8 Lamps And Fi	ixtures, Extent : Moder	ate, Are	a Affected : 100%			
	Location : Offic	es, Hallway, Staircases	s And Lo	cker Room			
HID	75%		2037	* *	10	\$10,200	
Egress Lighting							
Emergency, Battery	50%		2037	* *	10	\$50,700	
Exit, Service	50%		2037	* *	1		
Exterior Lighting							
HID	100%		2037	* *	10	\$1,300	
Lightning Protection							
Arresters/Cabling							
Generic	100%		2067	* *	5	\$12,300	
Alarm							
Security System							
No Component	90%						
Generic	10%		2037	* *	1	\$15,700	
Fire/Smoke Detection							
No Component	90%						
Generic, Digital	10%		2037	* *	1-3	\$25,900	

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Utility Steam	100%		2047	* *	1			
Conversion Equipment								
Pres. Reducing Valve/LP	100%		2036	* *	5	\$24,900		
Steam								
Distribution								
Steam Piping/Pump	100%		2053	* *	4	\$20,700		
Terminal Devices								
Air Handler	5%		2037	* *	1	\$13,000		
Convector/Radiator	5%		2044	* *	1	\$6,800		
Fan Coil Unit/Heat	90%		2035	* *	1	\$122,000		
Air Conditioning								
Energy Source								
Electricity	100%		2052	* *	1			
Conversion Equipment								
Absorption	40%		2040	* *	1	\$181,700		
Chiller/Steam/HW								
No Component	60%							
Terminal Devices								
Fan Coil - Cooling	40%		2035	* *	1	\$54,200		
No Component	60%							

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

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

Mechanical	Current Repair	Future Rep	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$370,500	
Exhaust Fans						
Roof	100%	2037	* *	2	\$12,900	
Plumbing						
H/C Water Piping	1000/	2055	ale ale			
Brass/Copper	100%	2057	* *	1		
HW Heat Exchanger	100-1	-0	ale ale			
HTHW/HW	100%	2057	* *			
Sanitary Piping	1000/		ale ale			
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	1000/	2022	Φ < # 00		Φ2. 7.00	
Submersible	100%	2022	\$6,500	4	\$2,500	
Sewage Ejector(s)	1000/	2027	* *	4	Ф1 600	
Electric	100%	2037	* *	4	\$1,600	
Backflow Preventer	1000/	2027	ale ale		Φ 25 7 00	
Generic	100%	2037	* *	1	\$25,700	
Fixtures	1000/					
Generic	100%					
Vertical Transport						
Elevators	600/	LIEE	* *			
Geared Traction	60%	LIFE				
	Other Observation, Extent: Light	t, Area Affectea : 00%)			
	Location: 3 Unit (B-4)					
	Explanation: 3 Units					
Hydraulic	40%	LIFE	* *			
	Other Observation, Extent: Light	t, Area Affected : 40%				
	Location: 2 Units (G-3)					
	Explanation: 2 Units					
Fire Suppression						
Standpipe	1000/	2057	ala ele	1.5	#210 100	
Generic	100%	2057	* *	1-5	\$219,400	
Sprinkler	1000/	2075			0115 500	
Generic	100%	2057	* *	1-2	\$117,600	
Fire Pump	1000/	20.42			Φ = 0.400	
Generic	100%	2042	* *	1	\$78,400	

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

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

Page: 180

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : MANHATTAN 8 GARAGE (FORMER INCINERATOR)

Address : 341 WEST 215 STREET @ NINTH AVE.

Borough : MANHATTAN Agency's Number : N/A

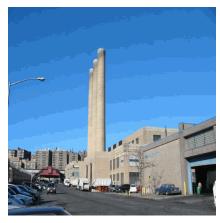
Date of Survey : 04-Jun-2013 Landmark Status : NONE

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

Block : 2196 Lot : 1 BIN : 1064485

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$4,055,300	\$324,900
Interior Architecture	\$3,215,400	\$499,600
Electrical	\$468,300	\$141,800
Mechanical	\$335,800	\$418,700
Total	\$8,074,800	\$1,385,000
Importance Code A	\$4,055,300	\$324,900
Importance Code B	\$2,895,300	\$1,060,100
Importance Code C	\$1,124,200	
Total	\$8,074,800	\$1,385,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture		\$29,300	\$2,400	
Interior Architecture	\$36,200			\$1,700
Electrical	\$10,400	\$18,400		
Mechanical	\$36,300	\$50,700	\$7,400	\$8,800
Total	\$82,900	\$98,400	\$9,900	\$10,500
Importance Code A	\$5,600	\$35,700	\$8,000	\$5,600
Importance Code B	\$42,800	\$62,700	\$1,800	\$4,900
Importance Code C	\$34,400			
Total	\$82,900	\$98 400	000 02	\$10 500



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

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

rchitecture		Current Repair			Future Replacement		Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
kterior									
Exterior Walls									
Cast Stone/Terra Cotta	Location	Crumbling, i : Through	\$355,500 Extent : Severe, A out derate, Area Affect			5	\$67,000	1	
		: Through							
		r Miss/Eroo ı : Through	l, Extent : Severe, A out	Area Affe	ected : 50%				
Masonry: Brick	_		\$808,100 Extent : Severe, A out	LIFE rea Affec	* * rted : 15%	5	\$137,100	1	
		Cracks, Ex 1 : Corners	tent : Severe, Area	Affected	: 20%				
		r Miss/Eroo : Through	l, Extent : Moderai out	te, Area A	Affected : 50%				
	_	asonry Sup a: Through	t, Extent : Modera out	te, Area I	Affected : 25%				
Masonry: Granite			\$99,000 l, Extent : Severe, A Base	LIFE Area Affe	* * ected : 50%	5	\$6,400		
Metal Sect. OHD	Location	servation, E a : Through			* * d : 50%	5	\$26,800		
Windows	Explana	tion : Broke	en/missing Element	ts					
Windows Aluminum	20%			2040	* *	5	\$4,800		
Steel	80%	Now	\$986,000	2040	* *	5	\$120,800	1	
Sicci	Bent/Warp Location	oed Elemen 1 : Through	ts, Extent : Severe,	Area Afj		J	\$120,000	•	
	Location: Throughout								
		roken/Crac ı : Through	ked, Extent : Sever out	e, Area A	Affected : 75%				

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

Asset #: 13643

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior								
Parapets	100/ 37	Φ42. 5 00	T TEE	ale ale	~	ФО 100		
Cast Stone/Terra Cotta	10% Now Cracking/Crumbling, Location: Coping Crazing, Extent: Sev Location: Through	ere, Area Affected		* * ed : 25%	5	\$9,100	1	
	Jnt Mortar Miss/Eroc Location : Coping		Area Affec	ted : 100%				
Masonry: Brick	90% Now Cracking/Crumbling, Location: Through Diagonal Cracks, Ex	out			5	\$10,500	1	
	Location: Corners Vertical Cracks, Exte Location: Through	ent : Severe, Area A						
Roof								
Built-Up (BUR) Built-Up (BUR)	25% 70% Now Blisters, Extent: Seve Location: Through		2029 2034 : 50%	* *	10	\$29,300	1	
	Water Penetration, E Location: Garage Worn/Eroded, Extent Location: Through	xtent : Severe, Ared Area : : Severe, Area Affa						
Skylight, Metal/Glass	5% Now Broken/Missing Elem Location: Main Roo		2054 re, Area A	* * ffected : 50%			1	
	Corrosion/Rusting, E Location : Main Roo		a Affected	: 50%				
Interior								
Floors Cast in Place Concrete	83% Now Cracking/Crumbling, Location : Through Worn/Eroded, Extent Location : Through	out : Moderate, Area	, Area Aff		5	\$252,500		
Ceramic Tile	5%		2027	\$131,600	5	\$7,000		
Steel Plate	2% Now Corrosion/Rusting, E Location: Stairs Uneven Surface, Exte Location: Stairs				1			
Vinyl Tile			2024	\$115.500	3	\$7.000		
Vinyl Tile	10%		2024	\$115,500	3	\$7,000		

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

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

Asset #: 13643

Architecture	Current	Current Repair Future Re		e Replacement	ement Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nterior								
Interior Walls Cast in Place Concrete	25% Now Cracking/Crumbling Location : Old Inci Vertical Cracks, Exte Location : Old Inci	nerator Area ent : Severe, Area A						
Concrete Masonry Unit	10% Now Vertical Cracks, External Control Cont	\$34,400	LIFE a Affecte	* * d : 10%	5	\$6,400		
Masonry: Brick	40% Now Staining/Discoloring Location: Through Vertical Cracks, Exte Location: Multiple	out ent : Moderate, Are						
SGFT/Glazed Masonry	25% Now Diagonal Cracks, Ex Location: Near Re	\$150,100 etent : Moderate, Ar	LIFE rea Affect	* * ed : 10%				
Ceilings Exposed Concrete	50% Now Cracking/Crumbling Location: Garage Spalling, Extent: Mo Location: Garage Water Penetration, E Location: Garage	Area oderate, Area Affect Area Extent : Moderate, A	ted : 20%	;	5	\$10,900		
Exposed Struc: Steel	35% Now Corrosion/Rusting, E Location: Garage Staining/Discoloring Location: Garage	Area , Extent : Moderate						
Plaster	15% Now Cracking/Crumbling Location: Through Water Penetration, E Location: Office	out			5	\$13,000		

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				
Service Equipment				
Molded Case Bkrs	100%	2034 **	5 \$1,500	
	Other Observation, Extent: Moderate	, Area Affected : 100%		
	Location: Boiler Room			
	Explanation : Main Service Switch R	ated @ 400 Amperes		

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

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

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

Asset #: 13643

Electrical		Current Repair Future Replacement		M				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard	1000/			2024	de de	_	4. 700	
Molded Case Bkrs	100%			2034	* *	5	\$1,500	
Raceway Conduit	100%			2024	\$46,000	1		
Panelboards	100%			2024	\$46,900	1		
Molded Case Bkrs	100%			2023	\$94,900	5	\$1,500	
Wiring	10070			2023	Ψ21,200		Ψ1,200	
Braided Cloth	80%	2-4	\$43,100	2049	* *	1		
	Insulation	Aged, Exte	ent : Moderate, Are	a Affecte	ed : 100%			
	Location	: Through	out The Building					
Thermoplastic	20%			2024	\$10,800	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$800	
Lighting								
Interior Lighting	200/			2010	¢20.100	10	¢15 coo	
Fluorescent	30%	varvation I	Extent : Moderate, A	2019	\$29,100	10	\$15,600	
			out The Building	неи Аује	естей . 100/0			
		tion : T-12						
Fluorescent	10%		\$9,700	2034	* *			
Tuorescent			Extent : Moderate, A		ected : 100%			
			out The Building	33				
	Explana	tion : T-12	Lamps Not Functio	oning				
HID	60%			2019	\$67,600	10	\$1,100	
Exterior Lighting								
HID	100%			2019	\$209,600	10	\$200	
Lightning Protection								
Arresters/Cabling	100		4440000	2051		_	Φ	
Generic	100%	Now	\$118,900	2064	**	5	\$800	
		ervation, E 1 : Stacks	Extent : Moderate, A	Area Affe	ectea : 100%			
		ı : Stacks tion : Not I	n Camica					
	Ехріапа	uon . NOl I	n service					

Mechanical	Current Repair	Future R	eplacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2034	* *	5	\$17,600	
Conversion Equipment						
Steam Boiler	100%	2037	* *	1	\$56,300	
	Other Observation, Extent: Light, Area	Affected: 10	00%			
	Location : Boiler Room					
	Explanation: 1 Unit					

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

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

Asset #: 13643

Mechanical		Current Repair		Futur	e Replacement	Ma		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Distribution Steam Piping/Pump			\$206,000 vere, Area Affected	2034 d:70%	* *	4	\$2,800	
	Leak Evide Location Steam Trap	: Boiler Ro	Severe, Area Affe om And Througho xtent : Severe, Arc	ut				
Terminal Devices								
Convector/Radiator	20%			2022	\$104,600	1	\$3,700	
Unit Heater-Stm/HW	30%	Now	\$3,100	2019	\$62,000	4	\$1,600	
			: Severe, Area Aff · Locker Room	ected : 1	5%			
No Component	50%							
Air Conditioning Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	\$11,400	1		
No Component	90%							
Ventilation								
Exhaust Fans	500 /			2010	\$67.900	2	\$000	
Roof Wall Unit	50% 10%	Now	\$1,700	2019 2019	\$67,800 \$8,400	2 2	\$900 \$100	
wan Omt			\$1,700 tent : Moderate, A			Z	\$100	
			Mechanical Repai		cica : 1370			
			=		anical Repair Area			
No Component	40%	on . Each c	of the venituation	in meen	тей Керин Птей			
Plumbing	40%							
H/C Water Piping	200/			2034	* *	1		
Brass/Copper Galv Iron/Steel	30% 70%	Now	\$11,600	2034	\$116,000	1 1		
Garv Holl/Steel			oderate, Area Affe			1		
		: Througho		cica . 20	<i>,</i> 0			
Water Heater								
Gas Fired	100%			2019	\$12,900	2	\$800	
Sanitary Piping				/	÷ - ,> 00		4000	
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2019	\$5,400	1	\$3,500	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe	1000			0001	#100 100	1.5	000 500	
Generic	100%			2024	\$198,100	1-5	\$29,700	

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

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

DEPARTMENT OF SANITATION - 827 MANHATTAN 8 GARAGE (FORMER INCINERATOR)

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : MANHATTAN BOROUGH REPAIR SHOP

Address : 640 W. 26 ST @12TH AVENUE

Borough : MANHATTAN Agency's Number : S214-232 Program / Asset # : DOS0058.000 / 4517 Yr Built/Renovated : 1994 /

Area Sq Ft : 205,215 Project Type : SANITATION

Date of Survey : 03-Jun-2013 Landmark Status : NONE

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

Block : 670 Lot : 50 BIN : 1012267

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,344,700	\$391,100
Interior Architecture		\$362,500
Electrical		\$1,817,700
Mechanical		\$93,600
Total	\$1,344,700	\$2,664,900
Importance Code A	\$1,344,700	\$391,100
Importance Code B		\$2,233,700
Importance Code C		\$40,100
Total	\$1,344,700	\$2,664,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$68,300	\$53,100	\$3,400	
Interior Architecture	\$75,200		\$382,200	
Electrical	\$13,200	\$14,000	\$12,100	\$13,200
Mechanical	\$27,300	\$51,500	\$47,300	\$26,700
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$195,900	\$130,500	\$456,800	\$51,700
Importance Code A	\$78,100	\$63,300	\$13,100	\$9,700
Importance Code B	\$117,800	\$67,200	\$443,700	\$42,000
Importance Code C				
Total	\$195,900	\$130,500	\$456,800	\$51,700



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

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

Asset #: 4517

Architecture	С	urrent Re	epair	Futur	e Replacement	М	aintenance		
System Component Type		nil Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick		Now	\$106,800	LIFE	* *	5	\$72,500		
	Expansion In Location : \		Extent : Modera ude	te, Area I	Affected : 5%				
Metal Panel	15%			2044	* *	5-10	\$115,000		
Metal Sect. OHD	10%	Now	\$34,000	2037	* *	5	\$17,400		
	Other Observation, Extent : Moderate, Area Affected : 10% Location : North Facade								
	Explanation	n : Broken	/missing Element	s					
Window Wall	10%			2044	* *	5	\$41,800		
Windows									
Aluminum	40%			2040	* *	5	\$6,800		
Metal Louvers	60%			2033	* *	10	\$63,400		
Parapets									
Masonry: Brick	95%			LIFE	* *	5	\$8,100		
Metal Panel	5%			2044	* *	5	\$1,600		
Roof									
Built-Up (BUR)		Now	\$482,200	2034	* *				
	Expansion Int Failure, Extent: Moderate, Area Affected: 15%								
			Repair Shop						
	_		_	erate, Ar	ea Affected : 20%				
		-	Repair Shop						
	Water Penetr Location : 0		tent : Moderate, A uir Shop	rea Affe	cted : 10%				
Metal Panel	35% 1	Now	\$755,700	2044	* *			1	
			tent : Severe, Ared		d : 25%				
	Location : (_		55					
			tent : Moderate, A	rea Affe	cted : 30%				
	Location : 0			33					
Paver: Asphalt		Now	\$34,300	2027	\$171,500				
T w verv T ispinare					ea Affected : 10%				
	Location : (_	,	33				
			tent : Moderate, A	rea Affe	cted : 10%				
	Location : (33 -					

Interior

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

Asset #: 4517

Architecture		Current l	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	20%	Now	\$15,800	2037	* *	5	\$14,700	
	Cracking/Crumbling, Extent: Moderate, Area Affected: 15%							
	Location : Parking Area Over Third Floor							
	Worn/Eroded, Extent: Moderate, Area Affected: 20%							
	Location	ı: Parking	Area Over Third F	loor				
Carpet	10%			2020	\$367,500	3	\$44,200	
Cast in Place Concrete	10%	Now	\$29,900	LIFE	* *	5	\$64,500	
	Cracking/Crumbling, Extent: Moderate, Area Affected: 15%							
	Location	ı : Stock Ro	oom In 1m					
Cast in Place Concrete	40%			LIFE	* *	5	\$258,000	
Ceramic Tile	20%			2033	* *	5	\$59,000	
Interior Walls								
Concrete Masonry Unit	78%			LIFE	* *	5	\$40,100	
Glass: Single Pane	2%			LIFE	* *	5	\$1,900	
Gypsum Board	15%			LIFE	* *	5	\$11,600	
Masonry: Brick	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2037	* *	5	\$59,000	
Exposed Struc: Steel	80%			LIFE	* *			
-	Water Per	netration, E	Extent : Moderate, A	Area Affe	ected : 20%			
	Location	1: Parking	Area Over Third F	loor, Re	pair Shops			

ectrical	Current Repair	Future Repl	acement	M		
stem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
ler 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2034	* *	5	\$900	
	Other Observation, Extent : Mode Location : Electrical Room	erate, Area Affected :	100%			
	Explanation : Main Service Disc	connect Switch Rated	@ 4000 Am	peres		
Transformers						
Dry Type	100%	2029	* *	5	\$800	
	Other Observation, Extent : Mode	erate, Area Affected :	100%			
	Location: Boiler Room					
	Explanation : 75 Kva, 480/208/	120 Volts				
Switchgear / Switchboard						
Fused Disc Sw	100%	2034	* *	5	\$900	
Raceway						
Conduit	100%	2034	* *	1		
Panelboards						
Fused Disc Sw	5%	2032	* *	5	\$200	
Molded Case Bkrs	95%	2032	* *	5	\$5,100	
Wiring					•	
Thermoplastic	100%	2034	* *	1		

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

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

Asset #: 4517

Electrical	Current Repair	Future I	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%	2029	* *	5	\$1,400			
Ground								
Grounding Devices	1000/		de de	_	Φ2.000			
Generic	100%	LIFE	* *	5	\$3,000			
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Sprinkler / Standpipe Room Explanation : Connected To Main Water Pipe							
Stan d has Dansen	Explanation : Connected 16	Main water Pipe						
Stand-by Power Transfer Switches								
Automatic	100%	2029	* *	1	\$63,100			
Lighting	100/0	2027			ψ05,100			
Interior Lighting								
Fluorescent	30%	2032	* *	10	\$54,200			
114616500110	T-5 Lamps And Fixtures, Exte		Affected: 100%	10	ФС ., _ 00			
	Location : Repair Shop		33					
Fluorescent	40%	2032	* *	10	\$72,300			
Tuorescent		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%						
	Location: Throughout The		33					
HID	30%	2032	* *	10	\$1,900			
Egress Lighting								
Emergency, Battery	50%	2024	\$129,700	10	\$23,800			
Exit, Service	50%	2024	\$10,700	1				
Exterior Lighting								
HID	100%	2024	\$756,900	10	\$600			
Alarm								
Security System								
No Component	70%							
Generic	30%	2024	\$181,900	1	\$23,000			
	Other Observation, Extent : N							
	Location : Hallways And O							
	Explanation: CCTV Surv	eillance Camera Syst	tem					
Fire/Smoke Detection	5 00/							
No Component	70%	2024	0.000 700	1.0	ф 2 0.400			
Generic	30%	2024	\$622,700	1-3	\$39,100			
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Hallways Explanation : Strobe Lights, Manual Pull Station, Alarm Bells And Horns							
	Explanation: Strobe Lights,	Manual Pull Station,	, Alarm Bells An	a Horns				

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

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

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

Asset #: 4517

Mechanical	Current Repair Future			e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Conversion Equipment							
Furnace	80%		2032	* *	1	\$77,900	
	Recent Replace Evid Location : Roof						
	Other Observation, I Location : Roof Le	vel		d : 80%			
		oof Top Package U					
Hot Water Boiler	20%		2029	* *	1	\$19,500	
	Other Observation, I Location: Boiler R	Room	Affected	: 20%			
Distribution	Explanation: 2 Un	ats					
Distribution Hot Wtr Piping/Pump	20%		2032	* *	4	\$1,900	
No Component	80%		2032		4	\$1,900	
Terminal Devices	00%						
Convector/Radiator	10%		2037	* *	1	\$6,400	
Unit Heater-Stm/HW	10%		2029	* *	4	\$1,800	
No Component	80%		2029		4	\$1,000	
Air Conditioning	0070						
Energy Source							
Electricity	100%		2040	* *	1		
Conversion Equipment	10070		2010		1		
Ext Pkg Unit - Heating/Cooling	100%		2029	* *	2	\$12,100	
ricating/Cooling	Other Observation, I	Extent : Light, Area	Affected	: 100%			
	Location : Roof		55				
	v	ackage Units - Refr	igerant 4	10 A			
Ventilation	2. spressess (17.1	achage chill Tieji	18014111 1	1011			
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$109,800	
Exhaust Fans							
Interior	60%		2029	* *	2	\$3,600	
Roof	40%		2032	* *	2	\$2,400	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2044	* *	1		
Water Heater							
Gas Fired	100%		2022	\$44,700	2	\$2,900	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
Generic	100%		2029	* *	1	\$12,100	
Fixtures							
Generic	100%						
Vertical Transport	·	·		<u> </u>		·	

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.

 $\label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

Mechanical	Current Repair	Future l	Future Replacement		Maintenance					
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year E	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Vertical Transport										
Elevators										
Geared Traction	100%	LIFE	* *							
Other Observation, Extent : Light, Area Affected : 100%										
	Location: (1) 1, 1m, 2, 2m, 3									
	Explanation: 3 Units									
Fire Suppression	•									
Standpipe										
Generic	100%	2044	* *	1-5	\$99,300					
Sprinkler										
Generic	100%	2044	* *	1-2	\$55,200					
Fire Pump										
Generic	100%	2033	* *	1	\$36,800					

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : QUEENS - WEST DISTRICT 5 GARAGE

Address : 48-01 58 ROAD

Borough : QUEENS Agency's Number : S211-238
Program / Asset # : DOS0059,000 / 4518 Yr Built/Renovated : 1995 /

Area Sq Ft : 79,000 Project Type : SANITATION

Date of Survey : 22-Jul-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,1m

Block : 2600 Lot : 1 BIN : 4307983

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,605,700	\$132,800
Interior Architecture	\$584,400	\$204,300
Electrical	\$65,200	\$286,400
Mechanical	\$56,600	\$163,100
Total	\$2,311,800	\$786,600
Importance Code A	\$1,662,200	\$132,800
Importance Code B	\$649,600	\$653,800
Total	\$2,311,800	\$786,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$2,400			\$8,300
Interior Architecture	\$31,100	\$8,100		\$700
Electrical	\$11,100	\$2,400	\$3,600	\$1,900
Mechanical	\$19,700	\$8,500	\$13,300	\$8,900
Total	\$64,300	\$19,000	\$16,900	\$19,900
Importance Code A	\$4,000	\$3,900	\$4,100	\$12,200
Importance Code B	\$32,300	\$14,000	\$12,900	\$7,700
Importance Code C	\$28,000	\$1,100		
Total	\$64,300	\$19,000	\$16,900	\$19,900



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

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

Architecture		Current Repair Future Replacement		e Replacement	M					
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Exterior										
Exterior Walls										
Concrete Masonry Unit	80%	Now	\$131,000	LIFE	* *	5	\$10,200			
	_	_	, Extent : Moderate	, Area Aj	ffected : 15%					
		: Through			1.66 . 1. 250/					
	Expansion Int Failure, Extent : Moderate, Area Affected : 25% Location : Throughout									
Metal Coiling Doors	15%	0-2	\$169,200	2045	**	5	\$4,800			
		Kusting, E : All Faca	Extent : Light, Area	Аဌјестеа	: /0%					
			aes xtent : Moderate, A	nag Affa	stad . 200/					
	_	: All Faca		геи Ајјес	nea . 30%					
			ent : Moderate, Are	a Affecte	od · 50%					
	-	: Through		и Пујесте	a . 5070					
Window Wall		Now	\$2,400	2045	* *	: 5	\$1,900			
window wan			\$2,400 cked, Extent : Mode		ea Affected · 10%	3	\$1,500			
	_	: East Fac		,, 11, 0	arijjeerea : 1070					
Windows										
Aluminum	100%			2041	* *	5	\$16,700			
Parapets										
Concrete Masonry Unit	90%	Now	\$398,000	LIFE	* *	5	\$17,700	1		
			e, Extent : Severe, 1	Area Aff	ected : 50%					
		: Through								
			Extent : Severe, Ar	ea Affect	ed : 35%					
		: Through								
			ent : Moderate, Are	a Affecte	d : 15%					
		: Through		A CC .	1 1000/					
	Other Observation, Extent: Severe, Area Affected: 100%									
	Location : Throughout Explanation : Suspect Improper Construction									
Pre-Cast Concrete	10%	Now	\$60,800	LIFE	* *	: 5	\$10,000	1		
Pre-Cast Concrete			۵, Extent : Severe, A			3	\$10,900	1		
	Location		u, Extent . Severe, F	тей Аује	ciea . 5070					
			Extent : Severe, Ar	ea Affect	ed: 30%					
		: Through		2011299001	Ca. 2070					
		_	ed, Extent : Severe,	Area Aff	ected : 100%					
	Location			33						
			Extent : Severe, Are	a Affecte	d : 100%					
		: Through								
	Explanat	ion : Susp	ect Improper Const	ruction						

Architecture		Current	Repair	Futur	e Replacement	М	aintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Exterior	•			•						
Roof										
Built-Up (BUR)	95%	Now	\$846,700	2035	* *					
	_	Extent : Mo : Through	oderate, Area Affect out	ed : 20%	ó					
	_	Vegetation Growth, Extent : Severe, Area Affected : 25% Location : Throughout								
		Water Penetration, Extent : Moderate, Area Affected : 20%								
	Location	: Bulkhea	ds, Locker Rooms,	Second F	loor					
Sloped Glazing	5%			LIFE	* *	5	\$132,800			
nterior										
Floors										
Cast in Place Concrete	60%			LIFE	* *	5	\$153,200			
Cast in Place Concrete	20%	Now	\$47,400	LIFE	* *	5	\$51,100			
	Cracking/0	Crumbling.	Extent : Moderate	, Area Aj	ffected : 20%					
	Location: Throughout									
	Drains Inad/Misposn, Extent : Severe, Area Affected : 50% Location : Wash Bay									
	Other Observation, Extent : Severe, Area Affected : 100% Location : Wash Bay									
			rs Were Not Desigi	ned To H	andle Excessive D	irt From	Trucks.			
Ceramic Tile	12%			2034	* *	5	\$14,000			
Terrazzo	3%			LIFE	* *	5	\$2,700			
Vinyl Tile	5%			2030	* *	3	\$2,900			
Interior Walls							42, 200			
Ceramic Tile	5%			2034	* *	5	\$2,200			
Concrete Masonry Unit	75%			LIFE	* *	5	\$12,900			
Concrete Masonry Unit	3%	Now	\$28,000	LIFE	* *	5	\$500			
concrete managemy can	Broken/Missing Elements, Extent: Severe, Area Affected: 50%									
		_	nding Wall In Was							
			Extent : Moderate	-						
	_	_	Garage Near Parki	_		ıll In Wa	sh Bay Area			
Glass: Single Pane	2%			LIFE	**	5	\$600			
Gypsum Board	5%			LIFE	* *	5	\$1,300			
SGFT/Glazed Masonry	10%			LIFE	* *	3	φ1,500			
551 1/ Stazed Wastilly	10/0			ти г						

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

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

Asset #: 4518

Architecture	Current R	Current Repair F			Ma	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	15% Now Broken/Missing Eleme Location: Office Are Staining/Discoloring, Location: Office Are Water Penetration, Ex Location: Locker Ro	ea, Second Floor (Extent : Moderate ea Locker Rooms tent : Severe, Ared	Corridor , Area Affe a Affected :	ected : 25%	5	\$8,800	
Exposed Struc: Steel	83% 4+ Corrosion/Rusting, Ex Location: Garage Water Penetration, Ex Location: Garage		33				
Gypsum Board	2% Now Cracking/Crumbling, I Location: Bulkheads Water Penetration, Ex Location: Bulkheads	s tent : Severe, Arec	ı Affected :		5	\$2,900	

Electrical	Current Repai	r Future	Replacement	Maintenance		
System Component Type	% of Fail Date Esti- Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2035	* *	5	\$300	
	Other Observation, Extent	: Moderate, Area Affec	cted : 100%			
	Location: Electrical Roc	om				
	Explanation : Main Servi	ce Switch Rated @ 200	00 Amperes			
Switchgear / Switchboard						
Fused Disc Sw	100%	2035	* *	5	\$300	
Raceway						
Conduit	100%	2035	* *	1		
Panelboards						
Fused Disc Sw	2%	2033	* *	5		
Molded Case Bkrs	98%	2033	* *	5	\$2,000	
Wiring						
Thermoplastic	100%	2035	* *	1		
Motor Controllers						
Locally Mounted	25%	2030	* *	5	\$100	
Motor Control Center	75%	2030	* *	5	\$1,600	
Ground						
Grounding Devices						
Not Accessible	100%					
	Other Observation, Extent	: Light, Area Affected .	: 100%			
	Location : Watermeter R	oom				

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

 $Explanation: Covered\ With\ Insulation$

Maintenance \$ are aggregated over a 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 #: 4518

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	70%			2030	* *	10	\$50,700	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building						
Fluorescent	20%			2030	* *	10	\$14,500	
		And Fixtu : Main Ga	res, Extent : Modei irage	ate, Are	a Affected : 100%			
HID	9%			2030	* *	10	\$200	
HID	1%	Now	\$6,300	2035	* *			
	Not in Service, Extent : Light, Area Affected : 100% Location : Main Garage							
Egress Lighting	2000000							
Emergency, Battery	18%			2025	\$16,800	10	\$3,100	
Emergency, Battery	2%	Now	\$1,900	2035	* *		, , , , , ,	
<i>C J</i> , <i>C</i>		ioning, Ext : Main Ga	ent : Moderate, Are urage	ea Affect	ed : 100%			
Exit, Service	80%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	\$200	
Alarm								
Security System								
No Component	80%			2025	0.46.700		Φ. σ. ο ο ο	
Generic	20%		7 36	2025	\$46,700	1	\$5,900	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Outside Explanation : C C T V Surveillance Camera System							
Fire/Smoke Detection	Ехрини	non . C C I	i v survemance C	umera s _.	ysiem			
No Component	70%							
Generic, Digital	30%			2025	\$239,700	1-3	\$14,600	
Generic, Digital		ervation, E	Extent : Moderate, A			1 3	Ψ11,500	
		: Hallway		33 -				
			ual Pull Stations, H	orns, Str	obe Lights, Bells			

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	Priority
Heating							
Energy Source							
Natural Gas	80%		2045	* *	1		
Interruptible Gas/Dual Fuel	20%		2045	* *	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.

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

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

Asset #: 4518

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

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

Mechanical		Current F	Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2024	\$17,900	2	\$1,200	
Sanitary Piping								
Cast Iron	100%	Now	\$3,400	LIFE	* *	1		
1	Blockage ,	Clogged, E	Extent : Severe, Are	a Affecte	ed:5%			
	Location	: Wash Ba	ıy Area					
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2030	* *	1	\$4,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2045	* *	1-2	\$22,100	
Chemical System		•	_			•		
No Component	95%							
Generic	5%			2023	\$1,300	1-3	\$2,500	

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : QUEENS 11 GARAGE

Address : 75-05 DOUGLASTON PKWY.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOS0039.000 / 4135 Yr Built/Renovated : 1991 /

Area Sq Ft : 100,228 Project Type : SANITATION

Date of Survey : 18-May-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 7860 Lot : 1 BIN : 4445411

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,073,200	\$58,200
Interior Architecture	\$565,800	\$354,300
Electrical	\$1,135,500	\$114,000
Mechanical	\$169,000	\$375,900
Total	\$2,943,400	\$902,300
Importance Code A	\$1,073,200	\$153,800
Importance Code B	\$1,740,600	\$748,500
Importance Code C	\$129,600	
Total	\$2,943,400	\$902,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$17,500	\$17,500		
Interior Architecture			\$12,400	
Electrical	\$11,000	\$7,700	\$7,500	\$9,900
Mechanical	\$17,200	\$7,700	\$18,000	\$24,800
Total	\$45,700	\$32,900	\$37,900	\$34,700
Importance Code A	\$22,500	\$22,400	\$5,000	\$5,200
Importance Code B	\$23,200	\$10,500	\$22,500	\$29,600
Importance Code C			\$10,500	
Total	\$45.700	\$32,900	\$37.900	\$34.700



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

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

Asset #: 4135

rchitecture	Current	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls							
Masonry: Brick Cavity	Location : South I Diagonal Cracks, E Location : West F	Extent : Moderate, Ar	ea Affec	ted : 5%	5	\$58,200	
	Location : South I	Facade					
Metal Coiling Doors	15%		2039	* *	5	\$35,000	
Pre-Cast Concrete	2%		LIFE	* *	5	\$4,800	
Window Wall	5% Now	\$17,500	2046	* *	5	\$7,000	
	Location: West F Caulking Deteriora Location: West F Water Penetration,	ted, Extent : Modera acade Extent : Moderate, A	te, Area	Affected : 10%			
	Location: West F	acade					
Windows	0.504		20.42	de de	_	\$ 6 4 0 0	
Aluminum	95%		2042	* *	5	\$6,100	
Metal Louvers	5%		2035	de de	10	\$2,000	
Parapets Congress Management Unit	50 0/		LIDD	* *	5	¢5 (00	
Concrete Masonry Unit	50% 48%		LIFE LIFE	* *	5	\$5,600	
Masonry: Brick Cavity Pre-Cast Concrete	48% 2%		LIFE	* *	5 5	\$4,800 \$1,300	
Roof	270		LIFE			\$1,500	
Built-Up (BUR)	Location: Roof O Miss/Damaged Flas Location: Over G Water Penetration,	shings, Extent : Mod	erate, Ar Area Affe	ea Affected : 15% cted : 20%			
Skylight, Plastic	5% Now Broken/Missing Ele Location: Roof O	\$113,200 ments, Extent : Seve ver Garage	2039 re, Area	* * Affected : 30%	1		1

Interior

Asset #: 4135

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior				•				
Floors								
Cast in Place Concrete	Location Drains Ind Location	: Queens I d/Misposn : Garage I	\$213,300 Extent : Moderate II And Ramp , Extent : Moderate Area Extent : Moderate, A	e, Area A	ffected : 25%	5	\$229,700	
	Location	: Basemen	t					
	Explanat	ion : Grou	nd Water					
Ceramic Tile		_	\$42,600 s, Extent : Moderat oor Corridor	2035 e, Area A	* * Affected : 10%	5	\$11,300	
Terrazzo	5%			LIFE	* *	5	\$5,900	
Vinyl Tile	10%			2026	\$124,600	3	\$5,600	
Interior Walls Cast in Place Concrete			\$129,600	LIFE	* *			
	Location Diagonal	: Basemen	tent : Moderate, Ar	_	-			
Cast in Place Concrete	45%			LIFE	* *			
Ceramic Tile	10%			2035	* *	5	\$21,000	
Concrete Masonry Unit	15%			LIFE	* *	5	\$12,600	
Gypsum Board	10%			LIFE	* *	5	\$12,600	
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings AcousTileSusp.Lay-In	Location Water Pen	: Locker R etration, E	\$118,500 ents, Extent : Mod coms, Lunch Room xtent : Moderate, A	n Area Affe	cted : 20%	5	\$7,500	
		: Locker K	Rooms, Lunch Room					
Exposed Struc: Steel	70%	Ma	¢ < 1 700	LIFE	* *			
Exposed Struc: Steel	Location Repairs in Location Water Pen	: Telephor Progress, : Boiler Re etration, E	\$61,700 xtent : Moderate, A ne Room, Boiler Ro Extent : Light, Are oom xtent : Moderate, A 13 Garage Floor, B	oom, Que a Affecte Area Affe	cted : 20% ens 13 Garage Flo d : 25% cted : 10%	00r		
Gypsum Board	10%			LIFE	* *	5	\$18,800	

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

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

Maintenance \$ are aggregated over a 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 #: 4135

Electrical	Cu	rrent Repair	Future	Replacement	M	aintenance	
System Component Type		Date Estimated Co	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2026	\$2,500	5	\$400	
	Location : El	tion, Extent : Modera ectrical Room 2- Main Service Disc rroded) Ampere	es Each.	
Switchgear / Switchboard							
Fused Disc Sw	100%		2026	\$71,600	5	\$400	
Raceway							
Conduit	80%		2036	* *	1		
Conduit	20%		2026	\$2,900	1		
Panelboards							
Fused Disc Sw	5%		2034	* *	5	\$100	
Molded Case Bkrs	87%		2025	\$38,100	5	\$2,300	
Molded Case Bkrs	8% 2	-4 \$3,50	00 2051	* *	5	\$100	
	Enclosure Cort Location : Go	roded, Extent : Severe grage	e, Area Affect	ed : 100%			
Wiring							
Thermoplastic	100%		2036	* *	1		
Motor Controllers							
Locally Mounted	5%		2024	\$4,600	5		
Motor Control Center	95%		2024	\$19,900	5	\$2,600	
round Grounding Devices							
Generic	100%		LIFE	* *	5	\$1,500	
ighting							
Interior Lighting							
Fluorescent	58%		2031	* *	10	\$53,300	
		tion, Extent : Modera roughout The Buildin T-8 Lamps		eted : 100%			
Fluorescent	10%		2031	* *	10	\$9,200	
	Other Observa. Location : Ba Explanation :		te, Area Affeo	eted : 100%			
Fluorescent	2% Compact Fluor Location : Sta	escent Light, Extent : air Case	2026 Moderate, A	\$4,300 rea Affected : 100	10 %	\$1,800	
HID	30%		2031	* *	10	\$1,000	
Egress Lighting							
Emergency, Battery	20%		2026	\$26,400	10	\$4,800	
Exit, Service	80%		2031	* *	1		
Exterior Lighting HID	100%		2031	* *	10	\$300	

Alarm

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

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

Asset #: 4135

Electrical	Current Re	pair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm							
Security System							
No Component	80%						
Generic	20% Now	\$59,200	2036	* *	1	\$6,700	
	Other Observation, Ext	ent : Moderate, A	rea Affec	ted : 100%			
	Location: Outside						
	Explanation: Cctv Si	ırveillance Camer	as Are M	alfunctioning			
Fire/Smoke Detection							
Generic, Digital	100%		2021	\$1,013,800	1-3	\$63,600	
_	Other Observation, Ext	ent : Moderate, A	rea Affec	ted : 100%			
	Location : Throughou	ıt The Building					
	Explanation: Strobe	Lights, Manual P	ull Statio	ns, Horns And Ald	arm Bells	·	

Mechanical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Con Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2046	* *	1		
Conversion Equipment						
Furnace	80%	2026	\$95,700	1	\$39,600	
	Other Observation, Extent: Light, Ar	rea Affected	: 85%			
	Location: Roof					
	Explanation: 7 Roof Top Units					
Hot Water Boiler	20%	2043	* *	1	\$9,900	
	Recent Installation, Extent: Light, A	rea Affected	: 100%		. ,	
	Location : Boitler Room					
	Other Observation, Extent : Light, Ar	rea Affected	: 15%			
	Location : Boiler Room	33				
	Explanation: 1 Gas Fired Hot Wat	er Boiler				
Distribution	1					
Hot Wtr Piping/Pump	20%	2042	* *	4	\$1,500	
No Component	80%					
Terminal Devices						
Convector/Radiator	15%	2031	* *	1	\$4,900	
Fan Coil Unit/Heat	5%	2026	\$73,300	1	\$1,600	
No Component	80%					
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Ext Pkg Unit -	20%	2026	\$129,100	2	\$1,200	
Heating/Cooling			. , ,		. ,	
	R-22 Refrigerant, Extent: Light, Area	a Affected :	30%			
	Location : 3 Package Units On The	Roof				
No Component	80%	-				
Ventilation	3070					

Ventilation

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

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

Mechanical		Current 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	
Ventilation Ventilation									
Distribution	• • • •		44.40.000						
Ductwork/Diffusers	20%	0-2	\$169,000	LIFE	**	2-5	\$11,200		
		Extent : M : Various	oderate, Area Affe Logations	ctea : 10	%				
			Locanons tent : Moderate, Ar	oa Affaa	tad - 100%				
	=		ieni . Moderdie, Ar Air Intake Points	еи Ајјес	iea . 10070				
			ent : Moderate, Are	a Affecte	d · 100%				
		: Through		a rijjeere	<i>a</i> . 10070				
Ductwork/Diffusers	80%			LIFE	* *	2-5	\$44,700		
Exhaust Fans							. ,		
Roof	100%			2026	\$77,800	2	\$3,100		
	Other Obs	Other Observation, Extent: Light, Area Affected: 100%							
	Location	: Roof							
	Explana	tion : Repa	irs In Progress						
lumbing									
H/C Water Piping									
Brass/Copper	100%			2046	* *	1			
Water Heater	2.50/	0.2	Φ. 7.00	2026	Φ. 700	2	Φ200		
Gas Fired	25%	0-2	\$5,700 nt : Moderate, Ared	2026	\$5,700	2	\$300		
		_	ni : Moaeraie, Ared oom, 1 Of 2 Defect						
C F' I		. Doner K	oom, 1 Oj 2 Dejeci				¢1.100		
Gas Fired	75%			2021	\$17,100	2	\$1,100		
Sanitary Piping Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping	100%			LIFE		1			
Cast Iron	100%			LIFE	* *	1			
Sump Pump(s)	10070			LIIL		1			
Rigid Piping	100%			2026	\$10,800	4	\$2,500		
rugia i iping		ervation, E	Extent : Moderate, A			•	Ψ2,300		
		: Boiler R		33					
	Explana	tion : Repa	irs In Progress						
Fixtures									
Generic	100%								
Fire Suppression									
Sprinkler	405								
Generic	100%			2046	* *	1-2	\$28,100		

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : QUEENS 6 GARAGE BETTS AVE. FACILITY
Address : 58-73 53RD AVE. (ZOLA - 58-62 58TH STREET)

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOS0015.000 / 2002 Yr Built/Renovated : 1957 /

Area Sq Ft : 92,912 Project Type : SANITATION

Date of Survey : 17-Jun-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,4

Block : 2361 Lot : 151 BIN : 4462505

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$6,279,000	\$353,000
Interior Architecture	\$2,179,300	\$237,300
Electrical	\$89,900	\$1,899,900
Mechanical	\$481,600	\$3,093,800
Total	\$9,029,700	\$5,584,100
Importance Code A	\$6,427,400	\$1,875,000
Importance Code B	\$1,719,100	\$3,709,100
Importance Code C	\$883,200	
Total	\$9,029,700	\$5,584,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$50,500			
Interior Architecture	\$40,900			\$2,600
Electrical	\$9,500		\$1,700	\$800
Mechanical	\$46,100	\$16,900	\$18,800	\$14,600
Total	\$147,100	\$16,900	\$20,500	\$17,900
Importance Code A	\$52,800	\$9,200	\$9,200	\$9,200
Importance Code B	\$81,900	\$7,700	\$11,300	\$8,700
Importance Code C	\$12,400			
Total	\$147,100	\$16.900	\$20.500	\$17.900



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

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

Architecture	Current	Repair	Future	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Cast in Place Concrete	5% Now	\$94,400	LIFE	* *	5	\$42,900	
	Broken/Missing Ele		lerate, Are	ea Affected : 20%			
	Location: Throug Cracking/Crumbling		ag Affaata	A . 100/			
	Location : Throug	-	еи Ајјесте	a. 10%			
Masonry: Brick	25% Now	\$1,262,700	LIFE	* *	5	\$42,900	1
Wasoiny. Blick	Diagonal Cracks, E.			: 20%		ψ.Ξ,> σσ	-
	Location : Bulkhed						
	Jnt Mortar Miss/Ero	od, Extent : Modera	te, Area A	ffected : 50%			
	Location: Bulkhed	ads					
	Rusting Masonry Su	pt, Extent : Modera	te, Area A	Affected : 50%			
	Location : Bulkhed	ads					
	Vegetation Growth,		Area Affe	cted : 40%			
	Location : East Fa	ıcade					
Masonry: Brick	50% Now	\$505,100	LIFE	* *	5	\$85,700	
	Jnt Mortar Miss/Ero		te, Area A	ffected : 20%			
	Location: Throug						
	Rusting Masonry Su	=		Affected: 25%			
		dow Lintels And Do					
	Spalling, Extent : M Location : North I		iea . 1570				
	Vertical Cracks, Ext		Affected .	15%			
	Location : Corner		ујестей.	1370			
Masonry: Granite	5% Now	\$99,000	LIFE	* *	5	\$6,400	
wasomy. Granice	Jnt Mortar Miss/Ero	1 ,		ted : 10%	3	φο, τ ου	
	Location: Throug		33				
Metal Coiling Doors	10% 0-2	\$190,000	2032	* *	5	\$26,800	
Wetar Coming Doors	Broken/Missing Ele			ffected : 10%	3	Ψ20,000	
	Location : Throug	_		v			
Pre-Cast Concrete	5% Now	\$55,300	LIFE	* *	5	\$27,900	
	Jnt Mortar Miss/Ero			ffected : 20%	-	7-1,500	
	Location : At Wind	low Sills And Lintel	S				
	Misaligned/Bulging	Extent : Severe, Ar	ea Affecte	ed : 15%			
	Location: South E	East Windows					
	Other Observation,		ea Affecte	d: 10%			
	Location : South E						
	Explanation : Veg	etative Growth					

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

DEPARTMENT OF SANITATION - 827 QUEENS 6 GARAGE BETTS AVE. FACILITY

Architecture	Current R	epair	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior Windows								
Metal Louvers	3% 0-2 Broken/Missing Eleme Location : Througho	_	2030 s, Area A	** ffected : 10%				
Steel	97% Now Broken/Missing Eleme Location: Througho	put			5	\$146,500		
	Corrosion/Rusting, Ex Location : Througho Thermally Inefficient, Location : Througho	out Extent : Severe, A						
	Caulking Deteriorated Location : Exterior		te, Area	Affected : 35%				
Parapets					_			
Masonry: Brick	50% Now Diagonal Cracks, Extended Location: Corners				5	\$5,900	1	
	Horizontal Cracks, Extent : Severe, Area Affected : 20% Location : Throughout							
	Jnt Mortar Miss/Erod Location : Througho		Area Affe	cted : 20%				
	Misaligned/Bulging, E Location : East Face	Extent : Severe, Ar						
	Spalling, Extent : Seve Location : East Face	ere, Area Affected						
	Other Observation, Ex Location : East Side	xtent : Severe, Area Parapets		d : 40%				
	Explanation : Nettin		rapets					
Masonry: Limestone	7% Now Jnt Mortar Miss/Erod Location: Coping	\$16,800 Extent : Moderat	LIFE e, Area A	* * Affected : 10%	5	\$1,000		
Pre-Cast Concrete	43%		LIFE	* *	5	\$63,300		

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

Architecture	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	Section Sectin Section Section Section Section Section Section Section Section	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Roof	40% Now \$209,60	0 2037 **			
Built-Up (BUR)	Blisters, Extent: Moderate, Area Aff Location: Throughout Vegetation Growth, Extent: Modera	ected : 25%			
	Location: Throughout	,,,,,,, -			
	Water Penetration, Extent : Moderat Location : Entrance Under Canopy				
	Worn/Eroded, Extent : Moderate, Ar Location : Throughout	ea Affected : 100%			
Single Ply Membrane	30%	2035 **	10	\$35,100	
	Repairs in Progress, Extent: Light, A Location: Roof Atop Furnace	-			
	Other Observation, Extent : Moderate Location : Roof Atop Furnace	-			
	Explanation: Work Almost Comple		Active		
Skylight, Metal/Glass	15% Now \$2,535,50 Broken/Missing Elements, Extent: M. Location: Throughout				
	Corrosion/Rusting, Extent : Moderat Location : Upper Roof	e, Area Affected : 50%			
	Glazing Broken/Cracked, Extent : M Location : Upper Roof	oderate, Area Affected : 60%			
Under Construction	15%				
	Other Observation, Extent : Light, A. Location : Above Boiler Room	-			
-	Explanation: Construction Underv	vay			
nterior					
Floors Cast in Place Concrete	78% Now \$330,50	0 LIFE **	5	\$237,300	
Cast III Frace Concrete	Cracking/Crumbling, Extent: Severe Location: Basement, Garage Area	e, Area Affected : 10%	J	\$237,300	
Ceramic Tile	5% Now \$26,30	0 2036 **	5	\$3,500	
	Cracking/Crumbling, Extent: Moder Location: Throughout				
Terrazzo	2%	LIFE **	5	\$4,300	
Vinyl Tile	15% Now \$173,20 Cracking/Crumbling, Extent: Moder Location: Offices		3	\$7,800	
	Worn/Eroded, Extent : Moderate, Ar Location : Offices	ea Affected : 25%			

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

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

DEPARTMENT OF SANITATION - 827 QUEENS 6 GARAGE BETTS AVE. FACILITY

Asset #: 2002

Architecture		Current l	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls	200/	N	\$106,200	LIDD	* *			
Cast in Place Concrete	20%		\$196,200 Extent : Light, Are	LIFE				
		n : Through		ей Ајјест	ea . 2070			
Conqueta Maganus Unit	30%		\$206,700	LIFE	* *	: 5	\$19,100	
Concrete Masonry Unit			\$200,700 Extent : Light, Are			3	\$19,100	
	_	n : Through	_	и Ајјеси	ей . 30/0			
Plaster	10%	Now	\$12,400	LIFE	* *	5	\$4,800	
	Cracking/	Crumbling,	Extent : Light, Are	ea Affecte	ed : 20%			
	Location	n : Through	out					
SGFT/Glazed Masonry	40%	Now	\$480,400	LIFE	* *	:		
	Broken/M	issing Elen	nents, Extent : Seve	re, Area	Affected : 10%			
			Window Sills In Ga	_				
	Cracking/	Crumbling,	Extent : Light, Are	ea Affecte	ed : 30%			
	Location	n : Through	out					
Ceilings								
AcousTileSusp.Lay-In	15%		\$49,400	2047	* *	5	\$10,400	
		Crumbling, n : Through	Extent : Severe, A out	rea Affec	eted : 30%			
		Discoloring n : Through	, Extent : Moderate out	, Area A	ffected : 10%			
	Water Per	netration, E	Extent : Moderate, A	Area Affe	cted : 10%			
	Location	n : At Locke	er Room And Kitche	en/lounge	2			
Exposed Concrete	85%	Now	\$742,900	LIFE	* *	5	\$18,500	
-	Cracking/	Crumbling,	Extent : Moderate	, Area Aj	ffected : 30%			
	Location	n : Boiler R	oom and Througho	ut				
	Water Per	netration, E	Extent : Moderate, A	Area Affe	cted : 30%			
	Location	n : Boiler R	oom					

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2027	\$38,400	5	\$2,400	
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location : Electrical Room - 2nd Floo	r				
	Explanation: Two 3000 Amps Main I) Disconne	et Switch			
Transformers						
Dry Type	100%	2025	\$15,400	5	\$300	
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location : Electrical Room					
	Explanation : Two 45 Kva 480/277v I	ri - 208/	120v Sec			
Switchgear / Switchboard						
Molded Case Bkrs	70%	2027	\$150,300	5	\$1,700	
Molded Case Bkrs	30%	2037	* *	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.

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

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

Asset #: 2002

Electrical		Current l	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
Jnder 600 Volts								
Raceway								
Conduit	90%			2027	\$84,900	1		
Conduit	10%			2037	* *	1		
Panelboards								
Fused Disc Sw	10%			2026	\$11,700	5	\$200	
Fused Disc Sw	5%			2035	* *	5	\$100	
Molded Case Bkrs	55%			2026	\$64,200	5	\$1,300	
Molded Case Bkrs	30%			2035	* *	5	\$700	
Wiring								
Braided Cloth	60%	2-4	\$89,900	2052	* *	1		
		Aged, Extent	ent : Moderate, Are out	a Affecte	ed : 100%			
Thermoplastic	10%			2037	* *	1		
Thermoplastic	30%			2027	\$44,900	1		
Motor Controllers					· · · · · · · · · · · · · · · · · · ·			
Locally Mounted	5%			2032	* *	5		
Locally Mounted	15%			2025	\$194,200	5	\$100	
Motor Control Center	80%			2025	\$1,035,900	5	\$2,000	
Fround							•	
Grounding Devices								
Generic	Location	Now ervation, E a: Water M tion: Corre		LIFE a Affecte	* * ed : 100%	5	\$1,400	
ighting								
Interior Lighting								
Fluorescent	30%			2032	* *	10	\$25,600	
	T-8 Lamp		res, Extent : Moder Hallway And Locke		a Affected : 100%		,,	
HID	65%			2032	* *	10	\$2,000	
Incandescent	5%			2022	\$47,200	2	\$100	
Egress Lighting	370				Ψ17,200		Ψ100	
Emergency, Battery	50%			2032	* *	10	\$11,200	
Exit, Service	50%			2032	* *	1	Ψ11,200	
Exterior Lighting	3070			2002				
HID	30%			2032	* *	10	\$100	
HID	70%			2022	\$239,900	10	\$200	
	7.070				+200,000		Ψ200	

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

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

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

Asset #: 2002

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of I Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment	750/	Now	¢1.49.400	2025	¢1 492 600	1	¢62 100	
Steam Boiler	75%	Now	\$148,400 nt : Moderate, Area	2025	\$1,483,600	1	\$62,100	
	-	_	m . Moderdie, Ared ontrollers. 2nd Flo		u . 100/0			
			Extent : Light, Area		: 100%			
			=		And Police Repair	Shop		
			-	_	er Nearby Building	-		
Steam Boiler	25%			2044	**	1	\$23,000	
		rvation, E	Extent : Light, Area	Affected	: 100%		. ,	
	Location .	2nd Floo	or					
	Explanati	on : One l	Unit					
Distribution	400							
Steam Piping/Pump	100%			2027	\$1,122,800	4	\$6,900	
Terminal Devices	700/	NT.	¢220.500	2022	* *	1	¢10,000	
Convector/Radiator	70%	Now	\$239,500 tent : Severe, Area	2032		1	\$18,900	
	Location :	-		Ајјестеа	. 100%			
Unit Heater-Stm/HW		Now	\$50,700	2027	\$101,400	4	\$2.600	
Unit Heater-Stm/HW			\$50,700 ent : Severe, Area A		. ,	4	\$2,600	
	Location :			ујестеи.	100/0			
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Exterior Pkg Unit -	20%			2037	* *	2	\$1,100	
Cooling	0.1 01			A CC	2007			
	Location :		Extent : Light, Area	Ађестеа	: 20%			
			y Installed.					
Window/Wall Unit	10%	on . Ivewi	у тышией.	2022	\$18,700	1		
No Component	70%			2022	\$10,700	1		
Terminal Devices	7070							
Fan Coil - Cooling	10%			2027	\$21,000	1	\$3,000	
No Component	90%				, -,0		, -,	
Heat Rejection								
Remote Air Cond	10%			2027	\$16,300	2	\$6,500	
No Component	90%							
Ventilation								
Distribution	-00 /		0.10.1 00			2.5	#21 1 53	
Ductwork/Diffusers	60%	Now	\$43,100	LIFE	**	2-5	\$31,100	
	Needs Clea Location :	_	ent : Severe, Area A	IJectea :	100%			
No Component	40%	Intough	oni					
No Component Exhaust Fans	4U%							
Interior	60%			2022	\$60,200	2	\$1,700	
Wall Unit	40%			2022	\$54,900	2	\$1,700	
Dlumbing	70/0			2022	Ψ5-7,700		Ψ1,100	

Plumbing

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

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

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%		2025	\$271,000	1		
Water Heater							
Electric	100%		2022	\$14,100	4	\$800	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2018	\$6,500	4	\$2,500	
Sewage Ejector(s)							
Compressed Air	100%	Now \$27,800	2057	* *	4	\$1,600	
	Malfunction	ning, Extent : Severe, Area A	ffected :	100%			
	Location :	Pneumatic System					
	Not in Servi	ice, Extent : Severe, Area Aff	ected : 5	0%			
	Location :	1 Unit In Ejector Room					
Backflow Preventer							
Generic	100%		2032	* *	1	\$5,700	
Fire Suppression							
Standpipe							
No Component	50%						
Generic	50%		2053	* *	1-5	\$23,400	

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : QUEENS DISTRICT 14 GARAGE

Address : 51-10 ALMEDA AVENUE

Borough : QUEENS Agency's Number : N/A

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

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

Block : 15980 Lot : 2 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$291,000	\$206,100
Interior Architecture	\$116,700	
Total	\$407,600	\$206,100
Importance Code A	\$291,000	\$206,100
Importance Code B	\$116,700	
Total	\$407,600	\$206,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$80,000		\$24,000	
Interior Architecture	\$74,400		\$6,300	\$10,000
Electrical	\$3,700	\$3,500	\$2,600	\$2,500
Mechanical	\$45,900	\$8,900	\$14,700	\$9,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$208,000	\$16,400	\$51,600	\$25,700
Importance Code A	\$82,500	\$3,100	\$26,400	\$3,100
Importance Code B	\$96,400	\$13,200	\$25,200	\$20,900
Importance Code C	\$29,100			\$1,700
Total	\$208,000	\$16,400	\$51,600	\$25,700



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

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

Asset #: 14558

Architecture	Current Repair		Futur	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	1.00/	N	Φ1 7 000	20.47	* *			
Alum/Vinyl Siding	10%	Now	\$15,800	2047				
	-		xtent : Moderate, A	rea А ∏ес	rtea : 10%			
	Location : Bulkhead At Roof Other Observation, Extent : Light, Area Affected : 100%							
		: Through		Ајјестеи	. 100/0			
		_	rial Is Actually An	Aluminu	m Panel Claddino	System		
Metal/Glass Curt Wall	10%	ion : maic	rui 15 Menuny Mi	LIFE	* *	5	\$36,600	
Metal Sect. OHD	15%			2040	* *	5	\$45,700	
Pre-Cast Concrete	65%			LIFE	* *	5	\$412,100	
Tie-Cast Concrete		iscoloring	Extent : Light, Are		ed : 15%	3	Ψ-12,100	
		: Entry Fo		2011299001				
Windows								
Aluminum	95%			2043	* *	5	\$12,400	
Metal Louvers	5%			2036	* *	10	\$4,100	
Parapets							. ,	
Concrete Masonry Unit	70%			LIFE	* *	5-10	\$19,900	
Metal/Glass Curt Wall	10%			2047	* *	5	\$2,000	
Metal: Cage/Fence	5%			2040	* *	5-10	\$2,000	
Pre-Cast Concrete	15%	Now	\$2,700	LIFE	* *	5	\$4,900	
	Caulking Deteriorated, Extent: Moderate, Area Affected: 25%							
	Location	: Under C	oping Stone - Thro	ughout				
Roof	0.50		** **********************************					
Modified Bitumen	85%	Now	\$38,400	2032	* *			
	Blisters, Extent : Light, Area Affected : 20%							
	Location: Various Locations Throughout							
	Expansion Jnt Failure, Extent : Moderate, Area Affected : 20% Location : Various Locations Throughout							
			_		. 1 150/			
			xtent : Moderate, A	Area Affe	cted : 15%			
			ision Joints	20.10	di di			
Skylight, Plastic	13%	Now	\$46,500	2040	**	1		
		_	ents, Extent : Seve		Affected : 5%			
		: various	Locations Through		di di		* 12.200	
Sloped Glazing	2%			LIFE	* *	5	\$42,300	
terior								
Floors Cost in Place Congreta	1.00/			l lee	* *	5	\$26.500	
Cast in Place Concrete Ceramic Tile	10%			LIFE 2036	* *	5 5	\$36,500 \$16,700	
Ceranne The	20% Worn/Frod	led Extent	: Light, Area Affec			3	\$16,700	
			. Light, Area Ajjec s Throughout	.cu . 43/	v			
Chact Vinyl/Dukhan		. 00771401	- Inoughou	2022	* *	5	¢12.500	
Sheet Vinyl/Rubber	10% 60%	Now	¢12 100	2032 2032	**	5	\$12,500 \$31,300	
Traffic Topping			\$12,100 Extent : Moderate, A			5	\$31,300	
	water I em		лын . тоивтив, Е	пен лује	ciea . 5% Ground Water Ba			

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

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

Asset #: 14558

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Interior Walls							
Cast in Place Concrete	20%		LIFE	* *	10	\$16,900	
Ceramic Tile	10%		2036	* *	5	\$3,400	
Concrete Masonry Unit	15%		LIFE	* *	5	\$4,100	
Glass: Single Pane	2%		LIFE	* *	5	\$1,000	
Glazed Ceramic Panel	5%		LIFE	* *	10	\$1,500	
SGFT/Glazed Masonry	48%		LIFE	* *	10	\$8,100	
Ceilings							
AcousTileSusp.Lay-In	15%		2040	* *	5	\$12,500	
Exposed Concrete	5%		LIFE	* *	5-10	\$5,200	
Exposed Struc: Steel	70%		LIFE	* *	10	\$116,700	
•	Other Observa	tion, Extent : Light, Area	Affected	: 100%			
	Location : Th	roughout					
	Explanation : Long Span Trusses And Metal Deck						
Metal Panel	10%		LIFE	* *	5	\$20,800	

Electrical	Current Repair	Future Replacement	Maintenance					
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority			
Inder 600 Volts								
Service Equipment								
Air Circuit Breaker	70%	2053 **	5	\$200				
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Electrical Room							
	Explanation: One 2500 Amps & 2	000 Amps Main Disconnect S	witch					
Fused Disc Sw	30%	2053 **	5	\$100				
	Other Observation, Extent : Modera	te, Area Affected : 100%						
	Location : Outside							
	Explanation : One 3000 Amps Mai	n Disconnect Switch						
Transformers								
Dry Type	50%	2044 **	5	\$100				
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room							
	Explanation: One 500 Kva, Two 3	0kva 480/277v Pri - 208/120l	v Sec					
Liquid Filled	50%	2044 **	5	\$200				
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Outside							
	Explanation: No Ratings Available	e						
Switchgear / Switchboard								
Air Circuit Breaker	70%	2053 **	5	\$200				
Fused Disc Sw	30%	2053 **	5	\$100				
Raceway								
Conduit	100%	2053 **	1					
Panelboards								
Fused Disc Sw	10%	2049 **	5	\$100				
Molded Case Bkrs	90%	2052 **	5	\$1,500				

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

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

DEPARTMENT OF SANITATION - 827 QUEENS DISTRICT 14 GARAGE

Asset #: 14558

Electrical	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Es	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•	•				
Wiring						
Thermoplastic	100%	2053	* *	1		
Motor Controllers						
Locally Mounted	10%	2044	* *	5		
Motor Control Center	90%	2044	* *	5	\$1,500	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$1,800	
Stand-by Power						
Transfer Switches						
Automatic	100%	2044	* *	1	\$19,100	
Lighting						
Interior Lighting						
Fluorescent	35%	2035	* *	10	\$17,900	
	Other Observation, Exte		ected : 100%			
		llway And Locker Room				
	Explanation: T-8 Lam					
Fluorescent	5%	2035	* *	10	\$2,600	
	Compact Fluorescent Li	ght, Extent : Moderate, .	Area Affected : 100	0%		
	Location: Hallway					
HID	60%	2035	* *	10	\$1,100	
Egress Lighting						
Emergency, Service	30%	2035	* *	1		
Emergency, Battery	20%	2035	* *	10	\$2,700	
Exit, LED	40%	2062	* *	1		
Exit, Service	10%	2035	* *	1		
Exterior Lighting						
HID	100%	2035	* *	10	\$200	
Alarm						
Security System						
No Component	90%					
Generic	10%	2035	* *	1	\$2,300	
Fire/Smoke Detection						
No Component	90%					
Generic, Digital	10%	2035	* *	1-3	\$3,800	

Mechanical	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2053	* *	1		

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

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

DEPARTMENT OF SANITATION - 827 QUEENS DISTRICT 14 GARAGE

Asset #: 14558

Mechanical	Current Repair		Future	Replacement	Maintenance		i produce de la companya de la comp
System Component Type	% of Fail l Total (Yes	Date Estimated Cost ars)	Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Conversion Equipment							
Furnace	75%		2032	* *	1	\$20,700	
		on, Extent : Light, Area	a Affected :	100%			
	Location: Roo						
		8 Heating And Ventilat					
Hot Water Boiler	10%		2044	* *	1	\$2,800	
		on, Extent : Light, Area	a Affected :	100%			
	Location : Med						
		5 Units Covering The C					
Radiant Heater	15%		2035	* *	2	\$3,900	
Distribution				_		<i>a</i>	
Ductwork/Diffusers	75%		LIFE	* *	2-5	\$36,900	
Hot Wtr Piping/Pump	10%		2049	* *	4	\$300	
No Component	15%						
Terminal Devices							
Fan Coil Unit/Heat	25%		2035	* *	1	\$4,500	
No Component	75%						
Air Conditioning							
Energy Source	000/		20.40	ماد ماد			
Electricity	90%		2049	* *	1		
Natural Gas	10%		2053	* *	1		
Conversion Equipment	10%		2025	* *	1	¢6,000	
Absorption Chiller/Direct Fire	10%		2035		1	\$6,000	
Clinei/Direct File	Other Observati	on, Extent : Light, Ared	a Affected .	100%			
	Location : Roo		і Аујесіей.	10070			
	_	i 9 Units, Using Ammoni	ia And Wate	or As A Rofrigora	nt		
No Component	90%	onus, osung riminom	a ma man	er ris ri Rejrigera	, ii		
Distribution	90%						
Chilled Wtr Pipe/Pump	10%		2053	* *	4	\$300	
No Component	90%		2033		7	Ψ300	
Terminal Devices	7070						
Fan Coil - Cool/Heat	10%		2035	* *	1	\$1,800	
No Component	90%		2033		1	Ψ1,000	
Heat Rejection	7070						
Air Condenser Unit	10%		2035	* *	2	\$3,900	
No Component	90%		2000		_	42,500	
Ventilation	7 0.0						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$49,200	
Exhaust Fans							
Roof	100%		2035	* *	2	\$1,700	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2053	* *	1		

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

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

DEPARTMENT OF SANITATION - 827 QUEENS DISTRICT 14 GARAGE

Asset #: 14558

Mechanical	chanical Current Repair			Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Gas Fired	100%	2026	\$12,600	2	\$800	
	Other Observation, Extent : Light,	Area Affected: 10	0%			
	Location: Mechanical Rooms					
	Explanation: 2 Tanks Of 400 Ga	allons Each And On	ne Tank Of 80	Gallons		
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2022	\$6,500	4	\$2,500	
Backflow Preventer						
Generic	100%	2035	* *	1	\$3,400	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Light,	Area Affected: 10	0%			
	Location: L-2					
	Explanation : One Unit					
Fire Suppression						
Standpipe						
Generic	100%	2053	* *	1-5	\$28,100	
Sprinkler						
Generic	100%	2053	* *	1-2	\$15,600	

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : QUEENS EAST 13 GARAGE

Address : 153-67 146 AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOS0034.000 / 2009 Yr Built/Renovated : 1987 /

Area Sq Ft : 55,495 Project Type : SANITATION

Date of Survey : 15-May-2015 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 15001 Lot : 73 BIN : 4433112

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$380,900	\$319,000
Interior Architecture		\$431,400
Electrical		\$429,900
Mechanical	\$104,800	\$136,700
Total	\$485,700	\$1,317,000
Importance Code A	\$380,900	\$319,000
Importance Code B	\$104,800	\$696,900
Importance Code C		\$301,000
Total	\$485,700	\$1,317,000

Total	\$81,800	\$19,400	\$19,200	\$38,100
Importance Code C				
Importance Code B	\$51,000	\$17,000	\$16,700	\$30,200
Importance Code A	\$30,700	\$2,500	\$2,500	\$7,900
Total	\$81,800	\$19,400	\$19,200	\$38,100
Mechanical	\$28,700	\$17,600	\$12,800	\$23,700
Electrical	\$600	\$1,300	\$800	\$1,600
Interior Architecture	\$30,300	\$500	\$5,600	\$7,400
Exterior Architecture	\$22,100			\$5,400
EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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 #: 2009

Architecture	Current Repair		Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls	C = 0.4		LIDE	ale ale	-	Φ.Σ.ς. 700	
Masonry: Brick Cavity	65%	#200,000	LIFE	* *	5	\$56,700	
Metal Coiling Doors	30% Now	\$289,800	2039		5	\$40,900	
	Corrosion/Rusting, I Location: East An		Area Ајјес	nea : 20%			
	Deteriorated Finish,		Area Aff	acted : 25%			
	Location: East An		Агеи Ајје	ecieu . 2570			
Due Cost Comments		a soun i acaaes	LIDE	* *		¢£ 700	
Pre-Cast Concrete Window Wall	2% 3%		LIFE 2046	* *	5 5	\$5,700 \$9,800	
Windows Wan	3%		2040			\$9,800	
Aluminum	95% Now	\$91,000	2034	* *	5	\$5,600	
Aidillilidill	Bent/Warped Elemen			Affected · 10%	3	Ψ5,000	
	Location : First Fl		iic, 111 cu 1	ijjeeiea . 1070			
	Water Penetration, I		Area Affe	eted : 10%			
	Location : Window						
Glass Block	5%		LIFE	* *	5	\$400	
Parapets							
Masonry: Brick Cavity	95%		LIFE	* *	5	\$4,400	
Metal Panel	5%		2046	* *	5	\$900	
Roof							
Single Ply Membrane	95% Now	\$22,100	2026	\$221,500			
	Miss/Damaged Flas	_					
		Vindows Facing Gai					
	Water Penetration, I						
	_	Floor At Junction V		-			
	Other Observation,		Area Affe	cted : 30%			
	Location: Garage	=					
	Explanation : Sola	r Panels					
Skylight, Plastic	5%		2039	* *	1		
terior							
Floors Cast in Place Concrete	600/		TIDD	* *	=	¢07.700	
	60%	¢20,200	LIFE	* *	5	\$97,700	
Cast in Place Concrete	20% Now	\$30,300	LIFE		5	\$32,600	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20% Location : Garage Floor						
	Drains Inad/Misposi		e Area Ai	fected · 50%			
	Location : Garage		c, 111 cu 11j	jeelea . 3070			
Ceramic Tile	15%	- 1007	2035	* *	5	\$11.200	
Vinyl Tile	13% 5%		2033	* *	5 3	\$11,200 \$1,400	
Interior Walls	J /0		2031		3	\$1,400	
Concrete Masonry Unit	90%		LIFE	* *	5	\$10,900	
Concrete Masoni y Onit	Water Penetration, I	Extent : Moderate. A			3	Ψ10,200	
	Location: Locker		1 -5,5 00				
Fabric on Framing	10%		2027	\$301,000	5	\$1,500	
Tablic on Framing	10/0		2021	φ301,000	J	\$1,500	

 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 QUEENS EAST 13 GARAGE

Asset #: 2009

Architecture	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	20%		2031	* *	5	\$14,900	
Exposed Struc: Steel	80%		LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location: Garag	e Floor					

Electrical	Current Repair	Future Rep	olacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2036	* *	5	\$200	
	Other Observation, Extent : Mod	'erate, Area Affected :	100%			
	Location : Electrical Room					
	Explanation: Bolted Pressure	Contact Main Service	Switch Rate	d @ 2000) Amperes	
Switchgear / Switchboard						
Fused Disc Sw	100%	2036	* *	5	\$200	
Raceway						
Conduit	100%	2036	* *	1		
Panelboards						
Fused Disc Sw	5%	2034	* *	5	\$100	
Molded Case Bkrs	95%	2034	* *	5	\$1,400	
Wiring						
Thermoplastic	100%	2036	* *	1		
Motor Controllers						
Locally Mounted	5%	2031	* *	5		
Motor Control Center	95%	2031	* *	5	\$1,400	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$800	
	Other Observation, Extent: Mod	erate, Area Affected :	100%			
	Location: Boiler Room					
	Explanation: Covered With In.	sulation				
ighting						
Interior Lighting						
Fluorescent	20%	2026	\$21,300	10	\$9,100	
	Other Observation, Extent : Mod	lerate, Area Affected :	100%			
	Location : Offices					
	Explanation: T-8 Lamps					
HID	80%	2026	\$317,700	10	\$1,300	
Egress Lighting					· · · · ·	
Emergency, Battery	5%	2026	\$3,300	10	\$600	
Exit, Service	95%	2026	\$12,500	1	, 300	
Exterior Lighting			, 0			
Under Construction	100%					
Alarm	10070					

Alarm

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

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

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

Asset #: 2009

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Alarm				
Fire/Smoke Detection				
No Component	80%			
Generic, Analog	20%	2026 \$112,300	1-3 \$6,800	
, ,	Other Observation, Extent : Moderate	e, Area Affected : 100%		
	Location : Offices And Hallways			
	Explanation : Smoke Detector, Man	ual Pull Station Horns		

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	40%			2036	* *	1		
Interruptible Gas/Dual Fuel	60%			2036	* *	1		
Conversion Equipment								
Furnace	Location Other Obs	oning, Exte n : 3 Out Of servation, E	\$7,100 nt : Severe, Area A `8 Units Throughor xtent : Light, Area out Garage	ut		1	\$8,900	
		tion : 8 Un	_					
Hot Water Boiler	60%			2046	* *	1	\$14,800	
not water Boner	Recent In		Extent : Light, Area ·		! : 100%	1	Ψ14,000	
Distribution								
Hot Wtr Piping/Pump	60%			2034	* *	4	\$2,200	
No Component	40%							
Terminal Devices								
Air Handler	40%			2021	\$104,800	1	\$12,300	
Convector/Radiator	20%			2024	\$91,800	1	\$3,200	
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment Exterior Pkg Unit - Cooling	20%	0-2	\$9,000	2026	\$44,900	2	\$500	
2 :8	Not in Ser	vice, Exten	t : Severe, Area Aff	ected : 1	00%			
	Location		, 33					
			xtent : Light, Area	Affected	: 15%			
	Location			33				
		tion : 1 Uni	t					
Window/Wall Unit	10%		-	2021	\$10,000	1		
No Component	70%			2021	φ10,000	1		
140 Component	7070							

Maintenance \$ are aggregated over a 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 #: 2009

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection	2004			2026	Φ1 Ξ 100	•	Φ. σ. ο ο ο	
Remote Air Cond	20%			2026	\$17,400	2	\$6,900	
No Component	80%							
Ventilation								
Distribution Ductwork/Diffusers	1000/			LIDE	* *	2.5	¢27.700	
	100%			LIFE		2-5	\$27,700	
Exhaust Fans Interior	20%	0-2	\$3,200	2026	\$10.700	2	\$200	
menor			\$5,200 nt : Severe, Area Aj		\$10,700	Z	\$200	
	Location		m . severe, Area Aj	јестеа .	100%			
Roof	80%			2026	\$30,900	2	\$1,200	
Plumbing					· · · · · · · · · · · · · · · · · · ·			
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2019	\$11,300	2	\$700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2026	\$4,700	1	\$3,100	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	\$26,000	
Sprinkler								
Generic	100%			2036	* *	1-2	\$13,900	

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : QUEENS EAST 7 GARAGE

Address : 120-01 31 AVENUE BTWN: 30 AVE. - 31 AVE.

Borough : QUEENS Agency's Number : N/A

Date of Survey : 16-Jun-2016 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 4346 Lot : 75 BIN : 4438018

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$911,900	\$741,200
Interior Architecture	\$866,600	\$446,100
Electrical		\$646,900
Mechanical	\$94,700	\$371,000
Total	\$1,873,300	\$2,205,200
Importance Code A	\$911,900	\$834,000
Importance Code B	\$852,800	\$1,266,300
Importance Code C	\$108,600	\$104,900
Total	\$1,873,300	\$2,205,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$6,300		\$2,000	
Interior Architecture	\$54,500			\$4,700
Electrical	\$7,900	\$600	\$2,200	\$2,200
Mechanical	\$63,000	\$14,700	\$43,900	\$15,600
Total	\$131,700	\$15,300	\$48,000	\$22,500
Importance Code A	\$7,900	\$3,600	\$3,600	\$3,600
Importance Code B	\$102,200	\$11,700	\$44,400	\$18,900
Importance Code C	\$21,700			
Total	\$131.700	\$15,300	\$48,000	\$22,500



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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 #: 139

Architecture	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Exterior Walls Concrete Masonry Unit	65% 0-2 \$195,000 Int Mortar Miss/Erod, Extent : Modera Location : All Facades	LIFE ** ute, Area Affected : 25%	5	\$30,300	
Metal Coiling Doors	35% Now \$289,300 Corrosion/Rusting, Extent: Moderate, Location: Perimeter Garage Doors Deformed/Dented, Extent: Moderate, Location: East Facade		5	\$40,800	
Windows					
Aluminum	95% Now \$248,600 Air Infiltration, Extent: Moderate, Are Location: Throughout Hardware Missing, Extent: Moderate, Location: Throughout Misaligned/Bulging, Extent: Moderate Location: Throughout Water Penetration, Extent: Moderate, Location: Throughout	Area Affected : 40%	5	\$3,000	
Matal Laurens		2030 **	10	\$2,000	
Metal Louvers Parapets	5%	2030 **	10	\$2,000	
Concrete Masonry Unit Pre-Cast Concrete	90% 10%	LIFE ** LIFE **	5-10	\$49,100 \$12,500	
Roof Modified Bitumen	98% Now \$140,100 Blisters, Extent: Moderate, Area Affec Location: Various Locations Throug	hout)		
	Seams Open/Split, Extent: Moderate, A Location: Various Locations Throug				
	Water Penetration, Extent: Moderate, Location: At Roof Penetrations				
Skylight, Plastic	2%	2032 * *	1		
nterior					
Floors Cast in Place Concrete	85% Now \$518,100 Cracking/Crumbling, Extent: Moderate Location: Garage Area Misaligned/Bulging, Extent: Moderate		5	\$278,900	
	Location : At Entry Door Aprons Worn/Eroded, Extent : Moderate, Area Location : At Floor Drains	Affected: 15%			
Ceramic Tile	5%	2036 * *	J	\$7,500	
Terrazzo	5% Worn/Eroded, Extent : Moderate, Area	LIFE ** Affected: 40%	5	\$11,700	
	Location: First Floor				

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

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

Asset #: 139

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	75%			LIFE	* *	5	\$125,900	
Glass: Single Pane	2%			LIFE	* *	5	\$6,300	
Metal Panel	3%			LIFE	* *	10	\$2,800	
SGFT/Glazed Masonry	15%			LIFE	* *	10	\$15,700	
Wood	5%	Now	\$45,600	LIFE	* *	5	\$42,000	
	Misaligne	d/Bulging,	Extent : Moderate,	Area Aff	fected : 40%			
	Location	ı : Through	out First Floor					
Ceilings								
AcousTileSusp.Lay-In	15%	Now	\$17,800	2032	* *	5	\$11,300	
	Broken/M	issing Elem	ents, Extent : Mode	erate, Ar	ea Affected : 15%			
	Location	ı : Offices A	And First Floor Ha	llway.				
	Staining/L	Discoloring,	Extent: Moderate	, Area A	ffected : 20%			
	Location	ı : Offices A	And Telephone Serv	ice Roor	n.			
	Water Per	netration, E	xtent : Moderate, A	rea Affe	cted : 10%			
	Location	ı : Offices						
Exposed Concrete	5%			LIFE	* *	5-10	\$9,400	
Exposed Struc: Steel	80%			LIFE	* *	10	\$240,000	
	Water Per	netration, E	xtent : Moderate, A	rea Affe	cted : 5%			
	Location	ı : Garage 1	Area					

ectrical	Current Repair	Futur	Future Replacement		aintenance	
stem Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2027	\$2,500	5	\$500	
	Other Observation, Extent: Mod	'erate, Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation: One 2500 Amps					
Transformers						
Dry Type	100%	2025	\$15,400	5	\$400	
	Other Observation, Extent : Ligh	t, Area Affected	: 10%			
	Location : Mechanical Room					
	Explanation : One 75 Kva 480/	277v Pri -208/1	20v Sec			
Switchgear / Switchboard						
Fused Disc Sw	100%	2027	\$71,600	5	\$500	
Raceway						
Conduit	100%	2027	\$14,600	1		
Panelboards						
Fused Disc Sw	10%	2026	\$4,400	5	\$200	
Molded Case Bkrs	90%	2026	\$39,400	5	\$2,600	
Wiring						
Thermoplastic	100%	2027	\$31,900	1		

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

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

Asset #: 139

Electrical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Motor Controllers							
Locally Mounted	10%		2025	\$9,100	5	\$100	
Motor Control Center	90%		2025	\$18,900	5	\$2,600	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$3,200	
Lighting							
Interior Lighting							
Fluorescent	20%		2035	* *	10	\$19,800	
	Other Observation, Location : Offices,	Extent : Moderate, A Hallway And Locke		cted : 100%			
	Explanation: T-8	Lamps					
Fluorescent	5%		2032	* *	10	\$5,000	
	T-5 Lamps And Fixton Location: Mechan		ate, Are	a Affected : 100%			
HID	75%		2035	* *	10	\$2,600	
Egress Lighting							
Emergency, Battery	20%		2022	\$28,400	10	\$5,200	
Emergency, Battery	30%		2032	* *	10	\$7,800	
Exit, Service	40%		2022	\$11,400	1		
Exit, Service	10%		2032	* *	1		
Exterior Lighting							
HID	100%		2022	\$398,200	10	\$300	
Alarm							
Fire/Smoke Detection							
No Component	90%						
Generic, Digital	10%		2027	\$109,200	1-3	\$6,900	

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				
Energy Source				
Natural Gas	60%	2037 **	1	
	Other Observation, Extent : Light, Area	Affected : 100%		
	Location : Throughout			
	Explanation: Serves Gas Fired Unit	Heaters And Roof Top Units	S	
Interruptible Gas/Dual Fuel	40%	2053 **	1	
	Other Observation, Extent : Light, Area	Affected : 100%		
	Location : Side Of Building			
	Explanation: 1 - 2,500 Gallon Buried	l Tank For #2 Fuel, Serves I	Boilers	

Maintenance \$ are aggregated over a 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 #: 139

Mechanical		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Hot Water Boiler	Location	servation, 1 1 : Boiler K tion : 2 Bo		2044 Affected	* * !: 100%	1	\$16,000	
Radiant Heater Under Construction	20% 50%			2027	\$92,900	2	\$10,000	
Distribution Hot Wtr Piping/Pump No Component	40% 60%			2043	* *	4	\$3,200	
Terminal Devices Convector/Radiator Fan Coil Unit/Heat		0-2 oning, Exte 1 : Through	\$94,700 ent : Severe, Area A out	2040 2032 ffected :	* * * *	1	\$14,000 \$9,400	
No Component	30%							
Air Conditioning Energy Source Electricity	100%			2043	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	40%			2027	\$278,200	2	\$2,600	
	Location Explana using 41	n : Roof	Extent : Severe, Are ch Environment Affe rant.					
No Component	60%							
Distribution Ductwork/Diffusers Ventilation	100%			LIFE	* *	2	\$175,600	
Exhaust Fans Under Construction	100%							
Plumbing H/C Water Piping Galv Iron/Steel	100%			2040	* *	1		
Water Heater Gas Fired	Location	ı : Boiler R	Extent : Light, Area Ooom its Share Storage T		\$24,500 !: 100%	2	\$1,600	
Sanitary Piping					* *	1		
Cast Iron Storm Drain Piping Cast Iron		0-2 lent, Extent 1 : Through	\$14,700 : Severe, Area Affe	LIFE LIFE cted : 10	* *	1		

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

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

DEPARTMENT OF SANITATION - 827 QUEENS EAST 7 GARAGE

Asset #: 139

Mechanical	Current R	epair	Future F	Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Backflow Preventer							
Generic	100%		2032	* *	1	\$6,600	
Fixtures							
Generic	100%						
Fire Suppression							
Standpipe							
Generic	100% Now	\$7,500	2047	* *	1-5	\$38,300	
	Other Observation, Ex	tent : Moderate, A	Area Affecte	ed: 50%			
	Location: Garage						
	Explanation: 1 Cons	nection Recently U	Jsed For Fi	re, Connected H	lose Ice l	Filled	
Sprinkler							
Generic	100%		2047	* *	1-2	\$30,200	
	Other Observation, Ex	tent : Severe, Ared	a Affected :	5%			
	Location: Boiler Ro	om					
	Explanation : Relief	Valve Not Workin	g				

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : QUEENS EAST 7A GARAGE ANNEX

Address : 120-15 31 AVENUE BTWN : 30 AVE. - 31 AVE.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOS0022.010 / 13725 Yr Built/Renovated : 2005 /

Area Sq Ft : 100,534 Project Type : SANITATION

Date of Survey : 16-Jun-2016 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 4346 Lot : 75 BIN : 4802407

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$566,800	\$131,500
Interior Architecture	\$326,000	\$75,200
Mechanical	\$36,000	
Total	\$928,700	\$206,700
Importance Code A	\$602,800	\$131,500
Importance Code B	\$326,000	\$75,200
Total	\$928,700	\$206,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$34,300			
Interior Architecture	\$54,200		\$12,200	\$1,800
Electrical	\$3,700	\$900	\$2,400	\$900
Mechanical	\$82,000	\$16,000	\$37,700	\$15,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$178,200	\$20,900	\$56,300	\$21,700
Importance Code A	\$37,800	\$5,000	\$5,000	\$5,000
Importance Code A Importance Code B	\$37,800 \$126,400	\$5,000 \$15,900	\$5,000 \$51,300	\$5,000 \$15,000
•	1	1 - 9		



Maintenance \$ are aggregated over a 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 #: 13725

Architecture		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	Priority
xterior	•							•
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	\$24,100	
Masonry: Brick Cavity	70%			LIFE	* *	5	\$168,800	
Metal Panel	3%	Now	\$4,300	2047	* *	5	\$6,800	
	Corrosion/	Rusting, E.	xtent : Light, Area	Affected	: 5%			
	Location	: West Fac	rade					
	Other Obse	rvation, E	xtent : Moderate, A	Area Affe	cted : 100%			
	Location	: West Fac	rade					
	Explanati	on : This (Component Is Actu	ally Steel	l Plate			
Metal Coiling Doors	25%	Now	\$167,000	2040	* *	5	\$47,100	
Tizeur Coming Zoors			xtent : Moderate, A		cted : 20%	Ü	Ψ.,,100	
		: Through		33				
			Extent : Moderate,	Area Aft	fected : 20%			
		: Through						
Windows								
Aluminum	15%			2043	* *	5	\$400	
Metal Louvers	85%			2036	* *	10	\$15,800	
Parapets							•	
Masonry: Brick Cavity	85%			LIFE	* *	5-10	\$177,500	
Masonry: Brick Cavity	10%			LIFE	* *	5-10	\$20,900	
•	Recent Rep	air Eviden	t, Extent : Light, A	rea Affec	cted : 10%			
	Location	: North Ea	st And South East	Corners	Of Parapet			
Pre-Cast Concrete	5%			LIFE	* *	5	\$19,200	
Roof							· / /	
Modified Bitumen	91%	Now	\$146,000	2032	* *			
	Water Pene	etration, E	xtent : Light, Area		: 10%			
			Penetrations Over					
Paver: Asphalt	5%			2036	* *	10	\$21,200	
Skylight, Metal/Glass	1%	Now	\$8,100	2047	* *	10	Ψ21,200	
Skyligit, Wetti, Olass	- / -		ked, Extent : Mode		ea Affected : 10%			
			rd Floor Lobby	,				
Skylight, Plastic	3%			2040	* *	1		
terior	3%			ZU4U		1		

Interior

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

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

Asset #: 13725

Chitecture Current Repair		Future Replacement		Maintenance				
ystem Component Type		ail Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Floors Ceramic Tile	15%			2040	* *	5	\$22,600	
Traffic Topping		Now	\$36,500	2040	* *	5 5	\$22,600	
Traine Topping		umbling,	Extent : Moderate,		ffected : 25%	3	\$9,400	
		vation, E.	xtent : Severe, Ared	a Affecte	d : 15%			
		-	Drain Is Inadequa	te Desig	ned. Finished Top	ping Dela	aminating	
Traffic Topping		2-4 umbling,	\$63,800 Extent : Light, Are	2032 a Affecte	* * ed : 25%	5	\$65,800	
	_	_	Locations Through					
			Extent : Light, Ared Locations Through					
Vinyl Tile	5%			2032	* *	3	\$2,800	
Interior Walls							·	
Ceramic Tile	10%			2036	* *	5	\$3,600	
Concrete Masonry Unit	73%			LIFE	* *	5	\$20,800	
Glass: Single Pane	2%			LIFE	* *	5	\$1,100	
Gypsum Board	5%			LIFE	* *	5-10	\$3,000	
Masonry: Brick	10%			LIFE	* *	10	\$1,100	
Ceilings								
AcousTileSusp.Lay-In		Now	\$23,800	2040	* *	5	\$15,000	
	Broken/Missi Location : 0	_	ents, Extent : Mode Room	erate, Ar	ea Affected : 10%			
	Staining/Disc	coloring,	Extent : Moderate	, Area A	ffected : 10%			
	Location : 1	Lunch Ro	oom And Control R	oom				
Exposed Struc: Steel	75%			LIFE	* *	10	\$225,700	
-			xtent : Light, Area . Pentrations Above (
Gypsum Board	5%			LIFE	* *	5-10	\$25,900	

Electrical	ctrical Current Repair		eplacement	M		
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2047	* *	5	\$400	
	Other Observation, Extent: Moderate	, Area Affecte	d : 100%			
	Location : Electrical Room					
	Explanation: One 4000 Amps Main	Disconnect Sv	witch			
Switchgear / Switchboard						
Fused Disc Sw	100%	2047	* *	5	\$400	
Raceway						
Conduit	100%	2047	* *	1		

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

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

Asset #: 13725

Electrical	Current F	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts							
Panelboards							
Fused Disc Sw	10%		2043	* *	5	\$200	
Molded Case Bkrs	90%		2043	* *	5	\$2,400	
Wiring							
Thermoplastic	100%		2047	* *	1		
Motor Controllers							
Locally Mounted	10%		2040	* *	5	\$100	
Motor Control Center	90%		2040	* *	5	\$2,500	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$3,000	
Lighting							
Interior Lighting							
Fluorescent	15%		2032	* *	10	\$13,800	
	Other Observation, E		Area Affe	cted : 100%			
	Location : Offices A						
	Explanation: T-8 L	amps					
Fluorescent	5%		2032	* *	10	\$4,600	
	Compact Fluorescent Location : 2nd Floo	=	derate, A	Area Affected : 100)%		
HID	80%		2035	* *	10	\$2,600	
Egress Lighting						* *	
Emergency, Battery	50%		2032	* *	10	\$12,100	
Exit, LED	40%		2055	* *	1	•	
Exit, Service	10%		2032	* *	1		
Exterior Lighting							
HID	100%		2032	* *	10	\$300	
Alarm							
Security System							
No Component	90%						
Generic	10%		2032	* *	1	\$3,800	
Fire/Smoke Detection							
No Component	90%						
Generic, Digital	10%		2032	* *	1-3	\$6,200	
, 2	Other Observation, E	xtent : Moderate, A	Area Affe	cted : 100%			
	Location : Through						
	Explanation : Strob	e Lights, Manual P	Pull Statio	ons, Alam Bells, Sn	noke Det	ectors 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 Energy Source Natural Gas	100%	2053 **	1	

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

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

Asset #: 13725

Mechanical	Currer	Current Repair Future Replacement Maintenance					
System		te Estimated Cost		Estimated Cost		Estimated Cost	Priority
Component	Total (Years		FY	Estimated Cost	(Yrs)	Listimated Cost	
Type Heating							
Conversion Equipment							
Furnace	50%		2032	* *	1	\$24,900	
		, Extent : Light, Area		: 100%		+- 1,5 0 0	
	Location : Garag						
	Explanation: Ga	s Fired Roof Top Un	its And G	as Fired Unit Hea	ters Hun	g In Garage	
	Space						
Furnace	30% 0-2	\$36,000	2037	* *	1	\$13,400	
		xtent : Moderate, Are					
		ge Ceiling And Roof I	Defective	Gas Fired Space H	Heaters, 1	Defective Hv Unit	
	Temperature Con	ntrols					
Hot Water Boiler	20%		2040	* *	1	\$9,900	
		, Extent : Light, Area	ı Affected	: 100%			
	Location : Boiler						
D:	Explanation: 3 I	Boilers Serve Office A	Areas				
Distribution	200/		2042	* *	4	¢1.500	
Hot Wtr Piping/Pump	20%		2043	4. 4.	4	\$1,500	
No Component	80%						
Terminal Devices Air Handler	10%		2032	* *	1	\$6,200	
Fan Coil Unit/Heat	10%		2032	* *	1 1	\$3,300	
No Component	80%		2032		1	\$5,500	
Air Conditioning	0070						
Energy Source							
Electricity	10%		2049	* *	1		
Natural Gas	10%		2053	* *	1		
No Component	80%				_		
Conversion Equipment							
Absorption	15% Now	\$7,900	2032	* *	1	\$14,700	
Chiller/Direct Fire							
		ent : Severe, Area Affe		9%			
	Location: 5 Out	8 Not Working On T	he Roof.				
		, Extent : Light, Area	Affected	: 100%			
	Location: Roof						
	Explanation : 8 (Chiller Units, Using F	R-717				
	Ranging In Duca	ress For 2 Of 8 Units					
Split Unit	5%	ress roi 2 G o omus	2035	* *			
No Component	5% 80%		2033				
Distribution	OU70						
Chilled Wtr Pipe/Pump	20%		2047	* *	4	\$1,500	
No Component	80%		2047		7	φ1,500	
Terminal Devices	0070						
Air Handler/Cool/Ht	20%		2032	* *	1	\$12,400	
No Component	80%		2032		1	Ψ12,400	
Heat Rejection	3070						
Remote Air Cond	100%		2032	* *	2	\$70,000	
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.

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

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

Asset #: 13725

Mechanical	Current Repair	Future F	Replacement	Ma		
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$88,800	
Exhaust Fans						
Roof		\$3,900 2032	* *	2	\$2,500	
	Malfunctioning, Extent: Sever	e, Area Affected : 60'	%			
	Location : Throughout					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2053	* *	1		
Water Heater						
Gas Fired	100%	2022	\$22,800	2	\$1,500	
	Other Observation, Extent : Li	ght, Area Affected : 1	100%			
	Location: Boiler Room					
	Explanation: 2 - 500 Gallon	Units				
Sanitary Piping	4.00-4					
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	100-1					
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
Generic	100%	2032	* *	1	\$6,200	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators	100-1					
Hydraulic	100%	LIFE	* *			
	Other Observation, Extent : Li	ght, Area Affected : I	100%			
	Location: 1, M, 2.					
	Explanation: 1 Unit					
Fire Suppression						
Standpipe	1000/	2052	* *	1.5	Φ <i>E</i> Ω 700	
Generic	100%	2053	~ *	1-5	\$50,700	
Sprinkler	1000/	2052	* *	1.0	#20.200	
Generic	100%	2053	* *	1-2	\$28,200	

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : QUEENS EAST 8/10/12 GARAGE

Address : 130-23 150TH AVE.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOS0049.000 / 4189 Yr Built/Renovated : 1964 /

Area Sq Ft : 105,000 Project Type : SANITATION

Date of Survey : 31-Jul-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,1m

Block : 11884 Lot : 1 BIN : 4257531

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$3,545,000	\$257,100
Interior Architecture	\$1,436,100	\$330,200
Electrical	\$1,001,100	\$156,700
Mechanical	\$49,600	\$479,400
Total	\$6,031,900	\$1,223,500
Importance Code A	\$3,545,000	\$302,000
Importance Code B	\$2,404,800	\$921,400
Importance Code C	\$82,000	
Total	\$6,031,900	\$1,223,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture				\$400
Interior Architecture		\$900		\$1,800
Electrical	\$8,200	\$1,200	\$46,800	
Mechanical	\$55,600	\$6,400	\$36,800	\$6,900
Total	\$63,800	\$8,500	\$83,600	\$9,000
Importance Code A	\$5,400	\$4,700	\$4,900	\$5,100
Importance Code B	\$58,400	\$3,000	\$78,800	\$4,000
Importance Code C		\$900		
Total	\$63,800	\$8,500	\$83,600	\$9,000



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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 #: 4189

chitecture	Current	Repair	Futur	e Replacement	M			
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
erior	l							
Exterior Walls								
Masonry: Brick	50% Now Cracking/Crumbling Location: Corners Jnt Mortar Miss/Ero Location: Through Rusting Masonry Sup Location: At Door	d, Extent : Moderat out ot, Extent : Moderat	e, Area A	Affected : 25%	5	\$61,800		
Metal Coiling Doors	50% Now	\$1,713,800	2030	* *	5	\$96,600		
	Broken/Missing Elen Location: North A Corrosion/Rusting, I Location: North A	nents, Extent : Mod nd South Facades Extent : Moderate, A	erate, Ar			\$75,500		
Windows								
Aluminum	5%		2041	* *	5	\$800		
Steel	95% Now Air Infiltration, Exte Location: West An	d East Facades			5	\$98,600		
	Bent/Warped Elements, Extent : Moderate, Area Affected : 50% Location : West And East Facades							
	Corrosion/Rusting, Extent : Moderate, Area Affected : 50%							
	Location: West And East Facades							
	Deteriorated Finish, Location : West An		Area Af	fected : 100%				
	Glazing Broken/Crac Location : West An		rate, Are	ea Affected : 50%				
Roof								
Single Ply Membrane	100% Now Miss/Damaged Flash Location : West An	0 .	2035 erate, Ar	* * rea Affected : 15%				
	Recent Repair Evide Location : Over Qi	_	rea Affe	cted : 10%				
	Seams Open/Split, E. Location : Through	xtent : Moderate, A	rea Affec	eted : 20%				
	Water Penetration, E Location : Garages	Extent : Moderate, A	rea Affe	cted : 20%				

Interior

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

Asset #: 4189

Current Repair Future Replacement						Maintenance		
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
90%	Now	\$257,600	LIFE	* *	5	\$277.400		
Cracking/ Location Punct/Tea Location Uneven Su Location	Crumbling, : Throught r/Impact Do : Throught urface, Exte : Garage I	Extent: Severe, A out amage, Extent: Mo out nt: Moderate, Are 12	rea Affec oderate, a Affecte	rted : 30% Area Affected : 15! d : 20%	%			
Cracking/ Location	Crumbling, e: Personne	Extent : Moderate el Areas	, Area Aj	ffected : 20%	3	\$5,300		
Location	: Personne	el Areas						
3%			2034	* *	5	\$1,700		
				* *				
22%	Now			* *	5	\$5,000		
Location Explana	: Interior l	Face Of Exterior V	Vall Of W	est Facade		42.100		
					5	\$3,400		
5%			LIFE	* *				
1.00/	0.2	¢111 200	2045	* *	5	\$7,000		
Cracking/ Location Water Per	Crumbling, a : Locker R aetration, E	Extent : Moderate ooms xtent : Moderate, A	, Area Aj	ffected : 25%	J	\$7,000		
			Affected	: 25%				
	_	\$434,700 xtent : Moderate, A	LIFE Area Affe	* * cted : 25%				
Location Cracking/ Location Water Pen Location Other Obs	e: Garages Crumbling, e: Garages etration, E. e: Garages ervation, E.	Extent : Moderate xtent : Moderate, A xtent : Moderate, A	, Area Aj Area Affe	ffected : 25% cted : 25%	5	\$52,800		
	90% Cracking/Location Uneven State Location 10% Cracking/Location Worn/Eros Location 10% Cracking/Location Cracking/Location Uneven State Location Worn/Eros Location Explana 10% Cracking/Location Water Pen Location Uneven State Location Worn/Eros Location Water Pen Location Cracking/ Location Uneven State Location Explana 10% Cracking/Location Water Pen Location Cracking/Location Uneven State Location Uneven State Uneven Un	90% Now Cracking/Crumbling, Location: Throughe Punct/Tear/Impact De Location: Throughe Uneven Surface, Exter Location: Garage In 10% 2-4 Cracking/Crumbling, Location: Personne Worn/Eroded, Extent Location: Personne 3% 60% 22% Now Cracking/Crumbling, Location: Interior In Cother Observation, E. Location: Interior In Explanation: Worn 10% 5% 10% 0-2 Cracking/Crumbling, Location: Locker R Water Penetration, E. Location: Locker R Worn/Eroded, Extent Location: Locker R Water Penetration, E. Location: Garages 60% 2-4 Broken/Missing Elem Location: Garages Cracking/Crumbling, Location: Garages Cracking/Crumbling, Location: Garages Cracking/Crumbling, Location: Garages Gomes Garages Cracking/Crumbling, Location: Garages Garages Cracking/Crumbling, Location: Garages Garages Other Observation, E.	90% Now \$257,600 Cracking/Crumbling, Extent: Severe, A Location: Throughout Punct/Tear/Impact Damage, Extent: Moderate, Are Location: Garage 12 10% 2-4 \$117,000 Cracking/Crumbling, Extent: Moderate Location: Personnel Areas Worn/Eroded, Extent: Moderate, Area Location: Personnel Areas 3% 60% 22% Now \$82,000 Cracking/Crumbling, Extent: Moderate Location: Interior Face Of Exterior W Explanation: Worn Eroded 10% 5% 10% 0-2 \$111,300 Cracking/Crumbling, Extent: Moderate Location: Locker Rooms Water Penetration, Extent: Moderate, A Location: Locker Rooms Worn/Eroded, Extent: Moderate, A Location: Garages 60% 2-4 \$434,700 Broken/Missing Elements, Extent: Moderate Location: Garages Cracking/Crumbling, Extent: Moderate Location: Garages Water Penetration, Extent: Moderate Location: Garages	90% Now \$257,600 LIFE Cracking/Crumbling, Extent: Severe, Area Affecte Location: Throughout Punct/Tear/Impact Damage, Extent: Moderate, Area Affecte Location: Throughout Uneven Surface, Extent: Moderate, Area Affecte Location: Garage 12 10% 2-4 \$117,000 2035 Cracking/Crumbling, Extent: Moderate, Area Affecte Location: Personnel Areas Worn/Eroded, Extent: Moderate, Area Affected Location: Personnel Areas 3% 2034 60% LIFE 22% Now \$82,000 LIFE Cracking/Crumbling, Extent: Moderate, Area Affected Location: Interior Face Of Exterior Walls At It Other Observation, Extent: Severe, Area Affected Location: Interior Face Of Exterior Wall Of W Explanation: Worn Eroded 10% LIFE 5% LIFE 10% 0-2 \$111,300 2045 Cracking/Crumbling, Extent: Moderate, Area Affected Location: Locker Rooms Water Penetration, Extent: Moderate, Area Affected Location: Locker Rooms Worn/Eroded, Extent: Moderate, Area Affected Location: Locker Rooms 30% 4+ \$434,700 LIFE Corrosion/Rusting, Extent: Moderate, Area Affected Location: Garages 60% 2-4 \$433,500 LIFE Broken/Missing Elements, Extent: Moderate, Area Affected Location: Garages Cracking/Crumbling, Extent: Moderate, Area Affected Location: Garages Water Penetration, Extent: Moderate, Area Affected Location: Garages Cracking/Crumbling, Extent: Moderate, Area Affected Location: Garages Water Penetration, Extent: Moderate, Area Affected Location: Garages Other Observation, Extent: Moderate, Area Affected Location: Garages	90% Now \$257,600 LIFE ** Cracking/Crumbling, Extent: Severe, Area Affected: 30% Location: Throughout Punct/Tear/Impact Damage, Extent: Moderate, Area Affected: 15: Location: Throughout Uneven Surface, Extent: Moderate, Area Affected: 20% Location: Garage 12 10% 2-4 \$117,000 2035 ** Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Personnel Areas Worn/Eroded, Extent: Moderate, Area Affected: 50% Location: Personnel Areas 3% 2034 ** 60% LIFE ** 22% Now \$82,000 LIFE ** Cracking/Crumbling, Extent: Moderate, Area Affected: 25% Location: Interior Face Of Exterior Walls At East West Facades Other Observation, Extent: Severe, Area Affected: 25% Location: Interior Face Of Exterior Wall Of West Facade Explanation: Worn Eroded 10% LIFE ** 10% 0-2 \$111,300 2045 ** Cracking/Crumbling, Extent: Moderate, Area Affected: 25% Location: Locker Rooms Water Penetration, Extent: Moderate, Area Affected: 25% Location: Locker Rooms Worn/Eroded, Extent: Moderate, Area Affected: 25% Location: Locker Rooms Worn/Eroded, Extent: Moderate, Area Affected: 25% Location: Locker Rooms Worn/Eroded, Extent: Moderate, Area Affected: 25% Location: Carages 60% 2-4 \$433,500 LIFE ** Broken/Missing Elements, Extent: Moderate, Area Affected: 25% Location: Garages Cracking/Crumbling,	Solution	Year Fail Date Estimated Cost Year Estimated Cost Cycle (Yrs)	

Maintenance \$ are aggregated over a 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 #: 4189

Electrical		Current Repair			e Replacement	M	aintenance		
System Component Type	% of 1 Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%			2025	\$2,500	5	\$500		
			nt : Moderate, 1		cted : 100%				
			oom/ Garage 1. rvice Switch Ra		OO Amnanas				
Switchgear / Switchboard	Ехріапан	on . Main se	vice Swiich Ka	iea @ 12	00 Amperes				
Fused Disc Sw	100%			2025	\$71,600	5	\$500		
Raceway	10070			2023	Ψ/1,000		Ψ300		
Conduit	90%			2025	\$13,200	1			
Conduit	10%	2-4	\$1,500	2055	* *	1			
	Corroded, I	Extent : Mode	erate, Area Affe		0%				
	Location	: Garage 12							
Panelboards									
Fused Disc Sw	10%	2-4	\$4,400	2050	* *	5	\$100		
		Corroded, Ex : Rolling Doo	tent : Moderate ors	, Area Afj	fected : 100%				
Molded Case Bkrs	90%			2024	\$39,400	5	\$2,500		
Wiring									
Thermoplastic	100%			2025	\$31,900	1			
Motor Controllers	= 0				* * * = 0 0	_	* 400		
Locally Mounted	50%			2023	\$45,700	5	\$400		
Motor Control Center	50%			2023	\$10,500	5	\$1,400		
Lighting Interior Lighting									
Fluorescent	25%			2020	\$50,300	10	\$21,600		
Tuorescent		rvation. Exte	nt : Moderate, 1			10	Ψ21,000		
			n And Offices	33					
	Explanati	on : T-8 Lam	ps						
HID	70%			2020	\$525,900	10	\$2,100		
HID	5%	Now	\$37,600	2035	* *		, ,		
	Malfunction	ning, Extent :	Moderate, Area	a Affected	d: 100%				
	Location	: Main Garag	ge Area						
Egress Lighting									
Exit, Service	90%			2020	\$22,300	1			
Exit, Service	10%	Now	\$1,500	2033	* *	1			
		_	: Moderate, Ar	ea Affecte	ed : 100%				
T. 4. 1. 1.1.1.1	Location	: 1st Floor							
Exterior Lighting	1000/			2020	¢207 200	10	\$200		
HID	100%			2020	\$387,300	10	\$300		

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

Heating

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

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

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

Asset #: 4189

Mechanical		Current I	Repair	Futu	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	80%			2035	* *	1		
Interruptible Gas/Dual	20%			2035	* *	1		
Fuel								
Conversion Equipment								
Furnace	Location Other Ob. Location	oning, Exte n : Ignition, servation, E	\$2,200 nt : Severe, Area A Various Areas In C Extent : Light, Area out Garage nits	Garage		1	\$16,800	
Furnace	Location Other Obs	oning, Exte n : Ignition, servation, E	\$2,200 nt : Severe, Area A Various Areas In C Extent : Light, Area out Garage	Garage		1	\$16,800	
Hot Water Boiler	20%			2042	* *	1	\$9,300	
Tiot water Boiler	Other Ob				! : 20%	•	Ψ,500	
Distribution								
Hot Wtr Piping/Pump No Component	20% 80%			2033	* *	4	\$900	
Terminal Devices Air Handler		ed in Place,	\$49,600 Extent : Severe, Ar or Fan Rooms	2035 rea Affec	* * ted : 10%	1	\$5,200	
Convector/Radiator No Component	10%			2023	\$86,800	1	\$3,000	
Air Conditioning	0070							
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment Exterior Pkg Unit - Cooling	5%			2030	* *	2	\$300	
S	Other Ob.		Extent : Light, Area	Affected	1:5%			
			it Using Refrigeran	t 410a				
Window/Wall Unit	Location	servation, E n : 2nd Floo	Extent : Severe, Are			1		
N. C			andoned Internal P	искаде (Inits			
No Component	80%							

Ventilation

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

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

Asset #: 4189

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	
/entilation								
Distribution								
Ductwork/Diffusers	20% 4+	\$7,900	LIFE	**	2-5	\$10,500		
	Insul. Deteriorating, I		Area Afj	tected : 5%				
	Location: Througho		A CC 4 -	4 . 2007				
	Other Observation, Ex Location : All Room		а Ађесте	d: 20%				
	Explanation : Regist		Nood Cl	aanina				
No Common and		ers Ana Dijjusers	iveeu Cie	eaning				
No Component Exhaust Fans	80%							
Roof	100% Now	\$7,300	2025	\$73,100	2	\$2,300		
Rooi	Malfunctioning, Exten	' /			2	\$2,300		
	Location : Roof	. severe, mean	jeerea .	1070				
Plumbing								
H/C Water Piping								
Brass/Copper	100%		2025	\$274,600	1			
Water Heater								
Oil Fired	100%		2023	\$28,500	1	\$2,700		
Sanitary Piping								
Cast Iron	100% Now	\$20,000	LIFE	* *	1			
	Blockage /Clogged, E.							
	Location : Chronic S	Sewage Cloggs At	Northwe	st Side				
Storm Drain Piping	1000/ 1	ØC 400	LIEE	* *	1			
Cast Iron	100% Now	\$6,400	LIFE		1			
	Blockage /Clogged, E. Location : Outside O		а Ајјесте	ea : 20%				
Sump Pump(s)	Locuiton : Ouiside C	darage o Ana 12						
Sump Pump(s) Submersible	100%		2018	\$6,500	4	\$2,500		
Backflow Preventer	100/0		2010	ψ0,500	<u>-</u> ⊤	Ψ2,500		
Generic Generic	100%		2025	\$8,900	1	\$5,800		
Fixtures				+ -,> -		+=,500		
Generic	100%							

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : QUEENS ENFORCEMENT 1

Address : 51-15 FLUSHING AVENUE (FRONT)

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOS0066.000 / 14757 Yr Built/Renovated :

Area Sq Ft : 8,702 Project Type : SANITATION

Date of Survey : 17-Jun-2016 Landmark Status : NONE

Areas Surveyed : Floors 1,2,ATT

Block : 2611 Lot : 447 BIN : 4834985

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$38,600	\$128,800
Interior Architecture		\$91,900
Electrical		\$48,400
Total	\$38,600	\$269,100
Importance Code A	\$38,600	\$128,800
Importance Code B		\$140,300
Total	\$38,600	\$269,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$79,800		\$34,900	
Interior Architecture	\$53,000		\$7,200	\$2,000
Electrical	\$8,100			\$100
Mechanical	\$1,400	\$800	\$1,800	\$800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$146,200	\$4,700	\$47,900	\$6,900
Importance Code A	\$80,200	\$400	\$35,300	\$400
Importance Code B	\$47,700	\$4,300	\$12,100	\$6,500
Importance Code C	\$18,300		\$400	
Total	\$146,200	\$4,700	\$47,900	\$6,900



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 QUEENS ENFORCEMENT 1

Asset #: 14757

rchitecture		Current l	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	\$4,700	
Masonry: Brick	80%	4+	\$28,000	LIFE	* *	5	\$19,000	
		r Miss/Eroe : All Faca	d, Extent : Modera des	te, Area 1	Affected : 15%			
Masonry: Fieldstone	8%	Now	\$16,000	LIFE	* *	5	\$1,400	
Masonly. I leidstone	Jnt Morta	r Miss/Ero	d, Extent : Modera est) Facade		Affected : 15%	3	Ψ1,400	
Masonry: Limestone	5%	(1)	,	LIFE	* *	5	\$1,800	
	Staining/L	Discoloring : North Fa	, Extent : Moderate acade		ffected : 15%	J	¥1,000	
Slate Panels	5%	Now	\$24,200	LIFE	* *	5	\$900	
	Cracking/	Crumbling,	Extent: Severe, A	rea Affec	cted : 20%			
			ive Banding - All F					
	Jnt Morta	r Miss/Ero	d, Extent : Severe, 1	Area Affe	ected : 15%			
	Location	: Sills And	l Decorative Bandi	ng Throi	ighout			
			Extent : Moderate, 1	Area Affe	ected : 10%			
		: Rear Fa						
	Explana	tion : Vege	tative Growth					
Windows								
Aluminum	100%		\$38,600	2026	\$128,800	5	\$1,400	
			ients, Extent : Seve	re, Area	Affected : 10%			
		: North F						
			ct, Extent : Severe,	Area Afj	fected : 75%			
		: Through						
			Extent : Moderate,	Area Afj	fected : 20%			
			or Windows					
			Extent : Light, Area	Affected	! : 100%			
		: Through						
	Explana	tion : Prote	ective Metal Grilles	7				
Parapets			** • •			_		
Masonry: Brick		Now	\$200	LIFE	**	5		
			xtent : Severe, Are					
	Location	: 3rd Floo	or (Attic) Wall At Si	tair And	Offices			
Metal Panel	1%			2037	* *	5		
No Component	90%							
Roof								
Metal Panel	93%			2040	* *	10	\$34,900	
Modified Bitumen	7%	Now	\$8,100	2037	* *			
			xtent : Severe, Are		d: 50%			
	Location	a: 3rd Floo	or Attic (Office) Are	ea -				

Interior

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

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

DEPARTMENT OF SANITATION - 827 QUEENS ENFORCEMENT 1

Asset #: 14757

rchitecture		Current F	Repair	Futur	e Replacement	Maintenance				
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
terior										
Floors										
Carpet	10%	Now	\$16,200	2029	* *	3	\$2,000			
	Worn/Eroa	Worn/Eroded, Extent: Severe, Area Affected: 100%								
	Location	: 3rd Floo	r Attic Offices							
Ceramic Tile	5%			2030	* *	5	\$700			
Vinyl Tile	85%	0-2	\$18,400	2027	\$91,900	3	\$4,200			
•	Broken/Mi.	ssing Elem	ents, Extent : Mode	erate, Ar						
	Location	: Corrido	s							
	Worn/Eroa	led, Extent	: Moderate, Area	Affected	: 40%					
		: Through		55						
Interior Walls										
Ceramic Tile	5%			2030	* *	5	\$800			
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,300			
Gypsum Board	55%			LIFE	* *	5-10	\$15,400			
Plaster	30%	Now	\$7,700	LIFE	* *	5	\$1,500			
	Water Pene	etration, E	xtent : Severe, Area	a Affecte	d : 15%					
			r Attic Offices							
Ceilings										
AcousTileSusp.Lay-In	100%			2040	* *	5	\$13,000			

Electrical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2027	\$2,500	5		
	Other Observation, Extent: 1	Moderate, Area Affe	ected : 100%			
	Location: Basement					
	Explanation : One 200 Amp	os Main Disconnect	Switch			
Raceway						
Conduit	100%	2027	\$13,600	1		
Panelboards						
Fused Disc Sw	2%	2026	\$300	5		
Molded Case Bkrs	98%	2026	\$14,300	5	\$200	
Wiring						
Thermoplastic	100%	2027	\$17,800	1		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
Lighting						
Interior Lighting						
Fluorescent	100%	2022	\$48,400	10	\$8,000	
	T-12 Lamps And Fixtures, Ex Location : Throughout The		ea Affected : 100%	í		
Egress Lighting						
Exit, Service	100%	2022	\$2,800	1		

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

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

DEPARTMENT OF SANITATION - 827 QUEENS ENFORCEMENT 1

Asset #: 14757

Electrical	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Exterior Lighting							
HID	100%		2022	\$32,100	10		

Mechanical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Fuel Oil No 2	100%		2047	* *	5	\$2,700	
Conversion Equipment							
Hot Water Boiler	100%		2032	* *	1	\$4,300	
Terminal Devices							
Convector/Radiator	100%		2032	* *	1	\$2,800	
Air Conditioning							
Energy Source							
Electricity	100%		2049	* *	1		
Conversion Equipment							
Window/Wall Unit	90%		2025	\$15,700	1		
No Component	10%						
Ventilation							
Distribution							
Ductwork/Diffusers	20%		LIFE	* *	2-5	\$1,500	
No Component	80%						
Exhaust Fans							
Roof	100%		2032	* *	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2047	* *	1		
Water Heater							
Electric	100%		2025	\$1,300	4	\$100	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)		<u> </u>					
Rigid Piping	100%		2032	* *	4	\$1,600	
Backflow Preventer							
Generic	100%		2032	* *	1	\$500	
Fixtures							
Generic	100%						

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : QUEENS NORTH BORO REPAIR SHOP

Address : 52-07 58TH STREET

Borough : QUEENS Agency's Number : N/A

 Program / Asset #
 : DOS0019.000 / 4430
 Yr Built/Renovated
 : 1985 / 2009

 Area Sq Ft
 : 189,270
 Project Type
 : SANITATION

Date of Survey : 21-May-2015 Landmark Status : NONE

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

Block : 2347 Lot : 55 BIN : 4054170

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$200,200	\$58,200
Interior Architecture	\$45,700	\$446,300
Electrical	\$104,200	\$1,192,800
Mechanical		\$1,165,100
Total	\$350,100	\$2,862,400
Importance Code A	\$200,200	\$58,200
Importance Code B	\$149,900	\$2,758,100
Importance Code C		\$46,200
Total	\$350,100	\$2,862,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture		\$34,700	\$7,000	\$7,400
Interior Architecture	\$27,300	\$11,300	\$6,400	\$18,800
Electrical	\$3,500	\$6,000	\$4,200	\$32,400
Mechanical	\$63,200	\$27,100	\$60,100	\$55,300
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$101,900	\$86,900	\$85,600	\$121,700
Importance Code A	\$9,400	\$44,100	\$16,300	\$17,100
Importance Code B	\$65,300	\$42,800	\$67,200	\$104,600
Importance Code C	\$27,300		\$2,100	



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 QUEENS NORTH BORO REPAIR SHOP

Asset #: 4430

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								
Fiberglass Panel	5%			2035	* *	5	\$14,000	
Masonry: Brick Cavity	78%			LIFE	* *	5	\$58,200	
Metal Panel	5%			2046	* *	5-10	\$25,600	
Metal Coiling Doors	10%			2039	* *	5	\$23,300	
Pre-Cast Concrete	2%			LIFE	* *	5	\$4,800	
Windows								
Aluminum	85%			2042	* *	5	\$5,400	
Glass Block	10%			LIFE	* *	5	\$400	
Metal Louvers	5%			2035	* *	10	\$2,000	
Parapets								
Concrete Masonry Unit	40%			LIFE	* *	5	\$4,500	
	Recent Re	epair Evider	nt, Extent : Light, A	rea Affe	cted : 25%			
	Location	n : Interior	Face					
Masonry: Brick Cavity	43%			LIFE	* *	5	\$4,300	
Metal Panel	2%			2046	* *	5	\$800	
Metal Rail	10%			2039	* *	5-10	\$18,000	
Stucco Cement	5%			2039	* *	5	\$1,300	
Roof								
Metal Panel	5%			2039	* *	10	\$11,500	
Modified Bitumen	25%	0-2	\$53,600	2031	* *			
		Extent : Mod n : Through	derate, Area Affecto out	ed : 15%				
		-	, Extent : Moderate ove 2nd Floor Offic		ffected : 25%			
	_		oderate, Area Affec Areas - Roof Impro					
	Reflective		xtent : Light, Area					
	Seams Op	_	ctent : Moderate, A	rea Affec	eted : 15%			
Traffic Topping	70%			2034	* *	10	\$146,600	
Tranic Topping	Loose/De		e, Extent : Severe, A Locations		cted : 25%	10	\$140,000	
	Other Ob	servation, E	Extent : Severe, Are k Parking Surfaces		d: 100%			
		tion : Recei	nt 2011 Repair Def		ırface And Slab To	Be Repa	uired Under	

Interior

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

DEPARTMENT OF SANITATION - 827 QUEENS NORTH BORO REPAIR SHOP

Asset #: 4430

Maintenance	Ma	Replacement	Future	Repair	Current F		Architecture
Cycle Estimated Cost Priority (Yrs)		Estimated Cost	Year FY	Estimated Cost	Fail Date (Years)	% of Total	System Component Type
							Interior
							Floors
3 \$33,800	3	\$280,500	2025			15%	Carpet
5 \$180,500	5	* *	LIFE			55%	Cast in Place Concrete
5 \$32,800	5	* *	LIFE	\$45,700	Now	10%	Cast in Place Concrete
		fected : 25%	, Area Af	Extent: Moderate	rumbling,	Cracking/C	
			op	Dock Near Tire Sh	Loading	Location	
		25%	Affected :	: Moderate, Area	ed, Extent	Worn/Erod	
			op	Dock Near Tire Sh	Loading	Location	
5 \$3,000	5	* *	2035			2%	Ceramic Tile
5 \$10,100		* *	2042			3%	Panel/Paver: Cer/Brk
3 \$8,400		\$186,900	2026			15%	Vinyl Tile
							Interior Walls
5 \$4,200	5	* *	2035			2%	Ceramic Tile
5 \$44,500	5	* *	LIFE			53%	Concrete Masonry Unit
5 \$1,700	5	* *	LIFE	\$27,300	Now	2%	Concrete Masonry Unit
. ,		Affected : 50%	re, Area A	ents, Extent : Seve	sing Elem	Broken/Mis	•
			ісе	At Tire Shop Entra	: Section A	Location	
		a Affected : 50%	vere, Are	amage, Extent : Se	/Impact D	Punct/Tear	
			ісе	At Tire Shop Entra	: Section A	Location	
5 \$7,900	5	* *	LIFE			5%	Glass: Single Pane
5 \$16,400		* *	LIFE			13%	Gypsum Board
		* *					• •
φ, 100	J	* *					
			- LII L			1070	
5 \$37,500	5	* *	2031			25%	
		* *					- ·
υ φ2,500	5	* *					
5 \$9,400	5	* *					
5 \$9 5 \$37 5 \$2	5 5 5	* * * * * * * * *	LIFE LIFE 2031 LIFE LIFE LIFE			15% 10% 25% 10% 60% 5%	Plaster SGFT/Glazed Masonry Ceilings AcousTileSusp.Lay-In Exposed Concrete Exposed Struc: Steel Gypsum Board

lectrical	Current Repair	Future Rep	lacement	Ma	aintenance	
vstem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2036	* *	5	\$800	
	Other Observation, Extent : Mod	erate, Area Affected :	100%			
	Location : Electrical Room					
	Explanation : 2 Main Service S	witches Rated @ 2000	Amperes E	ach		
Transformers						
Dry Type	100%	2031	* *	5	\$700	
	Other Observation, Extent: Mod	erate, Area Affected :	100%			
	Location : Electrical Room And	l Storage Room				
	Explanation : 112.5 Kva, 480/2	08/120v And 2- 30 Kv	а			
Switchgear / Switchboard						
Fused Disc Sw	100%	2036	* *	5	\$800	

 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 QUEENS NORTH BORO REPAIR SHOP

Asset #: 4430

Electrical	Current Repair	Current Repair Future Replacen		ement Maintenance			
System	% of Fail Date Estimated C	ost Year Es	stimated Cost	Cycle	Estimated Cost	Priority	
Component Type	Total (Years)	FY		(Yrs)			
Inder 600 Volts							
Raceway Conduit	100%	2036	* *	1			
Panelboards	100%	2030		1			
Fused Disc Sw	10%	2034	* *	5	\$400		
Molded Case Bkrs	90%	2034	* *	5	\$4,500		
Wiring	2070	2034			Ψ+,500		
Thermoplastic	100%	2036	* *	1			
Motor Controllers	10070	2030					
Locally Mounted	10%	2031	* *	5	\$100		
Motor Control Center	90%	2031	* *	5	\$4,600		
Ground					+ -,		
Grounding Devices							
Not Accessible	100%						
	Other Observation, Extent : Light, A	Area Affected : 0	%				
	Location: Water Meter Room						
	Explanation : Connected To Meta. With Insulation	l Water Pipe - Po	oint Of Contact	Not Visi	ble - Covered		
ighting							
Interior Lighting							
Fluorescent	60%	2031	* *	10	\$104,200		
	Other Observation, Extent : Modera		d : 100%				
	Location: Offices And Locker Ro	om					
	Explanation: T-8 Lamps						
HID	40%	2031	* *	10	\$2,500		
Egress Lighting							
Emergency, Battery	50%	2031	* *	10	\$22,800		
Exit, Service	50%	2031	* *	1			
Exterior Lighting							
HID	100%	2026	\$698,100	10	\$600		
Alarm							
Security System	000/						
No Component	80%	2026	#111 000		Ф1.4.100		
Generic	20%	2026	\$111,800	1	\$14,100		
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Exterior And Hallways						
Fire/Smoke Detection	Explanation: Cctv Camera And In	urusion Alarm					
	80%						
No Component	20%	2026	\$382 000	1 2	\$22.200		
Generic, Analog	20% Other Observation, Extent : Modera		\$382,900 d · 100%	1-3	\$23,300		
	Location : Hallways	не, лген Ајјесте	u . 100/0				
	Explanation : Smoke Detectors, Si	troha Liahta Pal	ls And Manual	Dull Stat	ions		
	Explanation . Smoke Detectors, St	TODE LIGHTS, Del	is Ana Manual	ı un sial	wis		

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost 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.

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

DEPARTMENT OF SANITATION - 827 QUEENS NORTH BORO REPAIR SHOP

Asset #: 4430

Mechanical	Current Repai	r Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source Natural Gas	100%	2036	* *	1		
Conversion Equipment						
Furnace	85%	2034	* *	1	\$79,500	
	Other Observation, Extent Location: Throughout Explanation: 3 New Poo) Cailina	Mount Units	
H (W (D)	Explanation: 3 New Roo		2 Inauci Oniis, 20 **			
Hot Water Boiler	15% Other Observation, Extent Location: Basement Boil Explanation: 1 Unit			1	\$14,000	
Distribution						
Hot Wtr Piping/Pump	15%	2034	* *	4	\$2,100	
No Component	85%					
Terminal Devices						
Convector/Radiator	15%	2031	* *	1	\$9,200	
Fan Coil Unit/Heat	25%	2026	\$691,900	1	\$15,300	
No Component	60%					
Air Conditioning						
Energy Source	1000/	2024	* *	1		
Electricity	100%	2034	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	40%	2034	* *	1	\$35,100	
Comp. Cimer	R-134a Refrigerant, Extens Location: Roof	t : Light, Area Affected	: 40%			
	Other Observation, Extent Location : Roof		40%			
	Explanation: 2 New Uni	ts.				
Ext Pkg Unit - Heating/Cooling	30%	2034	* *	2	\$3,500	
	Other Observation, Extent	: Light, Area Affected :	30%			
	Location: Roof					
	Explanation: 3 New Roo	f Top Package Units. R	2-410a			
No Component	30%					
Distribution						
Chilled Wtr Pipe/Pump	40%	2036	* *	4	\$3,700	
No Component	60%					
Terminal Devices						
Air Handler/Cool/Ht	40%	2026	\$219,800	1	\$46,800	
No Component	60%					
Heat Rejection						
Air Condenser Unit	40%	2034	* *	2	\$52,700	
No Component	60%					
Ventilation						
Distribution	1000/				4.27.72	
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$105,500	

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

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

DEPARTMENT OF SANITATION - 827 QUEENS NORTH BORO REPAIR SHOP

Asset #: 4430

Mechanical	Current I	Current Repair Future Replacement Maintenan		aintenance	се		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Exhaust Fans							
Interior	80% Now	\$16,300	2026	\$163,500	2	\$3,700	
	Not in Service, Exten		ected : 2	0%			
	Location: 1st Floo	r Repair Shop					
Roof	20%		2026	\$29,400	2	\$1,200	
Plumbing							
H/C Water Piping							
Brass/Copper	70%		2036	* *	1		
Galv Iron/Steel	30%		2031	* *	1		
Water Heater							
Gas Fired	100%		2024	\$43,000	2	\$2,800	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
•	Other Observation, E	-		: 100%			
	Location: (1) C, 1,						
E. G .	Explanation: 2 Un	its					
Fire Suppression							
Standpipe	100%		2036	* *	1 5	ቀ ሰብ ሰብሳ	
Generic	100%		2030	4. 4.	1-5	\$99,000	
Sprinkler	1000/		2026	* *	1.2	Φ <i>E2</i> 000	
Generic	100%		2036	* *	1-2	\$53,000	

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : QUEENS WEST 1 GARAGE / QW1

Address : 34-28 21ST ST.

Borough : QUEENS Agency's Number : N/A

Date of Survey : 08-Jul-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 523 Lot : 12 BIN : 4005787

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,378,800	\$36,500
Interior Architecture	\$1,324,800	\$94,200
Electrical		\$136,100
Mechanical	\$97,300	\$90,600
Total	\$2,800,800	\$357,400
Importance Code A	\$1,378,800	\$36,500
Importance Code B	\$1,033,600	\$320,900
Importance Code C	\$388,500	
Total	\$2,800,800	\$357,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$41,800			
Interior Architecture	\$31,800		\$3,100	\$300
Electrical	\$9,400		\$2,400	
Mechanical	\$54,100	\$3,400	\$18,500	\$3,600
Total	\$137,100	\$3,400	\$24,000	\$3,900
Importance Code A	\$43,300	\$1,600	\$1,700	\$1,600
Importance Code B	\$93,800	\$1,800	\$22,300	\$2,300
Importance Code C				
Total	\$137,100	\$3,400	\$24,000	\$3,900



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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 #: 4188

rchitecture	Current R	epair	Futur	e Replacement	M	aintenance	
rstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior	•		•				
Exterior Walls							
Cast in Place Concrete	5% Now	\$119,700	LIFE	* *	5	\$10,900	1
	Broken/Missing Eleme Location: Building		re, Area 1	Affected : 25%			
	Spalling, Extent: Seve Location: Building		: 50%				
	Worn/Eroded, Extent . Location: Building .		Affected :	50%			
	Other Observation, Ex Location: Foundation	on And Supporting	g Soil		7 . 4 1 1	11 71:	
	Explanation : Struct Architectural Report		suitaing's	Foundation Are N	ot Aaare	ssea in This	
Masonry: Brick	72% Now	\$553,400	LIFE	* *	5	\$31,300	1
Wasoniy. Brick	Diagonal Cracks, Extended Location: All Facad	ent : Severe, Area		: 50%	3	ψ31,300	1
	Misaligned/Bulging, E		oa Affect	od · 50%			
	Location : East Face		eu rijjecie	eu . 5070			
	Vertical Cracks, Exter		Affected :	25%			
	Location : All Facad		255 000000				
Masonry: Limestone	3% Now	\$139,200	LIFE	* *	5	\$1,000	1
	Broken/Missing Eleme Location: Window S	ents, Extent : Seve		Affected : 25%		Ψ1,000	-
	Jnt Mortar Miss/Erod Location: Window S	Extent : Severe, 1	Area Affe	cted : 100%			
Wood Overhead Doors	20% Now	\$268,700	2045	* *	5	\$21,700	
	Broken/Missing Eleme		re, Area A	Affected : 30%		, ,	
	Location : East Face	ıde					
	Deteriorated Finish, I	Extent : Severe, Ar	ea Affect	ed : 50%			
	Location: Througho	put					
	Split/Cracked, Extent	: Severe, Area Aff	ected : 50	0%			
	Location : East Face						
	Unit Inoperable, Exter		Affected :	20%			
***	Location : Througho	ut					
Windows	1000/ Name	¢207.900	2050	* *	5	\$26.500	1
Steel	100% Now Air Infiltration, Extend	-	2050 ffected : 1		5	\$36,500	1
	Location : North Fac						
	Corrosion/Rusting, Ex Location : North Fac		a Affected	d : 100%			
	Deteriorated Finish, E Location: North Fac		ea Affecto	ed : 100%			
	Thermally Inefficient, Location : Througho		rea Affec	ted : 100%			
	Other Observation, Ex Location: Througho	ctent : Moderate, A	Area Affe	cted : 20%			
	Explanation: Over T Blocked Up		per Of Wi	ndows Have Been	Removed	l And Openings	

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

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

DEPARTMENT OF SANITATION - 827 QUEENS WEST 1 GARAGE / QW1

Asset #: 4188

Architecture	Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Parapets							
Masonry: Brick	25% Now Cracking/Crumbling, Location: North A		LIFE , Area Aj	* * ffected : 25%	5	\$1,200	
	Int Mortar Miss/Erod Location: North A	l, Extent : Moderat	e, Area A	Affected : 50%			
Masonry: Limestone	5% Now Jnt Mortar Miss/Erod Location: Coping Worn/Eroded, Extent Location: Coping				5	\$300	
No Component	70%						
Roof							
Metal, Corrugated	100% Now Deformed/Dented, E. Location : Gutters A	At West Facade			1		
	Gut/DS Non Func/Ma Location: Through	out	55	,			
	Not Insulated, Extent Location : Through		ected : 10	00%			

Interior

Asset #: 4188

Ratal (Years) Ration: Garage extion Evident, ation: Garage is Clogged, Extiation: Through is Inad/Mispostation: Through in Surface, Extiation: Garage Observation, ation: Garage lanation: Struck Architectural Ration: Mowing/Crumbling ation: Toilet Kartal	\$437,600 g, Extent: Moderate e Area Extent: Severe, Area etent: Severe, Area chout Garage Area etent: Moderate, Ar e Area Extent: Severe, Ar e Area Extent: Moderate With A e Survey \$11,200 g, Extent: Moderate	LIFE te, Area Affected: Affected: 5% And At Truck Area Affected: And At Truck rea Affected: Floor Slab Affected: 2034	50% k Wash Bay d: 100% k Wash Bay 75% 100% nd Building For	Cycle (Yrs) 5	\$94,200 Not Addressed In \$700	Priorit
ing/Crumbling ation: Garage ction Evident, ation: Garage s Clogged, Ex. ation: Throug s Inad/Mispos ation: Throug en Surface, Ext ation: Garage Observation, ation: Garage lanation: Stru Architectural 3% Now ing/Crumbling ation: Toilet K	g, Extent: Moderate Area Extent: Severe, Area Area Area Anout Garage Area Extent: Moderate, Are Area Extent: Severe, Are Extent: Severe, Area Actural Issues With Survey \$11,200 g, Extent: Moderate	te, Area Affected : Affected : 5% And At Truck Area Affected : And At Truck rea Affected : The Affected : The Affected : The Affected : The Affected :	cted: 50% 50% k Wash Bay d: 100% k Wash Bay 75% 100% nd Building For	undation	Not Addressed In	
ing/Crumbling ation: Garage ction Evident, ation: Garage s Clogged, Ex. ation: Throug s Inad/Mispos ation: Throug en Surface, Ext ation: Garage Observation, ation: Garage lanation: Stru Architectural 3% Now ing/Crumbling ation: Toilet K	g, Extent: Moderate Area Extent: Severe, Area Area Area Anout Garage Area Extent: Moderate, Are Area Extent: Severe, Are Extent: Severe, Area Actural Issues With Survey \$11,200 g, Extent: Moderate	te, Area Affected : Affected : 5% And At Truck Area Affected : And At Truck rea Affected : The Affected : The Affected : The Affected : The Affected :	cted: 50% 50% k Wash Bay d: 100% k Wash Bay 75% 100% nd Building For	undation	Not Addressed In	
ing/Crumbling ation: Garage ction Evident, ation: Garage s Clogged, Ex. ation: Throug s Inad/Mispos ation: Throug en Surface, Ext ation: Garage Observation, ation: Garage lanation: Stru Architectural 3% Now ing/Crumbling ation: Toilet K	g, Extent: Moderate Area Extent: Severe, Area Area Area Anout Garage Area Extent: Moderate, Are Area Extent: Severe, Are Extent: Severe, Area Actural Issues With Survey \$11,200 g, Extent: Moderate	te, Area Affected : Affected : 5% And At Truck Area Affected : And At Truck rea Affected : The Affected : The Affected : The Affected : The Affected :	cted: 50% 50% k Wash Bay d: 100% k Wash Bay 75% 100% nd Building For	undation	Not Addressed In	
Architectural 3% Now ing/Crumbling ation: Toilet K	Survey \$11,200 g, Extent : Moderat	2034	* *			
ing/Crumbling ation : Toilet F	g, Extent : Moderat			5	\$700	
ation : Toilet R	od, Extent : Modera	ate, Area Affe	ected : 25%			
5%	Cooms	2030	* *	5	\$3,700	
5% Now ing/Crumbling ation : Locker Eroded, Exten	\$20,600 g, Extent : Moderat Room, Lunch Roon nt : Moderate, Area Room, Lunch Roon	2035 te, Area Affec n 1 Affected : 50		3	\$900	
	<u> </u>					
ation : East Sid ing/Crumbling ation : Throug al Cracks, Ext	tent : Severe, Area	Entrance Area Affected Affected : 20	l : 30%	5	\$2,000	
n/Missing Eler ation : West Si	ide Columns And Ti evere, Area Affected	hroughout d : 50% out				
	cal Cracks, Ex ation: At Wind 75% Now en/Missing Ele ation: West St ing, Extent: Se	cal Cracks, Extent: Severe, Area ation: At Windows In Lunch Roo 75% Now \$344,800 en/Missing Elements, Extent: Sev ation: West Side Columns And Ting, Extent: Severe, Area Affected ation: At Columns And Througho	cal Cracks, Extent: Severe, Area Affected: 20 ation: At Windows In Lunch Room And Throu 75% Now \$344,800 LIFE en/Missing Elements, Extent: Severe, Area Aff ation: West Side Columns And Throughout ing, Extent: Severe, Area Affected: 50% ation: At Columns And Throughout	cal Cracks, Extent: Severe, Area Affected: 20% ation: At Windows In Lunch Room And Throughout 75% Now \$344,800 LIFE ** en/Missing Elements, Extent: Severe, Area Affected: 25% ation: West Side Columns And Throughout ing, Extent: Severe, Area Affected: 50%	cal Cracks, Extent: Severe, Area Affected: 20% ation: At Windows In Lunch Room And Throughout 75% Now \$344,800 LIFE ** en/Missing Elements, Extent: Severe, Area Affected: 25% ation: West Side Columns And Throughout ing, Extent: Severe, Area Affected: 50% ation: At Columns And Throughout cal Cracks, Extent: Severe, Area Affected: 25%	cal Cracks, Extent: Severe, Area Affected: 20% ation: At Windows In Lunch Room And Throughout 75% Now \$344,800 LIFE ** en/Missing Elements, Extent: Severe, Area Affected: 25% ation: West Side Columns And Throughout ing, Extent: Severe, Area Affected: 50% ation: At Columns And Throughout

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

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

Asset #: 4188

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2030	* *	5	\$2,500	
Exposed Struc: Steel	90%	4+	\$458,400	LIFE	* *			
_	Corrosion	Corrosion/Rusting, Extent: Moderate, Area Affected: 25%						
	Location	: Garage	Area					
Metal Panel	5%	0-2	\$40,400	LIFE	* *	5	\$3,100	
	Bent/Warp	ed Elemen	ts, Extent : Modera	ite, Area	Affected: 25%			
	Location	: Locker F	Room					
	Deformed	Dented, E	xtent : Light, Area	Affected .	: 20%			
	Location	: Locker F	Room					

Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	\$1,400	5	\$200	
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	: Electrica	al Room					
		ion : 3- 40 And Powe	0 Amperes For Equ r	ipment l	Power Panel And 1	- 600 An	peres For	
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	\$23,900	5	\$200	
Raceway								
Conduit	80%			2025	\$2,900	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	* *	5		
Molded Case Bkrs	10%			2024	\$1,500	5	\$100	
Molded Case Bkrs	85%			2047	* *	5	\$800	
Wiring								
Thermoplastic	70%			2025	\$5,600	1		
Thermoplastic	30%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	\$14,100	5	\$100	
Locally Mounted	50%			2030	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%	2-4	\$9,300	LIFE	* *	5	\$500	
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	: East Side	e Interior Wall					
	Explanat	ion : Corre	oded					

Lighting

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

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

lectrical	Current Repair		Future Replacement		Maintenance			
ystem Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
ghting								
Interior Lighting								
Fluorescent	15%	2025	\$10,600	10	\$4,600			
	T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
	Location: Locker Roon	ı, Office And Lounge						
HID	85%	2033	* *	10	\$900			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Garage							
	Explanation : Metal Ha	lide Fixtures						
Egress Lighting								
Emergency, Battery	10%	2025	\$4,400	10	\$800			
Emergency, Battery	40%	2033	* *	10	\$3,200			
Exit, Service	25%	2020	\$2,200	1				
Exit, Service	25%	2033	* *	1				
Exterior Lighting								
HID	100%	2025	\$136,100	10	\$100			

Mechanical	Curre	nt Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Da Total (Year	nte Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Interruptible Gas/Dual	100%		2035	* *	1		
Fuel							
Conversion Equipment							
Hot Water Boiler	100% 4+	\$1,500	2030	* *	1	\$14,700	
		ıg, Extent : Moderate,	Area Afj	fected : 80%			
	Location : Boile	r Room					
		ı, Extent : Light, Area	Affected	: 100%			
	Location: First	Floor					
	Explanation: 2	Dual Fuel Hot Water	Boilers				
Distribution							
Hot Wtr Piping/Pump	100% Now	\$32,500	2033	* *	4	\$1,600	
	Corroded, Extent : Severe, Area Affected : 50%						
	Location: Boile	r Room					
	Malfunctioning, E	xtent : Moderate, Are	a Affecte	d: 30%			
	Location: 1 Of 3	3 Defective Hot Water	Pumps				

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

Asset #: 4188

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating								
Terminal Devices								
Air Handler	40%			2025	\$69,700	1	\$8,200	
Convector/Radiator	20%			2030	* *	1	\$2,100	
Unit Heater-Stm/HW	5%			2033	* *	4	\$200	
		place Evide : Main Ga	ent, Extent : Light, . urage	Area Affe	ected : 15%			
Unit Heater-Stm/HW	10%			2025	\$20,900	4	\$300	
Unit Heater-Stm/HW	25%	Now	\$52,200	2035	* *	4	\$800	
		ervation, E : Main Ga	Extent : Moderate, A vrage Area	Area Affe	cted : 60%			
	Explana	tion : The U	Unit Heaters Are Be	eyond Th	eir Useful Life Cyc	le Rating	3	
Air Conditioning								
Energy Source	100%			2033	* *	1		
Electricity Conversion Equipment	100%			2033		1		
Window/Wall Unit	15%			2020	\$10,000	1		
No Component	85%			2020	\$10,000	1		
Terminal Devices	0370							
Direct Expansion	5%	Now	\$800	2035	* *	1		
2 need 2 npunsion			lerate, Area Affecte			-		
			uthwest Roll-up Do		2 Defective Spilt A	c Unit		
Direct Expansion	5%			2030	* *	1		
No Component	90%							
entilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	\$7,400	
No Component	60%							
Exhaust Fans				_				_
Interior	50%	Now	\$17,900	2035	* *	2	\$400	
	-	-	nt : Moderate, Ared					
			ırage Area, Multipl			ctrical D	efects	
			tent : Moderate, Ai trage Area, The Exi			ir Useful	Life Cycle	
Wall Unit	50%			2025	\$24,400	2	\$500	
lumbing	30/0			2023	Ψ27,700		Ψ500	
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater	100/0							
	100%			2023	\$7.500	2	\$500	
Gas Fired Sanitary Piping	100%			2023	\$7,500	2	\$500	

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

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

DEPARTMENT OF SANITATION - 827 QUEENS WEST 1 GARAGE / QW1

Mechanical	anical Current Repair		eplacement	Mai				
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Plumbing								
Storm Drain Piping								
Cast Iron	100% Now	\$45,100 LIFE	* *	1				
	Blockage /Clogged, Exten	t : Severe, Area Affected :	10%					
	Location: Near West Central Roll-up Door, Clogged Zip Trench							
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location: Throughout Main Garage Area							
	Explanation : Sewer Wat Down Pour	er Overwhelms Zip Trenc	hes Whenever	There Is A	Heavy Rain			
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
No Component	15%							
Generic	85%	2035	* *	1-5	\$14,200			

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : QUEENS WEST 5-A BROOM GARAGE

Address : 58-02 48 STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOS0059.010 / 13422 Yr Built/Renovated : 1999 /

Area Sq Ft : 37,000 Project Type : SANITATION

Date of Survey : 24-Jul-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2600 Lot : 1 BIN : 4307983

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$772,100	
Interior Architecture	\$149,200	\$91,900
Electrical		\$248,700
Mechanical		\$47,700
Total	\$921,300	\$388,300
Importance Code A	\$772,100	
Importance Code B	\$149,200	\$388,300
Total	\$921,300	\$388,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$33,400			\$3,800
Interior Architecture	\$15,500	\$3,500		\$500
Electrical	\$33,900	\$1,200	\$1,500	\$1,000
Mechanical	\$41,600	\$3,800	\$6,400	\$3,900
Total	\$124,400	\$8,500	\$8,000	\$9,200
Importance Code A	\$60,600	\$1,800	\$1,900	\$5,600
Importance Code B	\$59,400	\$6,700	\$6,000	\$3,600
Importance Code C	\$4,400			
Total	\$124,400	\$8,500	\$8,000	\$9,200



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

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

Architecture		Current	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Concrete Masonry Unit	60%		\$39,000	LIFE	**	5	\$3,000	
	_	Crumbling, 1 : Through	Extent : Moderate	, Area Aj	ffected: 15%			
			oui t : Moderate, Area .	Affactad	. 100%			
		nce, Extent 1 : Through		престеи	. 1070			
		_	e, Extent : Modera	te. Area .	Affected : 25%			
	-		cade, Throughout	,	-9,5			
			Extent : Moderate,	Area Afj	fected : 10%			
	Location	ı : East Fac	cade					
Metal Coiling Doors	35%	0-2	\$156,800	2045	* *	5	\$4,400	
	Corrosion	/Rusting, E	Extent : Moderate, A	Area Affe	cted : 50%			
	Location	ı : North Aı	nd South Facades					
	Deformed	l/Dented, E	xtent : Moderate, A	rea Affec	cted : 40%			
			nd South Facades					
			Extent : Moderate,	Area Afj	fected : 50%			
	Location		nd South Facades					
Window Wall	5%		\$900	2045	**	5	\$800	
	_	roken/Crac 1 : East Fac	rked, Extent : Mode	rate, Are	ea Affected : 5%			
Windows	Bocanor	i . Basi i ac						
Aluminum	97%			2041	* *	5	\$7,600	
Metal Louvers	3%			2034	* *	10	\$1,500	
Parapets							, ,	
Concrete Masonry Unit	90%	Now	\$212,300	LIFE	* *	5	\$9,400	1
			: Moderate, Area	Affected	: 15%			
		ı : Through						
			re, Extent : Severe,	Area Aff	ected : 50%			
		n : Through		4 66	1 250/			
			Extent : Severe, Ar	ea Affect	ed: 25%			
		n : Through	оит ent : Moderate, Are	a Affaata	.1.150/			
		1 искs, Exie 1 : Corners	m . Moderdie, Are	и Ајјесте	a . 1570			
Pre-Cast Concrete	10%		\$32,400	LIFE	* *	- 5	\$5,800	1
rie-Casi Coliciete			\$32,400 d, Extent : Severe, 1			5	\$3,800	1
		1 : Copings		1, 00 11996	u 50/0			
			Extent : Severe, Ar	ea Affect	red : 25%			
	_	0 0	out Copings	33				
		_	ed, Extent : Severe,	Area Aff	ected : 100%			
	_	ı : Copings		30				

Asset #: 13422

Architecture	С	urrent Re	pair	Futur	e Replacement	M	aintenance	
System Component Type		il Date I Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)		Now	\$364,000	2035	**			
			gs, Extent : Moae echanical Units	rate, Ar	ea Affected : 20%			
			tent : Moderate, A	rea Affe	ected · 25%			
	Location : A				20,0			
	Water Penetr	ation, Ext	ent : Moderate, A	rea Affe	cted : 20%			
	Location : 1	Locker Ro	oms, Bulkheads, S	Second F	Floor, Lunch Room	, Garage		
nterior								
Floors	700/	. T	¢07.400	TIPE	ታ ታ	~	ФО1 ООО	
Cast in Place Concrete		Now	\$85,400 Extent : Moderate,	LIFE	* *	5	\$91,900	
	Location : (xieni : Moaeraie,	Area Aj	ijeciea : 20%			
		_	Extent : Moderate	Area A	ffected · 25%			
	Location : 0	-	anem intouerune	,	ggeetea : 20 / o			
Ceramic Tile	13%			2034	* *	5	\$7,000	
Terrazzo	2%			LIFE	* *	5	\$800	
Vinyl Tile	7%			2030	* *	3	\$1,900	
Interior Walls								
Concrete Masonry Unit	80%	. T	# 4 400	LIFE	* *	5	\$6,500	
Concrete Masonry Unit		Now ks Extent	\$4,400 : Moderate, Area	LIFE		5	\$800	
	Location : (і Аујесте	a. 570			
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings	1070			LIIL				
AcousTileSusp.Lay-In	15%	0-2	\$63,900	2045	* *	5	\$4,000	
	Broken/Missi	ng Elemer	nts, Extent : Mode	rate, Ar	ea Affected : 25%			
	Location : 1							
	_	_	Extent : Moderate	-	ffected : 25%			
			oms, Second Floo		. 1 250/			
			ent : Moderate, A oms, Lunch Roon					
Exposed Strass Steel		ZOCKET NO	ms, Lunch Room		**			
Exposed Struc: Steel Gypsum Board	83% 2% I	Now	\$10,600	LIFE LIFE	* *	5	\$1,300	
Gypsum Doard			Extent : Severe, Ai			J	Ψ1,500	
	Location : I	_	,	33				
	Water Penetr	ation, Ext	ent : Severe, Area	Affecte	d : 25%			
	Location : I	Bulkheads						

Electrical	Current Repair			Futur	e Replacement	M		
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

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

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

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

Asset #: 13422

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Ex Location : Electrical Explanation : Main S	Room			5	\$200	
Switchgear / Switchboard Fused Disc Sw	100%		2035	* *	5	\$200	
Raceway	10070		2033			Ψ200	
Conduit	100%		2035	* *	1		
Panelboards Molded Case Bkrs	100%		2033	* *	5	\$1,000	
Wiring Thermoplastic	100%		2035	* *	1		
Motor Controllers					_		
Locally Mounted	50%		2030	* *	5	\$100	
Motor Control Center Ground	50%		2030	* *	5	\$500	
Not Accessible	100% Other Observation, Ex Location: Explanation: Covere			: 0%			
Lighting							
Interior Lighting Fluorescent	30% T-5 Lamps And Fixture Location : Garage	es, Extent : Model	2033 rate, Area	* * Affected : 100%	10	\$10,200	
Fluorescent	70%		2033	* *	10	\$23,800	
	T-8 Lamps And Fixture Location : Througho		rate, Area	Affected : 100%			
Egress Lighting							
Emergency, Battery	20%		2033	* *	10	\$1,600	
Exit, Service	80%		2033	* *	1		
Exterior Lighting HID	100%		2025	\$136,500	10	\$100	
Alarm	100/0		2023	Ψ130,300	10	φ100	
Security System No Component	70%						
Generic	30% Now Not in Service, Extent Location: Outside	\$32,800 : Moderate, Area	2035 Affected :	* *	1	\$3,700	
Fire/Smoke Detection No Component	70%						
Generic, Analog	30% Other Observation, Ex Location : Hallways	tent : Moderate, A	2025 Area Affed	\$112,300 cted: 100%	1-3	\$6,800	
	Explanation : Smoke	Detector, Strobe	Lights, M	anual Pull Station	!		

Maintenance \$ are aggregated over a 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 #: 13422

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	80%			2045	* *	1		
			Extent : Severe, Are	a Affecte	d : 1%			
	Location							
	Explanati Condition		s Fired Furnaces F ed	ound In	Electric Room - No	ot In Use	- Hazardous	
Interruptible Gas/Dual	20%			2045	* *	1		
Fuel								
Conversion Equipment								
Furnace	60% Not Energy Location		\$26,500 Extent : Moderate	2035 , Area A <u>f</u>	* * fected : 60%	1	\$9,900	
	Location Available	: Roof - Ad	t : Moderate, Area ecording To Buildi	ng Maint	enance, Replaceme	ent Parts	Are No Longer	
	Location .	Roof	Extent : Light, Area					
_		on : 9 Gas	s Fired Heating An					
Furnace	Location	: Ceiling (Extent : Light, Area Of Garage dine Units	2030 Affected	* * : 20%	1	\$3,700	
Hot Water Boiler	20%			2030	* *	1	\$3,700	
	Other Obse	rvation, E	Extent : Light, Area	Affected	: 20%			
	Location	: Boiler R	oom					
	Explanati	on: 2 Uni	its					
Distribution								
Hot Wtr Piping/Pump	20%			2041	* *	4	\$400	
No Component	80%							
Terminal Devices					_			
Convector/Radiator	15%			2038	* *	1	\$1,800	
Fan Coil Unit/Heat	5%			2025	\$27,100	1	\$600	
No Component	80%							
Air Conditioning								
Energy Source	1000/			2041	ታ ታ	1		
Electricity	100%			2041	* *	1		
Conversion Equipment	200/	Norre	¢2 400	2025	¢ 47 700	2	¢400	
Ext Pkg Unit - Heating/Cooling	20%	Now	\$2,400	2025	\$47,700	2	\$400	
neating/Cooming	Not in Som	ice Exten	t : Severe, Area Aff	ected · 1	0%			
			i . Severe, Area Ajj 2 Units On Roof	сиси. 1	O / U			
		gerant, Ex	tent : Light, Area A	ffected :	20%			
No Composert	80%	J						
No Component Ventilation	ðU%							

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.

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

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

Mechanical		Current	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%		\$6,200	LIFE	* *	2-5	\$20,600	
			loderate, Area Affe	cted : 5%				
	Location	: Garage						
Exhaust Fans	1000/	NT.	¢2.000	2020	* *	2	Φ000	
Roof	100%		\$2,900	2030		2	\$900	
	Not in Ser Location		t : Moderate, Area	Ајјестеа	: 30%			
Olemakia a	Localion	. коој						
Plumbing								
H/C Water Piping Brass/Copper	80%			2045	* *	1		
Galv Iron/Steel	20%			2043	* *	1		
Water Heater	2070			2030		1		
Gas Fired	100%			2024	\$8,400	2	\$500	
Sanitary Piping	10070			2024	ψ0,400		Ψ500	
Cast Iron	100%	Now	\$1,600	LIFE	* *	1		
Cust Hon			Extent : Severe, Are		d : 5%	•		
		ı : Wash Bo		33				
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2030	* *	1	\$2,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2045	* *	1-2	\$10,400	
Chemical System								
No Component	98%							
Generic	2%			2023	\$500	1-3	\$1,000	
			Extent : Light, Area	Affected	: 2%			
		: Garage						
	Explana	tion : Fuel	Station					

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : S.W.BROOKLYN MARINE TRANSFER STA

Address : BAY 41ST ST. AND GRAVESEND BAY

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOS0008.000 / 2018 Yr Built/Renovated : 1967 /

Area Sq Ft : 52,762 Project Type : SANITATION

Date of Survey : 13-May-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 6943 Lot : 2 BIN : 3170083

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$891,900	\$184,300
Interior Architecture	\$1,078,200	\$129,200
Electrical	\$377,100	\$526,000
Mechanical	\$161,900	
Total	\$2,509,100	\$839,500
Importance Code A	\$891,900	\$220,400
Importance Code B	\$1,375,500	\$619,100
Importance Code C	\$241,700	
Total	\$2,509,100	\$839,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture				
Interior Architecture	\$53,600			\$900
Electrical	\$9,300	\$700	\$700	\$33,700
Mechanical	\$31,500	\$900	\$2,200	\$1,700
Total	\$94,500	\$1,500	\$2,900	\$36,300
Importance Code A	\$1,100		\$1,100	\$100
Importance Code B	\$74,000	\$1,500	\$1,800	\$36,200
Importance Code C	\$19,300			
Total	\$94,500	\$1.500	\$2.900	\$36,300



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

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

DEPARTMENT OF SANITATION - 827 S.W.BROOKLYN MARINE TRANSFER STA

Architecture	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior		<u>'</u>			•
Exterior Walls					
Concrete Masonry Unit	25% Now \$263,50 Cracking/Crumbling, Extent: Light, Location: Throughout Other Observation, Extent: Light, An	Area Affected : 20%	5	\$20,500	
	Location: Throughout				
	Explanation : No Access To Interio Data Shown Is From Previous July		azardous	Condition Inside.	
Metal Panel	75% Now \$207,100 Deformed/Dented, Extent: Moderate Location: Throughout		5	\$184,300	
Windows					
Aluminum	100% Now \$278,700 Broken/Missing Elements, Extent: See Location: Throughout		5	\$3,400	1
Roof					
Metal Panel	75% Now \$101,40 Corrosion/Rusting, Extent : Moderat Location : Throughout				
Roll Roofing	25% 0-2 \$41,20	0 2028 **	5	\$8,500	
	Gut/DS Non Func/Miss, Extent: Mod Location: Throughout	lerate, Area Affected : 30%			
	Vegetation Growth, Extent : Light, A. Location : Throughout	rea Affected : 20%			
Interior Floors					
Cast in Place Concrete	85% Now \$120,000 Cracking/Crumbling, Extent: Light, Location: Throughout		5	\$129,200	
Ceramic Tile	5% Now \$65,80 Cracking/Crumbling, Extent : Severe Location : Throughout		5	\$1,700	
Vinyl Tile	10% Now \$57,70 Broken/Missing Elements, Extent : So Location : Throughout		3	\$2,600	

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

DEPARTMENT OF SANITATION - 827 S.W.BROOKLYN MARINE TRANSFER STA

Asset #: 2018

Architecture	Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	3%		\$14,300	2041	* *	5	\$300	
		_	Extent : Severe, A	rea Affeo	eted : 100%			
	Location	ı : Through	out					
Concrete Masonry Unit	65%	Now	\$74,700	LIFE	* *	5	\$4,600	
	Cracking/	Crumbling,	Extent: Moderate	, Area A	ffected : 40%			
	Location	ı : Through	out					
Gypsum Board	7%	Now	\$5,000	LIFE	* *	5	\$700	
	Cracking/	Crumbling,	Extent : Severe, A	rea Affec	eted : 100%			
	Location	ı : Through	out					
SGFT/Glazed Masonry	25%	Now	\$167,000	LIFE	* *			
•	Cracking/	Crumbling,	Extent : Severe, A.	rea Affec	eted : 100%			
	Location	ı : Through	out					
Ceilings								
AcousTileSusp.Lay-In	10%	Now	\$54,900	2046	* *	5	\$3,500	
	Cracking/	Crumbling,	Extent : Severe, A	rea Affec	eted : 100%			
	Location	ı : Through	out					
Exposed Concrete	25%	Now	\$109,200	LIFE	* *	5	\$2,700	
1	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 30%		. ,	
	Location	ı : Through	out		-			
Exposed Struc: Steel	60%	4+	\$428,900	LIFE	* *			
2			Extent : Moderate, A		cted : 40%			
		ı : Through		33				
Gypsum Board	5%		\$34,300	LIFE	* *	5	\$4,300	
Sypsum Doute	- , -		Extent : Severe, A.		eted : 100%	3	Ψ1,500	
	_	ı : Through		24 11,500				

Electrical	Current Repair	Futur	e Replacement	Ma	aintenance	
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2026	\$36,100	5	\$200	
	Other Observation, Extent : Light, Are	ea Affected	: 100%			
	Location: 1st Floor					
	Explanation: This Facility Is Closed this Data Is Old.	l And No A	ccess Due To Safe	ty And H	ealth Issues.	
Switchgear / Switchboard						
Fused Disc Sw	100%	2026	\$167,000	5	\$200	
Raceway						
Conduit	100%	2026	\$46,900	1		
Panelboards						
Molded Case Bkrs	100%	2025	\$94,900	5	\$1,400	
Wiring						

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

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

DEPARTMENT OF SANITATION - 827 S.W.BROOKLYN MARINE TRANSFER STA

Asset #: 2018

Electrical		Current F	Repair	Futur	e Replacement	cement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts									
Motor Controllers									
Locally Mounted	20%			2024	\$7,300	5	\$100		
Motor Control Center	80%			2024	\$127,200	5	\$1,200		
Ground									
Grounding Devices									
Generic	100%	2-4	\$9,300	LIFE	* *	5	\$800		
			xtent : Moderate, 1	Area Affe	cted : 100%				
	Location	: Water M	ain						
	Explana	tion : Corre	oded						
Lighting									
Interior Lighting									
Fluorescent	5%			2021	\$4,000	10	\$2,100		
			xtent : Moderate, 1	Area Affe	cted : 100%				
	Location	: Through	out						
	Explana	tion : Using	g T-12 Lamps						
HID	70%			2021	\$64,500	10	\$1,100		
Incandescent	25%			2021	\$118,000	2	\$300		
Egress Lighting									
Emergency, Battery	50%			2021	\$20,500	10	\$5,600		
No Component	50%								
Exterior Lighting									
HID	100%			2021	\$194,600	10	\$200		

Mechanical	Current Repai	r Future	Replacement	M	aintenance					
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Heating										
Energy Source										
Electricity	100%	2036	* *	1						
-	Other Observation, Extent	: Light, Area Affected :	100%							
	Location: D S N Y Presently Stores Sanitation Equipment That Has Come In Contact With									
	Hazardous Materials - A	ccess To Interior Not P	ermitted							
	Explanation : This Buildi	ing Is Currently Not In	Use - Data Is Fro	m Prior	July 2010 Survey					
Conversion Equipment										
Heat Pump	40%	2024	\$16,500	2	\$5,700					
	Other Observation, Extent : Light, Area Affected : 60%									
	Location: 1st Level									
	Explanation: 6 Units									
No Component	60%									
Air Conditioning										
Energy Source										
Electricity	100%	2034	* *	1						
Conversion Equipment										
Heat Pump	40%	2024	\$700	2	\$1,100					
No Component	60%									
Plumbing										

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.

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

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

DEPARTMENT OF SANITATION - 827 S.W.BROOKLYN MARINE TRANSFER STA

Mechanical	Current Repair	Future Replacemen	t N	Maintenance
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Co FY	Ost Cycle (Yrs)	Estimated Cost Priority
Plumbing				
H/C Water Piping				
Brass/Copper	15% Now \$20,300	2056	* * 1	
	Corroded, Extent : Severe, Area Affec	cted : 15%		
	Location : 1st Level Office Area			
No Component	85%			
Sanitary Piping				
Cast Iron	100% Now \$9,900) LIFE ,	* * 1	
	Corroded, Extent : Severe, Area Affec	cted : 30%		
	Location : Throughout			
Fixtures				
Generic	100%			
	Obsolete Fixtures, Extent : Severe, Ar	rea Affected : 100%		
	Location : Throughout			
Fire Suppression				
Standpipe				
Generic	100% Now \$161,900	0 2056	* * 1-5	\$16,500
	Corroded, Extent : Severe, Area Affect	cted : 100%		
	Location: Throughout			
Chemical System				
Not Accessible	100%			

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : SANITATION HDQR. ANNEX

Address : 44 BEAVER ST. BTWN: BROAD ST. - WILLIAM ST.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOS0047.000 / 4187 Yr Built/Renovated : 1920 /

Area Sq Ft : 67,000 Project Type : SANITATION

Date of Survey : 13-May-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3,5,7,9,12

Block : 29 Lot : 73 BIN : 1000850

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,030,800	\$173,000
Interior Architecture	\$239,100	
Electrical		\$768,100
Mechanical	\$453,200	
Total	\$1,723,200	\$941,100
Importance Code A	\$1,030,800	\$209,100
Importance Code B	\$692,300	\$732,000
Total	\$1,723,200	\$941,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$35,100	\$5,100		\$16,100
Interior Architecture	\$3,900	\$29,400	\$5,000	\$37,500
Electrical	\$30,900	\$1,400	\$1,200	\$13,400
Mechanical	\$25,600	\$8,400	\$39,200	\$16,400
Elevators/Escalators	\$47,400	\$47,400	\$47,400	\$47,400
Total	\$142,800	\$91,600	\$92,800	\$130,700
Importance Code A	\$35,100	\$7,100		\$16,200
Importance Code B	\$103,800	\$84,600	\$90,300	\$114,500
Importance Code C	\$3,900		\$2,500	



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

Architecture	Current Rep	oair	Futur	e Replacement	nent Maintenance		
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls					_		
Masonry: Brick	75% Now Jnt Mortar Miss/Erod, E Location : Bulkheads Spalling, Extent : Model	rate, Area Affect			5	\$43,400	
	Location : West Facaa						
	Worn/Eroded, Extent : M Location : Bulkheads	Moderate, Area A	Affected	: 20%			
Masonry: Limestone	10%		LIFE	* *	5	\$4,300	
Metal Panel	10%		2046	* *	5-10	\$39,700	
Granite Panels	5%		LIFE	* *	5	\$2,200	
Windows							
Aluminum	40%		2034	* *	5	\$10,200	
Metal Clad	60% Now Broken/Missing Elemen	\$775,300 ts, Extent : Seven	2051 re, Area	* * Affected : 20%	5	\$47,700	
	Location: South Faca Corrosion/Rusting, Exte Location: South Faca Deteriorated Finish, Ex. Location: South Faca Thermally Inefficient, E. Location: South Faca	ont : Severe, Area de tent : Moderate, de xtent : Moderate	Area Afj	fected : 50%			
Parapets Masonry: Brick	45% Now	\$10,400	LIFE	* *	5	\$1,800	
	Jnt Mortar Miss/Erod, E Location : South Faca Spalling, Extent : Model Location : West Facad	de, West Facade rate, Area Affect	ed : 15%				
Masonry: Brick	40%		LIFE	* *	5	\$1,600	
·	Other Observation, Exte Location : Interior Fac Explanation : Stucco O	ce	Affected	: 100%			
Masonry: Limestone	5%		LIFE	* *	5	\$300	
Metal Panel	5%		2046	* *	5	\$800	
Pre-Cast Concrete	5%		LIFE	* *	5	\$1,300	

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

Architecture		Current F	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Roof								
IRMA/Protected Membrane	73%	Now	\$16,400	2026	\$81,900			
	Location Insul Dete Location	: Main Roo r/Miss, Ext : Main Roo	ent : Moderate, Arc	ea Affect	ed : 20%			
	Location	: Corridoi	· Near Lockers					
Modified Bitumen	20%			2026	\$16,400	10	\$2,900	
Modified Bitumen	5%			2021	\$4,100	10	\$700	
Skylight, Metal/Glass	2%	Now	\$8,300	2036	* *			
	Broken/Missing Elements, Extent : Severe, Area Affected : 10% Location : Roof Stair							
nterior								
Floors								
Carpet	45%			2022	\$561,200	3	\$67,500	
Cast in Place Concrete	5%			LIFE	* *	5	\$10,900	
Ceramic Tile	5%			2035	* *	5	\$5,000	
Terrazzo	5%			LIFE	* *	5	\$3,900	
Vinyl Tile	_	Now Crumbling, : Basemen	\$41,500 Extent : Moderate t	2036 , Area Aj	* * ffected : 20%	3	\$1,900	
	Worn/Eroe		: Moderate, Area	Affected	: 50%			
Vinyl Tile	5%			2031	* *	3	\$1,900	
Vinyl Tile	30%			2031	* *	3	\$11,300	
Interior Walls							•	
Ceramic Tile	5%			2035	* *	5	\$5,000	
Glass: Single Pane	2%			LIFE	* *	5	\$1,500	
Gypsum Board	40%			LIFE	* *	5	\$23,800	
Gypsum Board	5%			LIFE	* *	5	\$3,000	
Metal Panel	3%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	5% Cracking/	_	\$3,900 Extent : Moderate	LIFE	* * ffected : 10%	5	\$1,500	
	Diagonal	: Roof Sta Cracks, Ex : Roof Sta	tent : Moderate, Ar	ea Affec	ted : 15%			
DI .		. Rooj sta		TITT	do do		φ10.400	
Plaster	35%			LIFE	* *	5	\$10,400	

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

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

Asset #: 4187

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
	Location Staining/L	Crumbling, a: Through	Extent : Moderate		-	5	\$15,600	
AcousTileConcealSpLn	55%			2031	* *	5	\$68,800	
AcousTileSusp.Lay-In	5%			2031	* *	5	\$5,000	
AcousTileSusp.Lay-In	5%			2039	* *	5	\$5,000	
Gypsum Board	5%			LIFE	* *	5	\$6,300	
Plaster	5%			LIFE	* *	5	\$3,100	

Electrical		Current Repair		Futur	e Replacement	M	aintenance				
System Component Type		Tail Date Estin (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Under 600 Volts											
Service Equipment											
Fused Disc Sw	100%			2026	\$36,100	5	\$300				
		Other Observation, Extent: Moderate, Area Affected: 100%									
		Location : Electrical Room Explanation : 1- Electrical Service Rated @ 2500 Amps									
	Explanatio	on : 1- Electrica	ıl Service Rate	d @ 25	00 Amps						
Switchgear / Switchboard											
Fused Disc Sw	100%			2026	\$167,000	5	\$300				
Raceway											
Conduit	90%			2026	\$101,000	1					
Conduit	10%			2046	* *	1					
Panelboards											
Fused Disc Sw	5%			2025	\$5,800	5	\$100				
Molded Case Bkrs	35%			2034	**	5	\$600				
Molded Case Bkrs	50%			2025	\$58,400	5	\$900				
Molded Case Bkrs	10%			2042	**	5	\$200				
Wiring											
Braided Cloth	20%	2-4	. /	2051	* *	1					
	Insulation Aged, Extent : Severe, Area Affected : 100%										
	Location :	Throughout									
Thermoplastic	50%			2026	\$75,300	1					
Thermoplastic	30%			2046	* *	1					
Motor Controllers											
Locally Mounted	50%			2024	\$34,100	5	\$200				
Locally Mounted	50%			2031	* *	5	\$200				
Ground											
Grounding Devices											
Generic	100%			LIFE	* *	5	\$1,000				
	Other Observation, Extent : Moderate, Area Affected : 100%										
	Location:	Basement									
	Explanatio	on : Water Mair	ı								

Maintenance \$ are aggregated over a 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 #: 4187

Electrical	Current Repair	Future R	eplacement	M	aintenance				
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Lighting									
Interior Lighting									
Fluorescent	80%	2034	* *	10	\$49,000				
	Other Observation, Extent : Mod Location : Throughout The Bui Explanation : T-8 Lamps	. 55	d : 100%						
Fluorescent	20%	2031	* *	10	\$12,300				
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: Throughout								
	Explanation: T-8 Lamps								
Egress Lighting									
Emergency, Battery	40%	2034	* *	10	\$6,500				
Exit, Service	60%	2034	* *	1					
Exterior Lighting									
HID	100%	2026	\$247,100	10	\$200				
Alarm									
Fire/Smoke Detection									
No Component	80%								
Generic, Analog	20%	2034	* *	1-3	\$8,300				

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Utility Steam	100%			2036	* *	1		
Conversion Equipment Pres. Reducing Valve/LP Steam	100%			2029	* *	5	\$4,000	
Distribution								
Steam Piping/Pump	100%	Now	\$45,600	2036	* *	4	\$3,300	
			oderate, Area Affed t, Throughout	:ted : 20	%			
Terminal Devices								
Convector/Radiator	40%			2031	* *	1	\$8,600	
No Component	60%							
	Location	: Each Flo						
	Explana	tion : Air H	andlers Covered U	nder A (<u> </u>			
Air Conditioning								
Energy Source	1000/			2024	de de			
Electricity	100%			2034	* *	1		
Distribution	400							
Ductwork/Diffusers	100%			LIFE	* *	2	\$87,000	

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

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

Asset #: 4187

Mechanical	Current Repair Future Replacement				M					
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Air Conditioning	•									
Terminal Devices										
Air Handler/Cool/Ht	100% 0-2	\$277,300	2036	**	1	\$37,200				
	Not Energy Efficient Location : Each Fl			jeciea : 100%						
Heat Rejection	Bootilon (Buen)	001, 1110011111111111111111111111111111								
Air Condenser Unit	100% 0-2	\$130,400	2036	* *	2	\$37,200				
	Noisy/Vibrating, Extent: Moderate, Area Affected: 100%									
	Location : All Unit									
	Other Observation, I			: 100%						
	Location : Mechan Explanation : 12 U			ndonsor Through I	omare I	22 Is Usad				
Ventilation	ълрининоп . 12 U	mis in Door, Air C	ooieu Co.	maenser inrough I	wuvers r	1-22 IS USEU				
Distribution										
Ductwork/Diffusers	30%		LIFE	* *	2-5	\$11,200				
No Component	70%									
_	Other Observation, I	Extent : Light, Area	Affected	: 0%						
	Location : Mechan	ical Rooms, Each F	loor							
	Explanation : Fres	h Air Provided Thro	ough A C	Air Handlers						
Exhaust Fans										
Roof	20%		2026	\$10,400	2	\$400				
No Component	80%									
Plumbing										
H/C Water Piping Brass/Copper	10%		2036	* *	1					
Galv Iron/Steel	90%		2030	* *	1					
HW Heat Exchanger	7070		2031							
Low Temp	100% 0-2	\$20,300	2056	* *	4	\$6,600				
	Corroded, Extent : M			0%		+ -,				
	Location : Basemen	nt								
Sanitary Piping										
Cast Iron	100%		LIFE	* *	1					
Storm Drain Piping										
Cast Iron	100%		LIFE	* *	1					
Sump Pump(s)	1000/		2026	¢10.000	4	¢2.500				
Rigid Piping	100%		2026	\$10,800	4	\$2,500				
Sewage Ejector(s) Electric	100%		2026	\$10,800	4	\$2,500				
Fixtures	10070		2020	Ψ10,000	•	Ψ2,300				
Generic	100%									
Vertical Transport	<u> </u>									
Elevators										
Geared Traction	100%		LIFE	* *						
	Other Observation, I	=		: 100%						
	Location: 2 Units		-12 And							
	Explanation : 4 Un	eits								

 $\overline{\text{Fire }}\overline{\text{Suppression}}$

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.

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

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

DEPARTMENT OF SANITATION - 827 SANITATION HDQR. ANNEX

Mechanical	Curr	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail I Total (Yea	eate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression							
Standpipe							
Generic	100%		2036	* *	1-5	\$34,900	
Sprinkler							
No Component	90%						
Generic	10%		2036	* *	1-2	\$1,900	

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : STATEN ISLAND 1 GARAGE

Address : 92 BROOK STREET BTWN: VICTORY BLVD. - JERSEY ST.

Borough : STATEN ISLAND Agency's Number : N/A

Program / Asset # : DOS0023.000 / 2004 Yr Built/Renovated : 1900 /

Area Sq Ft : 88,417 Project Type : SANITATION

Date of Survey : 12-May-2015 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 34 Lot : 1 BIN : 5106487

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$4,420,600	\$241,600
Interior Architecture	\$1,947,400	\$220,600
Electrical	\$217,000	\$170,300
Mechanical	\$90,600	\$1,432,000
Total	\$6,675,500	\$2,064,500
Importance Code A	\$4,420,600	\$241,600
Importance Code B	\$1,952,300	\$1,822,900
Importance Code C	\$302,600	
Total	\$6,675,500	\$2,064,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture				
Interior Architecture	\$46,100			\$1,500
Electrical	\$27,900	\$200	\$1,100	\$21,300
Mechanical	\$42,600	\$11,100	\$13,100	\$46,800
Total	\$116,700	\$11,400	\$14,200	\$69,600
Importance Code A	\$25,900	\$7,500	\$7,500	\$7,600
Importance Code B	\$68,100	\$3,900	\$6,700	\$61,900
Importance Code C	\$22,700			
Total	\$116,700	\$11,400	\$14 200	\$69 600



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

chitecture		Current I	Repair	Futu	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
rerior								
Exterior Walls Masonry: Brick	90%	Now	\$1,473,300	LIFE	* *	5	\$125,000	1
Masoniy. Dilek	Cracking/C		Extent : Severe, A			3	\$123,000	1
		Miss/Erod : Through	d, Extent : Moderat out	e, Area 1	Affected : 50%			
		racks, Exte : Through	nt : Moderate, Are out	a Affecte	ed : 30%			
		led, Extent : Through	: Moderate, Area A out	Affected	: 40%			
Metal Coiling Doors		2-4 ssing Elem : Through	\$769,700 nents, Extent : Mod out	2046 erate, Ar	* * ea Affected : 100%	5	\$21,700	
Windows								
Steel		Now tion, Exter : Through	\$951,500 at : Moderate, Area out	2051 Affected	* * l : 100%	5	\$116,600	
		Rusting, E : Through	xtent : Moderate, A out	rea Affe	ected : 100%			
		ed Finish, : Through	Extent : Moderate, out	Area Af	fected : 100%			
		oken/Crac : Through	ked, Extent : Mode out	rate, Are	ea Affected : 100%	;		
		r/Impact D : Through	amage, Extent : Se out	vere, Ar	ea Affected : 100%			
Parapets								
Cast Stone/Terra Cotta	_	Now Crumbling, : Through	\$36,600 Extent : Moderate out	LIFE , Area Ą	* * ffected : 75%	5	\$5,700	
Masonry: Brick		Now Crumbling, : Through	\$187,100 Extent : Moderate out	LIFE , Area Ą	* * ffected : 30%	5	\$6,600	
		Miss/Eroo : Through	d, Extent : Moderat out	e, Area I	Affected : 75%			
	Spalling, E	_	derate, Area Affect	ed : 20%	ó			
		led, Extent : Lower Ro	: Moderate, Area 1 pof	Affected	: 100%			

Architecture		Current l	Repair	Futu	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof	<i>55</i> 0/	M	\$252.600	2026	*	sk		1
Modified Bitumen			\$353,600 nt : Moderate, Area out	2036 Affected		••		1
	Miss/Dam	_	nings, Extent : Seve	re, Area	Affected: 35%			
	Location	i : Through						
	Location	ı : Lower R	Extent : Severe, Are Poof, North Facade					
		ietration, E i : Through	Extent : Severe, Arec	ı Affecte	d: 10%			
	Worn/Ero	_	: Moderate, Area	Affected	: 100%			
Roll Roofing	Location	ı : Through				* 5	\$33,000	
		ded, Extent 1 : Through	t : Moderate, Area A out	Affected	: 100%			
Skylight, Metal/Glass			\$489,400 Extent : Moderate, A out	2036 Area Affe	* ected : 100%	*		
Interior								
Floors	0.50/	NT.	¢207.200	LIDE	*	* <i>-</i>	¢220.600	
Cast in Place Concrete	_		\$307,300 Extent : Moderate out	LIFE , Area Ą		* 5	\$220,600	
Ceramic Tile	_		\$44,900 , Extent : Moderate out	2035 , Area Ą	* ffected : 20%	* 5	\$3,000	
Vinyl Tile	Location	Failure, Ex 1 : Through				* 3	\$4,400	
	Location	ı : Through			•			
		ded, Extent 1 : Through	t : Moderate, Area A out	Affected	: 100%			

Asset #: 2004

Architecture	Current F	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Interior Walls	2504	# 100 000		de de	_	Φ. σ. ο ο ο	
Concrete Masonry Unit	35% Now Broken/Missing Elem Location: Wash Ba	y Area			5	\$6,800	
	Cracking/Crumbling, Location: Through		e, Area Aff	ected : 40%			
	Efflorescence, Extent Location: In Electr	: Moderate, Area	Affected :	30%			
	Int Mortar Miss/Eroa Location : Through		te, Area A	ffected : 80%			
Masonry: Brick	35% Now Cracking/Crumbling, Location: Through	out					
	Jnt Mortar Miss/Eroa Location : Through		rea Affecto	ed : 20%			
Masonry: Brick	20%		LIFE	* *			
Plaster	10% Now Cracking/Crumbling, Location: Through		LIFE rea Affect	* * ed : 50%	5	\$1,400	
Ceilings							
AcousTileSusp.Lay-In	5% Now Staining/Discoloring, Location: Through Worn/Eroded, Extent Location: Through	out : Moderate, Area A			5	\$3,000	
Exposed Concrete	10% Now Cracking/Crumbling, Location: Through		LIFE e, Area Aff	* * Pected : 30%	5	\$1,900	
Exposed Struc: Steel	50% Now Corrosion/Rusting, E. Location: Through	_	LIFE Affected :	**			
Exposed Struc: Wood	35% Now Dry Rot/Decay, Exter		LIFE a Affected	**			

Electrical	Current Repair	Future R	eplacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2026	\$2,500	5	\$400	
	Other Observation, Extent: Mode	rate, Area Affectea	d: 100%			
	Location: Electrical Room					
	Explanation : Main Service Swit	ch Rated @ 2000 /	Amperes.			

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

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

Asset #: 2004

Electrical	Curre	nt Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Da Total (Year	ate Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts							
Switchgear / Switchboard							
Fused Disc Sw	100%		2026	\$47,700	5	\$400	
Raceway							
Conduit	100%		2026	\$9,100	1		
Panelboards							
Fused Disc Sw	10%		2025	\$2,900	5	\$200	
Molded Case Bkrs	90%		2025	\$26,300	5	\$2,100	
Wiring							
Braided Cloth		\$6,000 Extent : Moderate, Arc ughout The Building	2051 ea Affecte	* * ed : 100%	1		
Thermoplastic	70%		2026	\$14,000	1		
Motor Controllers							
Locally Mounted	80%		2024	\$50,600	5	\$500	
Locally Mounted	20% 2-4	\$12,600	2046	* *	5	\$100	
	On Extended Life, Location : Thro	Extent : Moderate, Aughout	rea Affec	ted : 100%			
round							
Grounding Devices Generic	100% 2-4 Other Observation Location: Wate Explanation: Co		LIFE Area Affe	* * ccted : 100%	5	\$1,300	
ighting	Expiration : Co	Troucu					
Interior Lighting							
Fluorescent	1% Other Observation Location: Boile Explanation: T		2021 Area Affe	\$1,700 acted: 100%	10	\$700	
Fluorescent	94%		2034	* *	10	\$68,300	
	T-5 Lamps And F	ixtures, Extent : Mode ughout The Building		a Affected : 100%		7.50,500	
Fluorescent	5% Other Observation Location : Offic	n, Extent : Moderate, . es	2034 Area Affe	* * cted : 100%	10	\$3,600	
	Explanation: T	-8 Lamps					
Egress Lighting							
Emergency, Battery	50%		2021	\$52,200	10	\$9,600	
Exit, Service	50%		2021	\$10,400	1		
Exterior Lighting							
\mathcal{E}							
HID	50%		2021	\$163,100	10	\$100	

Mechanical	Cu	rrent	Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date ears)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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

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

Asset #: 2004

Mechanical	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Heating	-				-
Energy Source	1000/	2052	_	Φ24 <00	
Fuel Oil No 2	100% Other Observation Extent Light A	2052 **	5	\$24,600	
	Other Observation, Extent : Light, A. Location : Under Ground In Parkii				
	Explanation: 1 8000 Gallon Tank	. 201			
Conversion Equipment	•				
Furnace	10%	2026 \$9,500	1	\$3,900	
Steam Boiler	85%	2043 **	1	\$66,700	
	Other Observation, Extent: Light, A.	rea Affected : 100%			
	Location : Boiler Room Explanation : 2 Units				
Steam Boiler	5% 0-2 \$18,80	0 2046 **	1	\$3,500	
Steam Boner	Damaged, Extent : Moderate, Area A	0 2040	1	\$3,300	
	Location : Boiler Room, Defective				
Distribution					
Steam Piping/Pump	10% 0-2 \$54,10	0 2056 **	4	\$400	
	Corroded, Extent : Severe, Area Affe	cted : 100%			
	Location: Throughout				
	Insul. Deteriorating, Extent: Modera	ate, Area Affected : 100%			
	Location : Throughout Steam Traps Faulty, Extent : Modera	sto Amag Affactad , 1000/			
	Location: Throughout	ue, Area Affectea . 100%			
Steam Piping/Pump	90%	2026 \$486,500	4	\$5,300	
Steam 1 iping/1 ump	On Extended Life, Extent : Moderate	' '	7	Ψ5,500	
	Location : Throughout	, <u></u>			
Terminal Devices					
Convector/Radiator	10%	2024 \$73,100	1	\$2,600	
	On Extended Life, Extent : Moderate	, Area Affected : 100%			
	Location: Throughout				
Convector/Radiator	5% 0-2 \$36,60		1	\$1,200	
	Damaged, Extent : Moderate, Area A Location : Throughout Administrat				
For Coil Hoid/Hood			1	¢12.900	
Fan Coil Unit/Heat Fan Coil Unit/Heat	50% 20%	2026 \$579,600 2031 **	1 1	\$12,800 \$5,100	
No Component	15%	2031	1	ψ3,100	
Air Conditioning					
Energy Source					
Electricity	100%	2042 **	1		
Conversion Equipment	4.50	2024			
Window/Wall Unit	15%	2021 \$23,900	1		
No Component Ventilation	85%				
Distribution					
Ductwork/Diffusers	20%	LIFE **	2-5	\$8,800	
No Component	80%			. ,	

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

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

Mechanical	Current Repair	Future	Replacement	М	aintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Ventilation								
Exhaust Fans	1000/	2026	φc1 5 00	2	Φ2 400			
Roof	100%	2026	\$61,500	2	\$2,400			
Plumbing H/C Water Piping								
Galv Iron/Steel	100%	2024	\$231,200	1				
Gaiv Holl/Steel	On Extended Life, Extent : Moderate, 2			1				
	Location: Throughout	111041199000	ca . 10070					
Water Heater								
Gas Fired	100%	2024	\$18,000	2	\$1,200			
	Other Observation, Extent : Light, Are	a Affected .			, ,			
	Location: 1st Floor And 2nd Floor							
	Explanation: 3 Units							
Sanitary Piping								
Cast Iron	95%	LIFE	* *	1				
	On Extended Life, Extent : Moderate, A	Area Affect	ed : 100%					
	Location : Throughout							
Cast Iron	5% 0-2 \$8,400		* *	1				
	Blockage /Clogged, Extent: Severe, A							
	Location : Floor Drain In North Wes	st Corner O	f Garage Floor					
Storm Drain Piping	5004		de de					
Cast Iron	60%	LIFE	* *	1				
	On Extended Life, Extent: Moderate, Area Affected: 80%							
	Location: Throughout The Interior (
Cast Iron	40%	LIFE	* *	1				
	Other Observation, Extent: Light, Are							
	Location: Around The Perimeter Of		0					
Company (a)	Explanation : Aluminium Leaders Ar	nd Scuppers	S					
Sump Pump(s) Rigid Piping	100%	2026	\$10,800	4	\$2,500			
Rigid Piping	Other Observation, Extent : Light, Are			4	\$2,300			
	Location: West Side Of The Building			n				
	Explanation: Sump Pump Observed	5 . 1001 1110	Locker Room					
Fixtures	Exposition . Sump I ump Coscired							
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%	2036	* *	1-5	\$41,400			

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : STATEN ISLAND 2 GARAGE/BORO OFFC

Address : 2500 RICHMOND AVENUE @ RICHMOND HILL RD.

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS0026.000 / 2005 Yr Built/Renovated : 1986 /

Area Sq Ft : 74,682 Project Type : SANITATION

Date of Survey : 07-Jun-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2520 Lot : 1 BIN : 5041599

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,353,500	\$157,500
Interior Architecture	\$252,200	\$725,400
Electrical	\$44,100	\$386,000
Mechanical	\$314,500	\$1,038,900
Total	\$1,964,300	\$2,307,700
Importance Code A	\$1,353,500	\$229,400
Importance Code B	\$610,800	\$2,078,300
Total	\$1,964,300	\$2,307,700

Interior Architecture Electrical	\$47,200 \$23,700	\$2,400	\$1.800	\$1,300 \$2,200	
Mechanical	\$42,100	\$22,800	\$16,600	\$5,200	
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900	
Total	\$152,900	\$32,800	\$22,300	\$12,600	
Importance Code A	\$50,600	\$7,100	\$3,300	\$3,300	
Importance Code B	\$55,100	\$25,600	\$19,000	\$9,300	
Importance Code B Importance Code C	\$55,100 \$47,200	\$25,600	\$19,000	\$9,300	



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 STATEN ISLAND 2 GARAGE/BORO OFFC

rchitecture	Current Repair		Future Replacement		Maintenance			
vstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior								
Exterior Walls Masonry: Brick	80% 0-2 Jnt Mortar Miss/Eroa Location: Various I Other Observation, E.	Locations			5	\$93,800		
	Location: Various I Explanation: Deter	Locations	33		Angles			
Metal Panel	5% 0-2 Corrosion/Rusting, E. Location: Wash Ba	e e	2034 Affected	* *	5	\$11,000		
Metal Coiling Doors	13% Now Corrosion/Rusting, E. Location: Wash Ba Unit Inoperable, Exte	y			5	\$23,800		
	Location : Wash Ba		33					
Metal Coiling Doors	2% Recent Replace Evide Location : Through		2044 Area Affe	* * ected : 100%	5	\$7,300		
Windows								
Aluminum	100% 0-2 Air Infiltration, Exten Location : Through Other Observation, E. Location : Through	out xtent : Moderate, A out	Area Affe	cted : 80%	5	\$7,900		
Parapets	Explanation : Vertic	cal Pivot Type Win	dows Ha	ve Deformed And	Have To	n Weather Seals		
Concrete Masonry Unit	10% Now Int Mortar Miss/Eroa Location: Various I Miss/Damaged Copin Location: Various I	Locations gs, Extent : Moder			5	\$700		
Masonry: Brick	90% Now Jnt Mortar Miss/Eroa Location: Throughe Miss/Damaged Flash Location: Throughe	out ings, Extent : Ligh			5	\$5,600		

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

DEPARTMENT OF SANITATION - 827 STATEN ISLAND 2 GARAGE/BORO OFFC

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Roof	0.40/ Na	¢401 500	2024	* *			
Built-Up (BUR)	94% Now Miss/Damaged Flashi Location: Flashing Punct/Tear/Impact De Location: Isolated I Repairs in Progress, I Location: Througho	Has Deteriorated umage, Extent : M Locations Extent : Light, Are out	oderate, Are a Affected :	ected : 100% a Affected : 5% 100%	ó		
	Water Penetration, Ex						
	Location: Womens		ge And Male				
Skylight, Plastic	1% 0-2 Broken/Missing Elema Location : Through		2037 re, Area Affe	* * ected : 20%	1		1
Sloped Glazing	5%		LIFE	* *	5	\$63,700	
Interior							
Floors							
Cast in Place Concrete	70% Now Cracking/Crumbling, Location: Througho		LIFE ea Affected :	**	5	\$153,500	
Ceramic Tile	5% Now	\$37,900	2027	\$94,800	5	\$2,500	
	Jnt Mortar Miss/Erod Location : At Showe	Extent : Modera				4 - 75 3 3	
Quarry Tile	14%		2022	\$393,800	5	\$21,000	
Terrazzo	1%		LIFE	* *	5	\$800	
Vinyl Tile	10% Now	\$49,900	2024	\$83,200	3	\$3,800	
	Punct/Tear/Impact De Location : Through	-	ght, Area Af	fected : 50%			
Interior Walls							
Ceramic Tile	10% Now Jnt Mortar Miss/Erod Location: Shower R		2033 e, Area Affe	* * cted : 15%	5	\$2,000	
Concrete Masonry Unit	65% Now Cracking/Crumbling, Location: Through		LIFE ea Affected :	**	5	\$10,600	
Gypsum Board	10% 0-2 Cracking/Crumbling,	\$1,700 Extent : Light, Arc	LIFE ea Affected :	**	5	\$2,400	
	Location: Througho	out					
SGFT/Glazed Masonry	15% 0-2 Cracking/Crumbling, Location: Througho		LIFE ea Affected :	**			

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

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

DEPARTMENT OF SANITATION - 827 STATEN ISLAND 2 GARAGE/BORO OFFC

Asset #: 2005

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	
Interior									
Ceilings									
AcousTileSusp.Lay-In	10%	Now	\$79,200	2044	* *	5	\$5,000		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 100% Location : Mens Locker Room Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 50% Location : Mens Locker Room Throughout								
Exposed Struc: Steel	85%			LIFE	* *				
Gypsum Board	5%		\$49,500	LIFE	**	5	\$6,300		
	U	0.	Extent: Severe, A.	rea Affec	rted: 100%				
	Location	ı : Through	out						

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment	100-1			_	**	
Fused Disc Sw	100%	2034	**	5	\$300	
	Other Observation, Extent : Moderat	e, Area Affect	ed : 100%			
	Location : Electrical Room					
	Explanation : Two 2000 Amps Mai	n Disconnect S	Switch			
Switchgear / Switchboard						
Fused Disc Sw	100%	2034	* *	5	\$300	
Raceway						
Conduit	100%	2034	* *	1		
Panelboards						
Fused Disc Sw	10%	2032	* *	5	\$200	
Molded Case Bkrs	90%	2032	* *	5	\$1,800	
Wiring						
Thermoplastic	100%	2034	* *	1		
Motor Controllers						
Locally Mounted	100%	2029	* *	5	\$500	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$1,100	
Lighting						
Interior Lighting						
Fluorescent	98%	2034	* *	10	\$60,200	
	Other Observation, Extent : Moderat	e, Area Affect	ed : 100%			
	Location : Offices					
	Explanation: T-8 Lamps					
HID	2%	2034	* *	10		
Egress Lighting						
Emergency, Battery	50%	2024	\$44,100	10	\$8,100	
Exit, Service	50%	2024	\$10,900	1		

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

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

DEPARTMENT OF SANITATION - 827 STATEN ISLAND 2 GARAGE/BORO OFFC

Asset #: 2005

Electrical		Current Rep	air	Future	e Replacement	M	aintenance	
System Component Type		Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	20%			2024	\$55,100	10		
	Other Obse	rvation, Exte	nt : Light, Area	Affected	: 100%			
	Location :	Exterior Wa	11					
	Explanation	on : Photocel	l Controlled					
HID	80%	Now	\$22,000	2029	* *			
	Sensor/Time	er Malfunctio	on, Extent : Mod	lerate, Ar	ea Affected : 80%			
	Location :	Exterior Wa	11					
Alarm								
Security System								
No Component	80%							
Generic	20%	Now	\$44,100	2034	* *	1	\$5,000	
	Devices Da	maged, Exter	it : Severe, Ared	ı Affected	: 100%			
	Location :	Throughout						
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	\$226,600	1-3	\$14,200	

echanical		Current R	Repair	Futur	re Replacement	M	aintenance			
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
ating										
Energy Source										
Natural Gas	100%			2034	* *	1				
Conversion Equipment										
Furnace	90%	Now	\$14,400	2024	\$71,900	1	\$26,800			
	Broken, Extent: Severe, Area Affected: 20%									
	Location	: Wash Are	ea And Throughou	t The Ga	rage					
	Not in Service, Extent : Severe, Area Affected : 10%									
	Location	Location: Roof								
	Other Observation, Extent : Light, Area Affected : 90%									
			2.5, 11	11,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. 70/0					
					odine Unit Heaters	For Ga	rage			
	Location		ckage Units On Ro			For Ga	rage			
Hot Water Boiler	Location	: 7 Big Pag	ckage Units On Ro		odine Unit Heaters	For Ga				
Hot Water Boiler	Location Explana 10%	: 7 Big Pac tion : 21 Un	ckage Units On Ro	2022	Vodine Unit Heaters \$14,700		\$3,300			
Hot Water Boiler	$\frac{\textit{Explanar}}{10\%}$ Other Obs	: 7 Big Paction : 21 Un	ckage Units On Ro	2022	Vodine Unit Heaters \$14,700					
Hot Water Boiler	Location Explanate 10% Other Obs Location	: 7 Big Paction : 21 Un	ckage Units On Ro nits xtent : Light, Area · Boiler Room	2022	Vodine Unit Heaters \$14,700					
	Location Explanate 10% Other Obs Location	: 7 Big Paction : 21 Un ervation, E. : 1st Floor	ckage Units On Ro nits xtent : Light, Area · Boiler Room	2022	Vodine Unit Heaters \$14,700					
Hot Water Boiler Distribution Ductwork/Diffusers	Location Explanate 10% Other Obs Location	: 7 Big Paction : 21 Un ervation, E. : 1st Floor tion : 1 Unit	ckage Units On Ro nits xtent : Light, Area · Boiler Room	2022	Vodine Unit Heaters \$14,700		\$3,300			
Distribution	Location Explanate 10% Other Obs Location Explanate 90%	: 7 Big Pac tion : 21 Un ervation, E. : 1 St Floor tion : 1 Unit	ckage Units On Ro nits xtent : Light, Area · Boiler Room t	2022 Affected	s14,700	1				
Distribution	Location Explanate 10% Other Obs Location Explanate 90% Corroded,	: 7 Big Pac tion : 21 Un ervation, E. : 1 St Floor tion : 1 Unit Now Extent : Se	ckage Units On Ro nits xtent : Light, Area Boiler Room t \$87,900 vere, Area Affected	2022 Affected LIFE d: 30%	s14,700	1	\$3,300			
Distribution	Location Explanate 10% Other Obs Location Explanate 90% Corroded, Location	ervation : 21 Un ervation, E. : 1st Floor tion : 1 Unit Now Extent : Se : Garage,	ckage Units On Ro nits xtent : Light, Area · Boiler Room t \$87,900 vere, Area Affecte Offices, Locker Ro	2022 Affected LIFE d: 30% oms	\$14,700	1	\$3,300			
Distribution	Location Explanate 10% Other Obs Location Explanate 90% Corroded, Location Other Obs	ervation : 21 Un ervation, E. : 1st Floor tion : 1 Unit Now Extent : Se : Garage,	ckage Units On Ro nits xtent : Light, Area · Boiler Room t \$87,900 vere, Area Affected Offices, Locker Ro xtent : Severe, Are	2022 Affected LIFE d: 30% oms	\$14,700	1	\$3,300			
Distribution	Location Explanate 10% Other Obs Location Explanate 90% Corroded, Location Other Obs Location	ervation : 21 Universal : 1 St Floor tion : 1 Universal : 2 Universal :	ckage Units On Ro nits xtent : Light, Area · Boiler Room t \$87,900 vere, Area Affected Offices, Locker Ro xtent : Severe, Are	2022 Affected LIFE d: 30% oms a Affecte	\$14,700 \$14,700 !: 10% **	1	\$3,300			

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

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

DEPARTMENT OF SANITATION - 827 STATEN ISLAND 2 GARAGE/BORO OFFC

Asset #: 2005

Mechanical	Current Repair			Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
eating									
Terminal Devices Convector/Radiator	-	_	\$61,800 nt : Severe, Area A Locker Rooms - In		* * 10% Temperature Coni	1 trols	\$1,900		
No Component	90%								
ir Conditioning									
Energy Source									
Electricity	100%			2032	* *	1			
Conversion Equipment Ext Pkg Unit - Heating/Cooling	20%	Now	\$8,600	2024	\$86,200	2	\$700		
			t : Severe, Area Afj	fected : 1	0%				
	Location	J							
	R-22 Refri Location		tent : Light, Area A	Affected :	20%				
	Other Obse Location		xtent : Moderate, A	Area Affe	cted : 20%				
	Explanat	ion : 4 Uni	its						
Window/Wall Unit	5%			2019	\$6,700	1			
No Component	75%								
entilation entile									
Distribution	1000/		4112 000		ماد ماد	a =	Ф27.200		
Ductwork/Diffusers	100%	Now	\$112,900	LIFE	* *	2-5	\$37,300		
	_		evere, Area Affecte ea And Garage No		ınce				
Exhaust Fans	Locuiton	. Wash III	ea ma Garage me	THE EITH	ince				
Roof	100%	Now	\$52,000	2034	* *	2	\$1,600		
Roof			t : Severe, Area Af		00%	-	Ψ1,000		
	Location		, 33						
lumbing		-							
H/C Water Piping									
Brass/Copper	40%			2034	* *	1			
Galv Iron/Steel	60%			2022	\$117,200	1			
Water Heater									
Gas Fired	100%			2023	\$15,200	2	\$1,000		
Sanitary Piping	1000/	NT.	¢14.200	TIPE	* *	1			
Cast Iron	100%	Now	\$14,200	LIFE		1			
	_		Extent : Moderate, r Wash Area	Агеа Ајје	eciea . 1076				
Storm Drain Piping	Locuiton	. 15,1,001	4511 117 04						
Cast Iron	100%			LIFE	* *	1			
Sewage Ejector(s)	10070			2 1					
Electric	100%	Now	\$1,100	2019	\$10,800	4	\$1,600		
		ice, Exten	t : Severe, Area Afj				. , -		
	Location	: Pump Ro	oom						
Fixtures									
Generic	100%								

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

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

DEPARTMENT OF SANITATION - 827 STATEN ISLAND 2 GARAGE/BORO OFFC

Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Sprinkler						
Generic	100%	2024	\$763,500	1-2	\$18,800	
Chemical System						
No Component	97%					
Generic	3%	2018	\$800	1-3	\$1,600	
	Other Observation, Extent: Light, A	Area Affected : 39	%			
	Location: Garage					
	Explanation: For Fuel Stations					

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : STATEN ISLAND 3 GARAGE BOROUGH REPAIR SHOP

Address : 1000 WEST SERVICE ROAD @MULDOON AVE.

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS0025.000 / 130 Yr Built/Renovated : 1981 /

Area Sq Ft : 82,366 Project Type : SANITATION

Date of Survey : 07-Aug-2014 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2685 Lot : 100 BIN : 5141714

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$2,475,800	\$111,200
Interior Architecture	\$570,300	\$193,400
Electrical	\$555,600	\$47,700
Mechanical	\$36,700	\$569,000
Total	\$3,638,300	\$921,400
Importance Code A	\$2,475,800	\$111,200
Importance Code B	\$996,900	\$810,200
Importance Code C	\$165,700	
Total	\$3,638,300	\$921,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$9,700			
Interior Architecture	\$43,900			\$2,100
Electrical		\$1,300	\$1,300	\$38,900
Mechanical	\$71,600	\$10,800	\$19,600	\$51,400
Total	\$125,300	\$12,000	\$20,900	\$92,400
Importance Code A	\$21,800	\$3,700	\$3,700	\$3,800
Importance Code B	\$85,900	\$8,400	\$17,300	\$88,600
Importance Code C	\$17,600			
Total	\$125,300	\$12,000	\$20.900	\$92,400



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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 #: 130

Architecture	Current I	Futur	e Replacement	М	aintenance		
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls							
Concrete Masonry Unit	75% Now Broken/Missing Elem Location: Northwe Cracking/Crumbling,	st Corner Extent : Moderate			5	\$60,600	
	Location: North Fo Int Mortar Miss/Eroc Location: North Fo	l, Extent : Moderat	e, Area A	Affected : 15%			
Metal Coiling Doors	25% 0-2 Corrosion/Rusting, E Location: North Fo Deformed/Dented, Education: North Fo	acade, South Facad xtent : Moderate, A	le		5	\$50,500	
Windows							
Aluminum	97% Now Broken/Missing Elem Location : Through		2042 erate, Ar	* * ea Affected : 40%	5	\$8,400	
Metal Louvers	3% Now Broken/Missing Elem Location: Through		2035 erate, Ar	* * ea Affected : 40%			
Parapets							
Concrete Masonry Unit	95% Now Cracking/Crumbling, Location: Through	_	LIFE ea Affecte	* * ed : 10%	5	\$7,400	
Metal Panel	5% 0-2 Corrosion/Rusting, E Location: Through		2036 Area Affe	* * cted : 30%	5	\$700	
Roof							
Built-Up (BUR)	97% Now Blisters, Extent: Mod Location: Through Miss/Damaged Flash	out		* * ea Affected : 30%			
	Location: Through Water Penetration, E Location: Locker F	out Extent : Moderate, A	Area Affe				
Skylight, Plastic	3% Now Miss/Damaged Flash Location : Over Ga Water Penetration, E	rage Area			1		

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

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

Asset #: 130

Architecture	Current I	Current Repair		Future Replacement		aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nterior								
Floors								
Cast in Place Concrete	80% 0-2	\$179,600	LIFE	**	5	\$193,400		
	Cracking/Crumbling,		, Area Af	fected : 25%				
	Location : Through							
Ceramic Tile	5% 0-2	\$20,900	2035	* *	5	\$2,800		
	Cracking/Crumbling,	_	ea Affecte	ed : 10%				
	Location : Through	out						
Vinyl Tile	15% 0-2	\$137,700	2036	* *	3	\$6,200		
	Broken/Missing Elem			ea Affected : 15%				
	Location: First And							
	Worn/Eroded, Extent	: Moderate, Area	Affected :	25%				
	Location : First And	d Second Floor Co	rridors					
Interior Walls								
Ceramic Tile	5% 0-2	\$12,100	2035	* *	5	\$1,100		
	Cracking/Crumbling,		, Area Af	fected : 20%				
	Location : Through	out						
Concrete Masonry Unit	85% 0-2	\$165,700	LIFE	* *	5	\$15,300		
	Cracking/Crumbling,		ea Affecte	ed: 20%				
	Location: Through	out						
Gypsum Board	10% 0-2	\$5,500	LIFE	* *	5	\$2,700		
	Cracking/Crumbling,	Extent : Light, Are	ea Affecte	ed : 20%				
	Location: Through	out						
Ceilings								
AcousTileSusp.Lay-In	10% Now	\$87,300	2046	* *	5	\$5,500		
	Staining/Discoloring,			,				
	Location : First Flo	or Corridor And S	econd Flo	oor				
	Water Penetration, E	xtent : Light, Area	Affected	: 5%				
	Location : Locker F							
	Worn/Eroded, Extent							
	Location : First Flo	or Corridor And S	econd Flo	oor				
Exposed Struc: Steel	85%		LIFE	* *				
-	Corrosion/Rusting, E	xtent : Light, Area	Affected	: 10%				
	Location : Through	out						
Gypsum Board	5% 0-2	\$5,500	LIFE	* *	5	\$6,900		
7 1	Cracking/Crumbling,	' /		ed : 20%		. ,		
	Location : Through	out	•					

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

Under 600 Volts

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

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

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

Asset #: 130

Electrical		Current l	Repair	Future Replacement		M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%			2026	\$4,700	5	\$400		
			Extent : Moderate, A	Area Affe	cted : 100%				
		: Electrica							
	Explanat	ion : 1600	Amps						
Switchgear / Switchboard	1000/			2026	Φ.4 7 . 7 00	-	# 400		
Fused Disc Sw	100%			2026	\$47,700	5	\$400		
Raceway	1.000/			2026	Φ20, c00	1			
Conduit	100%			2026	\$30,600	1			
Panelboards	1.007			2025	#2 000	-	ф 2 00		
Fused Disc Sw	10%			2025	\$3,800	5	\$200		
Molded Case Bkrs	90%			2025	\$33,900	5	\$2,000		
Wiring	100%			2026	\$27.100	1			
Thermoplastic Motor Controllers	100%			2020	\$27,100	1			
Locally Mounted	10%			2024	\$1,400	5	\$100		
Motor Control Center	90%			2024	\$12,600	5	\$2,000		
Ground	7070			2024	\$12,000		Ψ2,000		
Grounding Devices									
Not Accessible	100%								
Lighting									
Interior Lighting									
Fluorescent	65%			2021	\$127,200	10	\$44,000		
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	cted : 100%				
	Location	: Through	out The Building						
	Explanat	ion : T-12	And T-8 Lamps						
HID	35%			2021	\$25,200	10	\$800		
Egress Lighting									
Emergency, Battery	40%			2021	\$38,900	10	\$7,100		
Exit, Service	60%			2021	\$4,800	1			
Exterior Lighting									
HID	100%			2021	\$303,800	10	\$300		
Alarm									
Fire/Smoke Detection									
No Component	95%								
Generic, Analog	5%	0-2	\$41,700	2036	* *	1-3	\$2,300		
			t : Severe, Area Aff	ected : 1	00%				
	Location	: Through	out						

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

Heating

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

Maintenance \$ are aggregated over a 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 #: 130

Mechanical	Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	•						-
Energy Source							
Natural Gas	25%		2036	* *	1		
Interruptible Gas/Dual Fuel	75%		2046	* *	1		
Conversion Equipment							
Furnace	15%		2026	\$13,200	1	\$5,500	
	Other Observation, Ex	tent : Light, Area	Affected	: 15%			
	Location : Garage	E: 14 !: II					
_	Explanation: 6 Gas			de de		** • • • •	
Furnace	10% Now	\$8,800	2036	**	1	\$3,300	
	Abandoned in Place, E		еа Ађесі	rea : 10%			
** . *** . ** . **	Location: 1 Roof Top	о опи, к оој	2022	* *		ASE 100	
Hot Water Boiler	75%		2039		1	\$27,400	
	Other Observation, Ex		Affectea	: /3%			
	Location : Boiler Roc		Dailana				
Distribution	Explanation: 2 Dual	ruei noi waier i	ooners				
Hot Wtr Piping/Pump	75%		2034	* *	4	\$4,100	
No Component	25%		2034		7	φ+,100	
Terminal Devices	2370						
Air Handler	15%		2026	\$58,300	1	\$6,900	
Convector/Radiator	10%		2024	\$68,100	1	\$2,400	
Unit Heater-Stm/HW	50%		2026	\$232,900	4	\$5,100	
No Component	25%			,		. ,	
Air Conditioning							
Energy Source							
Electricity	100%		2034	* *	1		
Conversion Equipment							
Reciprocating	15%		2021	\$36,700	1	\$5,100	
Compr/Chiller	1.50/		2026	# 40,000	2	Φ700	
Exterior Pkg Unit -	15%		2026	\$49,900	2	\$700	
Cooling	R-22 Refrigerant, Exte	nt : Light Area A	ffected :	15%			
	Location: Roof	m . Ligiii, Area A	пестеи.	1370			
Exterior Pkg Unit -	10% 0-2	\$33,300	2036	* *	2	\$400	
Cooling							
	Abandoned in Place, E Location : Roof	Extent : Severe, Ar	ea Affect	ted : 10%			
	Leak Evident, Extent : Location : Water Lea			6			
Split Unit	10%		2026	\$33,300			
No Component	50%		2020	φ33,300			
Distribution	2070						
Chilled Wtr Pipe/Pump						***	
Chined will ribe/runni	15%		2026	\$26,400	4	\$800	

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

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

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Fan Coil - Cool/Heat	15%	Now	\$5,100	2026	\$102,400	1	\$3,200	
			: Severe, Area Affe	cted : 10	0%			
		ı : Office A	rea					
No Component	85%							
Heat Rejection								
Air Condenser Unit	25%			2021	\$18,000	2	\$12,900	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$41,200	
Exhaust Fans	400		4			_	44.000	
Roof	100%	Now	\$2,900	2026	\$57,300	2	\$1,800	
			t : Moderate, Area	Affected	: 10%			
DI 11	Location	: Roof						
Plumbing								
H/C Water Piping	100%			2036	* *	1		
Brass/Copper HW Heat Exchanger	100%			2030		1		
Low Temp	100%			2036	* *	4	\$7,300	
Sanitary Piping	10070			2030		- 4	\$7,300	
Cast Iron	100%	Now	\$7,800	LIFE	* *	1		
Cast Hon			vere, Area Affected			1		
			To Be Confirmed -		ide Of Building			
Storm Drain Piping					e j =			
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	10070							
Rigid Piping	100%			2021	\$10,800	4	\$1,600	
Fixtures	10070				¥ 2 0,0 0 0	•	42,000	
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	\$38,600	
Sprinkler							•	
Generic	100%			2036	* *	1-2	\$20,700	
							· · · · · · · · · · · · · · · · · · ·	

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : STATEN ISLAND TRANSFER STATION
Address : WEST SERVICE ROAD FRESH KILLS

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS0063.000 / 13883 Yr Built/Renovated : 2006 /

Area Sq Ft : 100,000 Project Type : SANITATION

Date of Survey : 08-Jun-2016 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027	
Exterior Architecture	\$121,800	\$866,500	
Interior Architecture	\$585,900	\$314,800	
Electrical		\$41,300	
Total	\$707,700	\$1,222,500	
Importance Code A	\$121,800	\$866,500	
Importance Code B	\$585,900	\$356,000	
Total	\$707,700	\$1,222,500	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$19,500		\$22,500	
Interior Architecture	\$33,200		\$1,400	\$3,000
Electrical	\$3,700	\$900	\$2,600	\$900
Mechanical	\$36,100	\$4,800	\$12,200	\$4,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$96,400	\$9,600	\$42,600	\$12,700
Importance Code A	\$19,700	\$200	\$22,700	\$200
Importance Code B	Φ 77 (00	\$9,400	\$19,600	\$12,400
importance code b	\$57,600	\$9,400	\$19,000	\$12,400
Importance Code C	\$57,600 \$19,100	\$9,400	\$200	\$12,400



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

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

Asset #: 13883

rchitecture	Current Repair		Futur	e Replacement	M	Maintenance		
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior	<u> </u>			J		1		
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$71,900	
Fiberglass Panel	15%			2036	* *		\$80,900	
Metal Panel	70%			2047	* *		\$691,700	
Metal Coiling Doors	10%			2040	* *		\$44,900	
Windows	1070			2010			Ψ11,200	
Aluminum	95%			2043	* *	5	\$1,000	
Metal Louvers	5%			2036	* *		\$300	
	370			2030		10	Ψ300	
Parapets Metal Panel	100%			2047	* *	5	\$98,400	
Wictai i anci		ervation I	Extent : Light, Area			3	\$70,400	
			Parapet Wall	Пусстей	. 2070			
		ion : Pain	=					
Roof	Ехрійниі	ion . I aini	1 eeting					
Metal Panel	98%	2-4	\$45,500	2040	* *			
Metal Fallel			045,500 nt, Extent : Light, A					
	-		u, Extent . Ligni, A If Main Roof Deck	неи Аујес	.iea . 5570			
			-	Amag Affa	ata d . 20/			
			Extent : Moderate, A	Area Ajje	ciea : 2%			
		: At Entry						
Skylight, Plastic	2%	0-2	\$19,000	2040	* *	1		
			Extent : Light, Area		: 10%			
	Location	: Various	Locations Through	out				
erior								
Floors	0.004				de al		φ.c 2 0.π00	
Cast in Place Concrete	90%			LIFE	* *	5	\$629,500	
Ceramic Tile	2%			2036	* *	5	\$3,200	
Quarry Tile	1%			2040	* *	5	\$2,400	
Vinyl Tile	7%	0-2	\$4,600	2032	* *	3	\$4,200	
	_	_	Extent : Light, Are	ea Affecte	ed : 10%			
	Location	: Through	out					
Interior Walls						=		
Cast in Place Concrete	20%			LIFE	* *	10	\$9,900	
Ceramic Tile	2%			2040	* *	5	\$400	
Concrete Masonry Unit	15%			LIFE	* *	5	\$2,400	
	_		tent : Moderate, Ai					
	Location	: At Stair	And Mezzanine De	ck In Tra	nsfer Area			
Gypsum Board	3%	4+		LIFE	* *	5	\$400	
	Staining/D	iscoloring	, Extent : Moderate	e, Area Aj	ffected : 5%			
	Location	: At Stair						
Metal Panel	60%	4+	\$8,000	LIFE	* *	!		
manufacture i union			: Moderate, Area		: 20%			
		: Transfer			/ /			
			Extent : Moderate, 1	Area Affo	ected · 5%			
			ilings Throughout	rea rijje				
		: Statt Ka tion : Pain						
	ьлрини	ion . I um	1 centig					

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

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

Asset #: 13883

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	0-2	\$9,400	2040	* *	5	\$12,000	
	Water Pen	etration, E.	xtent : Light, Area	Affected	: 5%			
	Location	: In Front	Of Womens Locke	r Room A	And Control Room	(2nd Flo	oor)	
Exposed Struc: Steel	85%			LIFE	* *	10	\$271,100	
•	Other Observation, Extent : Light, Area Affected : 100%							
	Location	: Ceiling I	Entire					
	Explanat	ion : Expo	sed Metal Decking	And Tru	sses			

Current	Repair Future Replacement			M		
% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
				5	\$500	
		rea Affe	cted : 100%			
Explanation: One	3000 Amps, Main L	isconne	ct Switch			
100-		• • • •		_	* 400	
				5	\$400	
		rea Affe	cted : 100%			
			/120 G			
Explanation: Three	e /5 Kw 480/2//v F	rı - 208/	120v Sec			
1000/		2047	* *	_	¢2.600	
100%		2047	* *	3	\$2,600	
1,000/		2047	* *	1		
100%		2047		1		
1.00/		2042	sk sk	_	¢200	
					·	
90%		2043		3	\$2,400	
1000/		2047	* *	1		
100%		2047		1		
1.00%		2040	* *	5	\$100	
			* *			
9070		2040			\$2,300	
100%		LIFE	* *	5	\$2 900	
10070		DII D			Ψ2,700	
45%		2032	* *	10	\$41.300	
	Extent : Moderate, A		cted : 100%		Ψ.1,500	
==						
	•	2032	* *	10	\$1.800	
	100% Other Observation, E Location: Electrica Explanation: One of the Control of	100% Other Observation, Extent: Moderate, A. Location: Electrical Room Explanation: One 3000 Amps, Main E. 100% Other Observation, Extent: Moderate, A. Location: Electrical Room Explanation: Three 75 Kw 480/277v F. 100% 100% 100% 10% 45% Other Observation, Extent: Moderate, A. Location: Offices, Locker Room And F. Explanation: T-8 Lamps	Nof Fail Date Estimated Cost Total (Years)	No of Total Fail Date (Years) Fail Date	Note Fail Date Estimated Cost Year Estimated Cost (Years)	No of Total Fail Date Estimated Cost FY Estimated Cost Cycle Cyc

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

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

Asset #: 13883

Electrical		Current F	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2032	* *	10	\$12,100	
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10	\$300	
Alarm								
Security System								
No Component	90%							
Generic	10%			2032	* *	1	\$3,700	
Fire/Smoke Detection								
No Component	90%							
Generic, Digital	10%			2032	* *	1-3	\$6,200	

Mechanical	Current Repair		e Replacement	Maintenance		
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2053	* *	1		
Conversion Equipment						
Furnace	5%	2035	* *	1	\$2,500	
	Other Observation, Extent : I	Moderate, Area Affe	cted : 5%			
	Location: Roof					
	Explanation: 2 Gas Fired I	Package Roof Top U	Inits			
No Component	95%					
Terminal Devices						
Fan Coil Unit/Heat	5%	2032	* *	1	\$1,600	
	Other Observation, Extent : 1	. ,				
	Location : Electrical Equip	ment And Water Me	ter Rooms			
	Explanation : Cabinet Unit Other Metering Rooms			Electric	al Equipment And	
No Component	95%					
Air Conditioning						
Energy Source						
Electricity	100%	2049	* *	1		
Conversion Equipment						
Ext Pkg Unit -	10%	2032	* *	2	\$600	
Heating/Cooling						
No Component	90%					
Ventilation						
Distribution						
Ductwork/Diffusers	5%	LIFE	* *	2-5	\$4,400	
Ductwork/Diffusers	95%	LIFE	* *	2-5	\$83,900	
Exhaust Fans	72.0				+	
Roof	100%	2032	* *	2	\$3,100	
Plumbing	- 0070				42,100	

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.

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

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

Mechanical		Current 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
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2053	* *	1		
Water Heater							
Electric	10%		2025	\$1,500	4	\$100	
No Component	90%						
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sewage Ejector(s)							
Electric	100%		2032	* *	4	\$1,600	
Backflow Preventer							
Generic	100%		2035	* *	1	\$6,100	
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			
Fire Suppression							•
Sprinkler							
Generic	100%		2053	* *	1-2	\$28,000	

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : W. 135TH MARINE TRANSFER STATION

Address : 135TH ST & HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOS0002.000 / 123 Yr Built/Renovated : 1955 /

Area Sq Ft : 60,932 Project Type : SANITATION

Date of Survey : 03-Jun-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2101 Lot : 120 BIN : 1062477

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,893,000	\$326,300
Interior Architecture	\$1,531,400	\$149,300
Electrical	\$106,400	
Total	\$3,530,800	\$475,500
Importance Code A	\$1,893,000	\$326,300
Importance Code B	\$1,593,600	\$149,300
Importance Code C	\$44,200	
Total	\$3,530,800	\$475,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture				
Interior Architecture	\$46,400			\$1,000
Mechanical		\$13,600		
Total	\$46,400	\$13,600		\$1,000
Importance Code A				
Importance Code B		\$13,600		\$1,000
Importance Code C	\$46,400			
Total	\$46,400	\$13,600		\$1,000



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

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

DEPARTMENT OF SANITATION - 827 W. 135TH MARINE TRANSFER STATION

Asset #: 123

rchitecture		Current l	Repair	Futu	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls	200/	3.7	Φ1 (2.2 00	2020	* *	-	ф. 12 . соо	
Fiberglass Panel	Location	issing Elen 1 : Through	\$162,200 nents, Extent : Seven out Extent : Severe, Area		Affected : 100%	5	\$42,600	
	Location	ı : Through				, Many C	Components Are	
Metal Panel	75%	Now	\$299,000	2034	* *	5	\$159,600	1
Wetter Funct	Broken/M Location	issing Elen 1 : Through	nents, Extent : Seve out	re, Area		3	Ψ137,000	1
	Location	ı : Through						
	Location	ı : Through	Extent : Severe, Are out Building Is Presenti			its Have	Been Vandalized.	
Window Wall	5%	Now	\$266,500	2054	**	5	\$10,600	1
		issing Elen 1 : Offices	nents, Extent : Seve	re, Area	Affected : 50%		. ,	
Windows								
Aluminum			\$278,700 nents, Extent : Seven out	2049 re, Area	* * Affected : 100%	5	\$3,400	1
Parapets								
Metal: Cage/Fence			\$223,900 nents, Extent : Seven out	2029 re, Area	* * Affected : 100%	5	\$124,100	1
Roof								
Cast in Place Concrete	_		\$38,100 Extent : Moderate out	LIFE , Area A	* * ffected : 50%			
Metal Panel			\$624,700 Damage, Extent : Se out	2044 vere, Ar	* * ea Affected : 100%			
		netration, E 1 : Through	Extent : Moderate, A out	rea Affe	cted : 25%			

Interior

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

DEPARTMENT OF SANITATION - 827 W. 135TH MARINE TRANSFER STATION

Asset #: 123

Architecture	Cu	Current Repair			e Replacement	M		
system Component Type		Date Esti	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Floors	0.504		Φ 2 0 π 000	* ****	de de	_	41.10.200	
Cast in Place Concrete	85% N Cracking/Crun Location : Th	-	\$207,900 nt : Moderate	LIFE , Area A <u>j</u>	* * fected : 50%	5	\$149,300	
Ceramic Tile	5% N	ow	\$76,000	2039	* *	5	\$2,000	
	Broken/Missin Location : Th	_	Extent : Seve	re, Area	Affected : 100%			
Vinyl Tile	10% N	ow	\$66,700	2034	* *	3	\$3,000	
·	Adhesion Faila Location: The Broken/Missin Location: The	nroughout g Elements,			ted : 100% ea Affected : 100%	ó		
Interior Walls								
Cast in Place Concrete	15% N Cracking/Crun Location : Th	_	\$18,900 nt : Moderate	LIFE e, Area A <u>f</u>	* * fected : 20%			
Concrete Masonry Unit	10% N	ow	\$44,200	LIFE	* *	5	\$800	
	Broken/Missin Location : O	_	Extent : Mod	erate, Ar	ea Affected : 15%			
Concrete Masonry Unit	50%			LIFE	* *	5	\$4,100	
Metal Panel	25% N Corrosion/Rus Location : St Deformed/Den Location : Re	eel Member: ted, Extent :	s At Lower Le Moderate, A	evel rea Affec	ted : 20%			
Ceilings			, ,	1				
AcousTileSusp.Lay-In	10% N Broken/Missin Location : El	_		2044 re, Area	* * Affected : 50%	5	\$4,000	
Exposed Concrete	25%			LIFE	* *	5	\$3,100	
Exposed Struc: Steel	65% 0 Corrosion/Rus Location : Th	ting, Extent	1,073,200 : Moderate, A	LIFE Area Affe	* * cted : 20%			

Electrical	Current Repair			Futur	e Replacement	Ma		
System Component Type		ail Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting			_					

Interior Lighting

HID 100% Now \$106,400 2034 * * Not in Service, Extent: Moderate, Area Affected: 100%

Location: Throughout The Building

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

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

DEPARTMENT OF SANITATION - 827 W. 135TH MARINE TRANSFER STATION

Mechanical	Current Repair	Future Replacement	Maintenance						
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority					
Heating									
Conversion Equipment									
No Component	50%								
No Component	50%								
Air Conditioning									
Conversion Equipment									
No Component	90%								
No Component	10%								
Ventilation									
Exhaust Fans									
Interior	5%	2019 \$13,600	2 \$100						
	Not in Service, Extent: Severe, A	Not in Service, Extent : Severe, Area Affected : 100%							
	Location : Throughout								
No Component	95%								
Plumbing				•					
Sanitary Piping									
Cast Iron	100%	LIFE **	1						

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : W. 59TH ST. MARINE TRANSFER STA.

Address : 59TH ST. & HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOS0004.000 / 2015 Yr Built/Renovated : 1987 /

Area Sq Ft : 85,099 Project Type : SANITATION

Date of Survey : 20-Jun-2016 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 1109 Lot : 99 BIN : 1076222

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$164,600	\$396,200
Interior Architecture	\$307,000	\$220,700
Electrical		\$1,365,600
Mechanical	\$315,200	\$779,200
Total	\$786,800	\$2,761,800
Importance Code A	\$164,600	\$692,300
Importance Code B	\$622,200	\$2,069,500
Total	\$786,800	\$2,761,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$24,400			
Interior Architecture	\$53,400			\$1,000
Electrical	\$40,100	\$500	\$1,600	\$1,700
Mechanical	\$67,500	\$8,400	\$13,800	\$10,600
Total	\$185,500	\$8,800	\$15,400	\$13,300
Importance Code A	\$24,400	\$5,600		\$5,600
Importance Code B	\$130,900	\$3,300	\$15,400	\$7,700
Importance Code C	\$30,100			
Total	\$185,500	\$8,800	\$15,400	\$13,300



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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 #: 2015

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type		l Date l ears)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	25% ()-2	\$18,000	2036	* *	5	\$99,100	
Fiberglass Panel			\$18,900 Extent : Light, Are			3	\$99,100	
	Location: Th	_	_	a rijjecie	. 10/0			
		_	ent : Severe, Are	a Affecte	d : 100%			
	Location: B	uilding E	ntire					
				ted For (Completetion 2018	8. Report	To Follow Is A	
16.15	Carryover F			20.45	de de		Φ20π 200	
Metal Panel)-2	\$55,700	2047	**	5	\$297,200	
	Location : Ti		ent : Light, Area I	Ајјестеа :	10%			
Windows	Locuiton . 17	irougnoi						
Aluminum	100%)-2	\$5,600	2043	* *	5	\$3,400	
		_	: Light, Area Affe		0%	C	φ2,.00	
	Location : Th	hroughou	ıt .					
Roof								
Fiberglass Panel	10%			2036	* *	1		
Metal Panel	90%			2040	* *	10	\$108,900	
Interior								
Floors Cast in Place Concrete	90% ()-2	\$51,200	LIFE	* *	5	\$220,700	
Cust in Flace Concrete		_	Extent : Light, Are		ed : 10%	3	Ψ220,700	
	Location : Th	_	_	55				
Ceramic Tile	3% N	ow	\$6,400	2036	* *	5	\$1,700	
	Broken/Missin	g Elemer	ıts, Extent : Mod	erate, Ar	ea Affected : 10%		,	
	Location: B	athroom						
Vinyl Tile		OW	\$65,200	2037	* *	3	\$2,900	
	Broken/Missing Elements, Extent: Moderate, Area Affected: 10%							
	Location : O	-						
	_	_	Extent : Severe, A	rea Affec	ted : 30%			
Interior Walls	Location : Th	ırougnoi	17					
Cast in Place Concrete	5%			LIFE	* *	10	\$3,600	
Concrete Masonry Unit		1+	\$3,100	LIFE	* *	5	\$1,100	
Concrete Wasoniy Cine			nt : Moderate, Ai		ed : 5%	5	Ψ1,100	
	-		ot Ramp To Uppe					
Fiberglass Panel	35%)-2	\$7,500	LIFE	* *			
-	Broken/Missin	g Elemer	nts, Extent : Ligh	t, Area Aj	ffected : 10%			
	Location : Th	hroughou	at .					
Gypsum Board)-2	\$600	LIFE	* *	5	\$1,700	
	_	_	Extent : Light, Are	ea Affecte	ed : 10%			
	Location : TI							
Metal Panel)-2	\$15,400	LIFE	* *			
	-		ent : Light, Area I	Affected :	10%			
	Location : Th	ırougnoi	ı					

Maintenance \$ are aggregated over a 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 #: 2015

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$13,300	2040	* *	5	\$2,800	
	Cracking/Cr Location:	0.	Extent : Severe, A out	rea Affec	cted : 60%			
Exposed Struc: Steel	85%			LIFE	* *	10	\$190,600	
•	Corrosion/R Location :	0.	xtent : Light, Area out	Affected	: 10%			
Metal Panel	10%	0-2	\$3,700	LIFE	* *	5	\$14,000	
	Corrosion/R	Rusting, Ex	ctent : Light, Area	Affected	: 10%		,	
	Location:	Through	out					

Electrical		Current	Repair	Futur	e Replacement	М	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts									
Service Equipment									
Molded Case Bkrs	100%			2027	\$38,400	5	\$2,200		
			Extent : Moderate, A	Area Affe	ected : 100%				
		: Electrica							
	-	tion : Four	800 Amps Main D	isconnec	t Switch, Building I	ls Under	Construction No		
Switchgear / Switchboard	Access								
Molded Case Bkrs	100%			2027	\$214,800	5	\$2,200		
Raceway	10070			2021	Ψ214,000		Ψ2,200		
Conduit	100%			2027	\$94,300	1			
Panelboards	10070			2027	Ψ21,300				
Fused Disc Sw	10%			2026	\$11,700	5	\$200		
Molded Case Bkrs	90%			2026	\$105,100	5	\$2,000		
Wiring					· / /		. , ,		
Thermoplastic	100%			2027	\$149,800	1			
Motor Controllers					•				
Locally Mounted	5%			2025	\$3,700	5			
Motor Control Center	95%			2025	\$223,200	5	\$2,200		
Ground									
Grounding Devices									
Generic	100%			LIFE	* *	5	\$2,500		
Lighting									
Interior Lighting	10-1						*** ***		
Fluorescent	40%			2022	\$51,100	10	\$27,500		
			Extent : Moderate, A	Area Affe	ected : 100%				
		_	out The Building						
		tion : T-12	Lamps	2025	400.100	10	ф4 г оо		
HID	60%			2022	\$89,100	10	\$1,500		
Egress Lighting	5 00/			2022	Ф22.100	10	#0.000		
Emergency, Battery	50%			2022	\$33,100	10	\$9,000		
Exit, Service	50%			2022	\$4,100	1			

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

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

Asset #: 2015

Electrical	Current Repair		Futur	e Replacement	M		
System Component Type	% of Fail Da Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Exterior Lighting							
HID	100%		2022	\$313,900	10	\$300	
Alarm							
Fire/Smoke Detection							
No Component	90%						
Generic, Analog	10%		2022	\$86,100	1-3	\$5,400	

Mechanical	Cur	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail 1 Total (Ye	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source	400-							
Electricity	100%		2037	**	1			
		ion, Extent : Light, Area	Affected :	100%				
	Location: Thr			NA EG	7	v Tl C		
		Everything Under Cons st Survey By Ms July 09		o No Acces For S	urvey. I I	Keep The Same		
Conversion Equipment	Data From La	si survey by ms sury 02	,2012.					
Radiant Heater	80%		2027	\$257,700	2	\$27,800		
		Other Observation, Extent : Light, Area Affected : 100%						
	Location: Thr	_	55					
	Explanation:	10 Units						
No Component	20%							
Distribution								
Ductwork/Diffusers	80%		LIFE	* *	2-5	\$52,900		
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%		2035	* *	1			
Conversion Equipment								
Interior Pkg Unit -	10% No	w \$23,000	2032	* *	2	\$400		
Cooling	M. C.		r , 1 10	00/				
	Not in Service, I Location : 2nd	Extent : Severe, Area Af	tectea : 10	0%				
		CF 1001						
Window/Wall Unit	5%		2022	\$7,500	1			
No Component	85%							
Ventilation								
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$66,100		
Ductwork/Diffusers		Extent : Light, Area Affe			2-3	\$00,100		
	Location: Thr		u . 50/	•				
Exhaust Fans	Location . Thi	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						
Interior	80%		2022	\$303,100	2	\$1,800		
Roof	20%		2022	\$11,600	2	\$500		
Plumbing	20,0			411,000		4500		

Plumbing

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

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

Mechanical	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2027	\$218,500	1		
Water Heater							
Electric	100%		2022	\$11,300	4	\$700	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sewage Ejector(s)							
Compressed Air	100%		2037	* *	4	\$1,600	
Fixtures							
Generic	100%						
Fire Suppression							
Standpipe							
Generic	100% Now	\$261,000	2057	* *	1-5	\$26,600	
	Corroded, Extent: Se		d: 100%				
	Location : Througho	out					
Fire Pump							
Generic	100% Now	\$54,200	2042	* *	1	\$12,600	
	Other Observation, Ex	xtent : Severe, Are	a Affecte	d: 100%			
	Location : Barge Ar	ea					
	Explanation: Obsol	ete					

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : 59TH ST MARINE TRANSFER STATION NORTH PIER

Address : W 59TH STREET HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A

Date of Survey : 10-Dec-2015 Landmark Status : NONE

Areas Surveyed :

Block : 1109 Lot : 99 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$491,700	\$97,800
Total	\$491,700	\$97,800
Importance Code A	\$97,800	\$97,800
Importance Code B	\$393,900	
Total	\$491,700	\$97,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$56,300		\$28,900	\$18,000
Total	\$56,300		\$28,900	\$18,000
Importance Code A	\$49,800			
Importance Code B	\$6,500		\$28,900	\$18,000
Total	\$56,300		\$28,900	\$18,000



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 59TH ST MARINE TRANSFER STATION NORTH PIER

Asset #: 1843

65% 35% 5% 1% 4+	Estimated Cost	Year FY LIFE	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
35% 5% 1% 4+		LIFE	**	5		
35% 5% 1% 4+		LIFE	* *	5		
35% 5% 1% 4+		LIFE	* *	5		
5% 1% 4+				5	\$119,700	
1% 4+						
1% 4+		LIFE	* *	5	\$300	
	\$24,500	LIFE	* *	4	\$3,900	
	tent : Moderate, Are		ed : 5%		, - ,	
4%		LIFE	* *	4	\$23,300	
90%					,	
5%		LIFE	* *	5	\$15,600	
5%		LIFE	* *	5	\$75,900	
	0	: 5%				
		LIFE ffected : .	* *	4-5	\$20,600	
85%						
		2036	* *	4-5	\$26,100	
40%						
		-0.4-		_		
oken, Extent : Sevo ocation : Along P	ere, Area Affected : Portions Of South Fo	75% ace		3	\$6,500	
-	-	e, Area A	Affected : 25%			
30%		2036	* *	3	\$26,100	
50%						
10%						
			**	4	\$13,500	
ocation : Several	Sections Along Nor	th Side				
35% 50%		2036	* *	4	\$31,500	
	ocation: Through 4% 90% 5% osion, Extent: Moocation: Tidal Zo 5% rrosion, Extent: Nocation: Splash Zo 5% tting/Splitting, Ex ocation: Through 85% 60% 40% 10% Now oken, Extent: Sev. ocation: Along Perface Wearing/Sco ocation: South Ex 30% 50% 10% 15% Now ssing Part, Extent ocation: Several 35%	ocation: Throughout 4% 90% 5% osion, Extent: Moderate, Area Affected ocation: Tidal Zone Of Inshore Pede 5% rrosion, Extent: Light, Area Affected ocation: Splash Zone 5% tting/Splitting, Extent: Light, Area Affected: Ocation: Throughout 85% 60% 40% 10% Now \$114,300 oken, Extent: Severe, Area Affected: ocation: Along Portions Of South Forface Wearing/Scaling, Extent: Severocation: South End 30% 50% 10% 15% Now \$108,200 ossing Part, Extent: Severe, Area Affected: ocation: Several Sections Along Nor 35%	Docation: Throughout 4% LIFE 90% 5% LIFE Dosion, Extent: Moderate, Area Affected: 25% Docation: Tidal Zone Of Inshore Pedestals 5% LIFE Perrosion, Extent: Light, Area Affected: 5% Docation: Splash Zone 5% LIFE String/Splitting, Extent: Light, Area Affected: Docation: Throughout 85% 60% 2036 40% 10% Now \$114,300 2042 Doken, Extent: Severe, Area Affected: 75% Docation: Along Portions Of South Face Face Wearing/Scaling, Extent: Severe, Area Affected: 30% Docation: South End 30% 2036 15% Now \$108,200 2042 Docation: Several Sections Along North Side 35% 2036	ocation: Throughout 4% LIFE ** 90% 5% LIFE ** ocation, Extent: Moderate, Area Affected: 25% ocation: Tidal Zone Of Inshore Pedestals 5% LIFE ** ocation, Extent: Light, Area Affected: 5% ocation: Splash Zone 5% LIFE ** tring/Splitting, Extent: Light, Area Affected: 10% ocation: Throughout 85% 60% 2036 ** 40% 10% Now \$114,300 2042 ** oken, Extent: Severe, Area Affected: 75% ocation: Along Portions Of South Face face Wearing/Scaling, Extent: Severe, Area Affected: 25% ocation: South End 30% 2036 ** 50% 10% 15% Now \$108,200 2042 ** string Part, Extent: Severe, Area Affected: 100% ocation: Several Sections Along North Side	Second Content Conte	Secation : Throughout

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

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

DEPARTMENT OF SANITATION - 827 59TH ST MARINE TRANSFER STATION NORTH PIER

Piers		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
Fender								
Piles								
Timber	15%	Now	\$171,400	2042	* *	4	\$6,200	
	Broken, Ex	xtent : Seve	ere, Area Affected :	100%				
	Location	: North Si	de					
	Missing Po	art, Extent	: Severe, Area Affe	cted : 10	00%			
	Location	: West End	d					
Timber	45%			2036	* *	4	\$18,700	
Not Accessible	40%							
Deck Elements								
Railing								
Steel	80%			2025				
No Component	20%							
Coping/Curb								
Timber	90%			LIFE	* *			
No Component	10%							

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : 59TH ST MARINE TRANSFER STATION SOUTH PIER

Address : W 59TH STREET HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOS0004.020 / 2857 Yr Built/Renovated :

Area Sq Ft : 8,052 Project Type : SANITATION

Date of Survey : 10-Dec-2015 Landmark Status : NONE

Areas Surveyed :

Block : 1109 Lot : 99 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$81,000	
Total	\$81,000	
Importance Code B	\$81,000	
Total	\$81,000	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$67,700		\$16,400	\$7,400
Total	\$67,700		\$16,400	\$7,400
Importance Code A	\$15,500			
Importance Code B	\$52,200		\$16,400	\$7,400
Total	\$67,700		\$16,400	\$7,400



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

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

DEPARTMENT OF SANITATION - 827 59TH ST MARINE TRANSFER STATION SOUTH PIER

Asset #: 2857

Piers	Current Repair	Current Repair Future Replacement			t Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Structural							
Deck	4007	T TEE	ale ale	-	φ1 2 000		
Concrete	40% Cracking, Extent: Light, Area Affec Location: Throughout Surface Wearing/Scaling, Extent: I Location: Throughout		* * Fected : 20%	5	\$12,000		
Steel	5%	2028	* *	5	\$3,400		
Not Accessible	55%	2020		3	Ψ3,400		
Pile Caps	3370						
Concrete	10%	LIFE	* *	5	\$100		
Not Accessible	90%			-	7-00		
Piles and Bracing							
Steel	5%	LIFE	* *	5	\$12,400		
	Corrosion, Extent : Light, Area Affe Location : Splash Zone	ected : 20%					
Timber	5%	LIFE	* *	4-5	\$3,400		
Not Accessible	90%				, - ,		
Fender							
Buffer							
Rubber	45%	2036	* *	4-5	\$9,200		
No Component	55%						
Facing							
Timber	35% Surface Wearing/Scaling, Extent : I Location : Throughout	2036 Light, Area A <u>f</u>	* * fected : 50%	3	\$14,400		
Timber	5% Now \$18,0 Broken, Extent : Severe, Area Affect Location : At East And West Ends	ted : 100%	* *	3	\$1,500		
No Component	50%						
Not Accessible	10%						
Wales and Chocks							
Timber	20% Now \$27,20 Broken, Extent : Severe, Area Affect Location : South Face		* *	4	\$8,500		
Timber	50%	2036	* *	4	\$21,300		
Not Accessible	30%				. , -		
Piles Timber	15% Now \$81,0		* *	4	\$2,900		
	Broken, Extent: Severe, Area Affect Location: Throughout		500/				
	Rotting/Splitting, Extent: Severe, A	rea Affected .	50%				
TD' 1	Location: Throughout	2025	* *		ΦΩ ΩΩΩ		
Timber	45%	2036	* *	4	\$8,800		
Not Accessible	40%						

Deck Elements

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

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

DEPARTMENT OF SANITATION - 827 59TH ST MARINE TRANSFER STATION SOUTH PIER

Piers		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
Deck Elements								
Coping/Curb								
Timber	98%			LIFE	* *			
Timber	2%	Now	\$3,400	LIFE	* *			
	Loose Con	nections, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	· Isolated	Elements On North	Side				

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BROOKLYN SANITATION GARAGE CONCRETE PIER

Address : 52ND ST. AND GOWANUS BAY

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOS0006.010 / 1818 Yr Built/Renovated :

Area Sq Ft : 40,443 Project Type : SANITATION

Date of Survey : 28-Sep-2015 Landmark Status : NONE

Areas Surveyed :

Block : 803 Lot : 5 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$6,417,800	\$125,000
Total	\$6,417,800	\$125,000
Importance Code A	\$4,492,900	\$125,000
Importance Code B	\$1,924,900	
Total	\$6,417,800	\$125,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$36,600		\$32,600	\$7,200
Total	\$36,600		\$32,600	\$7,200
Importance Code A	\$27,500			
Importance Code B	\$9,000		\$32,600	\$7,200
Total	\$36,600		\$32,600	\$7,200



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 BROOKLYN SANITATION GARAGE CONCRETE PIER

Asset #: 1818

Piers	Current Repair Fu	ture Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years) FY	ar Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural					
Deck Concrete	45% Now \$1,043,100 LIF Other Observation, Extent : Severe, Area Affe Location : Offshore 400 Feet Of Pier		5	\$33,900	
Concrete	Explanation : Collapsed/failed 25% 4+ \$579,500 LIF Cracking, Extent : Light, Area Affected : 10%		5	\$18,800	
	Location: Throughout Inshore 500 Feet Of Spalling, Extent: Light, Area Affected: 5% Location: Isolated Throughout Inshore 500				
Not Accessible	30%				
Firewalls Concrete	90% LIF Cracking, Extent: Light, Area Affected: 5% Location: 215 Feet From Inshore End Of P Spalling, Extent: Light, Area Affected: 5% Location: 215 Feet From Inshore End Of P	ier	5-10	\$8,200	
Not Accessible	10%	ier			
Pile Caps	10%				
Timber	45% Now \$903,500 LIF Other Observation, Extent : Severe, Area Affe Location : Offshore 400 Feet Of Pier Explanation : Failed/collapsed		4	\$143,000	
Timber	35% 4+ \$702,700 LIF Rotting/Splitting, Extent : Moderate, Area Aff Location : Isolated Throughout Inshore 500	ected : 10%	4	\$111,200	
Not Accessible	20%				
Piles and Bracing					
Timber	40% Now \$1,264,000 LIF Missing Pile, Extent: Severe, Area Affected: Location: Isolated Locations At Inshore 500 Other Observation, Extent: Severe, Area Affe Location: Offshore 400 Feet Of Pier Explanation: Collapsed/Failed	 15% 0 Feet Of Pier	4-5	\$72,500	
Timber	15% LIF Rotting/Splitting, Extent : Light, Area Affected Location : Isolated Throughout		4-5	\$50,600	
Not Accessible	45%				
ender					
Buffer Rubber Rubber	95% 204 5% Now \$9,000 204	**	4-5 4-5	\$45,700 \$1,500	
	Missing Part, Extent : Severe, Area Affected : Location : At Inshore End Of Pier, North Sid				

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

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

DEPARTMENT OF SANITATION - 827 BROOKLYN SANITATION GARAGE CONCRETE PIER

Piers	Current Repair	Future Replacement	Maint	tenance			
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Es (Yrs)	stimated Cost Priority			
ender							
Facing							
Timber	30% Now \$631,700 Missing Part, Extent : Severe, Area Affo Location : North Side Of Pier	2042 ** ected : 100%	3	\$21,600			
No Component	70%						
Wales and Chocks							
Timber	55% Now \$219,200 Other Observation, Extent : Severe, Arc	2042 ** ea Affected : 100%	4	\$54,800			
	Location : Inshore 280 Feet Of Pier, L Explanation : Failed	North Side And Offshore 61	5 Feet Of Pie	er, South Side			
Timber	15% Rotting/Splitting, Extent : Light, Area A Location : Inshore End Of Pier, South		4	\$14,900			
No Component	30%						
Piles							
Timber	85% Now \$1,073,900 Missing Pile, Extent : Severe, Area Affe Location : Entire North Side Of Pier A		4 ier, South Sie	\$39,100 de			
	Other Observation, Extent : Severe, Area Affected : 100%						
	Location: 12 Steel Pipe Piles With Corrosion Above Water At Offshore End Of Pier						
	Explanation: Corrosion						
Timber	10% Rotting/Splitting, Extent : Light, Area A Location : Inshore End Of Pier, South		4	\$4,600			
37 . A		i siae					
Not Accessible	5%						

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : FRESH KILLS, PLANT #1 MOORING DOCK & CATWALK-EAST

Address : FRESH KILLS, STATEN ISLAND SOUTH SHORE W. OF EXP WAY TO PT

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS000B.SI1 / 4153 Yr Built/Renovated : 1948 /

Area Sq Ft : 2,205 Project Type : SANITATION

Date of Survey : 18-Mar-2013 Landmark Status : NONE

Areas Surveyed :

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$537,200	
Total	\$537,200	
Importance Code A	\$316,900	
Importance Code B	\$174,100	
Importance Code C	\$46,200	
Total	\$537,200	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$50,100			\$2,000
Total	\$50,100			\$2,000
Importance Code A	\$16,400			
Importance Code B	\$33,700			\$2,000
Total	\$50,100			\$2,000



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, PLANT #1 MOORING DOCK & CATWALK-EAST

Asset #: 4153

iers	Current Repair	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
ructural					
Deck	50/ N		_	Φ.500	
Timber	5% Now \$9,800 I Broken, Extent : Severe, Area Affected : 10 Location : Throughout	LIFE * * * 90%	5	\$500	
Timber	10% 0-2 \$19,600 I Rotting/Splitting, Extent : Moderate, Area Location : Throughout	LIFE ** Affected : 100%	5	\$900	
Timber	85% 4+ \$166,900 I Rotting/Splitting, Extent : Light, Area Affec Location : Throughout	LIFE ** cted : 100%	5	\$7,900	
Pile Caps					
Timber	20% 4+ \$13,100 I Rotting/Splitting, Extent : Moderate, Area Location : Throughout	LIFE ** Affected: 20%	4	\$3,500	
Timber	75% I	LIFE **	4	\$13,000	
Timber	5% Now \$3,300 I Broken, Extent: Severe, Area Affected: 10 Location: Isolated From Impact Other Observation, Extent: Severe, Area A Location: Near Mid-point Of Catwalk		4	\$900	
	Explanation : Fire Damage				
Piles and Bracing Timber	45% 4+ \$77,500 I Rotting/Splitting, Extent : Light, Area Affec Location : Throughout	LIFE ** cted : 40%	4-5	\$4,400	
Timber	25% Now \$43,100 I Rotting/Splitting, Extent : Severe, Area Aff Location : Throughout	LIFE * * ected : 80%	4-5	\$2,500	
	Other Observation, Extent : Severe, Area A Location : Near Mid-point Of Catwalk Explanation : Fire Damage	Affected : 20%			
Not Accessible	30%				
Coping/Curb					
Timber	Rotting/Splitting, Extent : Light, Area Affect Location : Throughout				
	Other Observation, Extent : Severe, Area A Location : This Is A Primary Structural C Explanation : Note				
Timber	10% Now \$4,600 I Rotting/Splitting, Extent : Severe, Area Aff- Location : First 50 Feet On North Side	LIFE * * ected : 100%			

Fender

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

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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, PLANT #1 MOORING DOCK & CATWALK-EAST

Piers		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender								
Piles								
Steel	5%			2033	* *	3-5	\$15,200	
		Extent : M.: Through	Ioderate, Area Affe out	cted : 10	0%			
Timber	10%	Now	\$48,500	2039	* *	4	\$1,800	
		tent : Seve : Through	re, Area Affected : out	100%				
Timber	15%	4+	\$72,800	2033	* *	4	\$2,700	
	Rotting/Sp	litting, Ext : Through	ent : Moderate, Are	ea Affect	ed : 40%		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Timber	20%			2033	* *	4	\$3,500	
No Component	50%							
Deck Elements Railing								
Timber	30%	4+	\$15,800	2019	\$31,700			
	Worn, Extent : Light, Area Affected : 100% Location : Throughout							
Timber	20%	Now	\$10,600	2019	\$21,100			
	Broken, Extent : Severe, Area Affected : 100% Location : Several Locations Throughout South Side							
No Component	50%							

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : FRESH KILLS, PLANT #1 MOORING DOCK & CATWALK-WEST

Address : FRESH KILLS, STATEN ISLAND SOUTH SHORE W. OF EXP WAY TO PT

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS000B.SI2 / 4154 Yr Built/Renovated : 1948 /

Area Sq Ft : 3,020 Project Type : SANITATION

Date of Survey : 18-Mar-2013 Landmark Status : NONE

Areas Surveyed :

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$748,100	\$94,100
Total	\$748,100	\$94,100
Importance Code A	\$365,800	
Importance Code B	\$382,400	\$94,100
Total	\$748,100	\$94,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$36,900			\$8,800
Total	\$36,900			\$8,800
Importance Code A				
Importance Code B	\$36,900			\$8,800
Total	\$36,900			\$8,800



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, PLANT #1 MOORING DOCK & CATWALK-WEST

Asset #: 4154

Piers	Current I	Current Repair Fu		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural							
Deck	50/ N.	¢12.400	LIDE	* *	-	¢<00	
Timber	5% Now Broken, Extent : Seve Location : Isolated Missing Part, Extent Location : Isolated				5	\$600	
Timber	95% 4+ Rotting/Splitting, Ext Location : Isolated	\$255,400 ent : Moderate, Ard	LIFE ea Affecte	* * d : 50%	5	\$12,100	
Pile Caps							
Timber	30% 4+ Rotting/Splitting, Ext Location : Isolated	\$27,000 ent : Moderate, Ard	LIFE ea Affecte	* * d : 50%	4	\$7,100	
Timber	50%		LIFE	* *	4	\$11,900	
Timber	5% Now Broken, Extent : Seve Location : Isolated	\$4,500 ere, Area Affected :	LIFE 100%	* *	4	\$1,200	
Timber	15% 0-2 Rotting/Splitting, Ext Location : Through		LIFE ea Affecte	* * d : 100%	4	\$3,600	
Piles and Bracing							
Timber	20% 4+ Rotting/Splitting, Ext Location : Isolated		LIFE ea Affecte	* * d : 50%	4-5	\$2,700	
Timber	2% Now Broken, Extent : Seve Location : Isolated		LIFE 100%	* *	4-5	\$300	
Timber	38%		LIFE	* *	4-5	\$5,100	
Not Accessible	40%						
Fender							
Facing Timber	15% 4+ Rotting/Splitting, Ext Location : Through		2033 ea Affecte	* * d : 50%	3	\$4,900	
No Component Not Accessible	70% 15%						
Wales and Chocks Timber	30% Rotting/Splitting, Ext Location : Through	-	2033 ffected : 1	* *	4	\$13,600	
No Component	70%						
140 Component	70/0						

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

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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, PLANT #1 MOORING DOCK & CATWALK-WEST

Piers	Current Repair	Future Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Fender					
Piles					
Steel	5%	2033 **	3-5	\$18,000	
	Corrosion, Extent : Light, Area Affecte Location : Throughout Tops Of Piles				
Timber	30% Now \$173,100	2039 **	4	\$6,300	
	Broken, Extent: Severe, Area Affected Location: Isolated Throughout			,	
	Rotting/Splitting, Extent : Severe, Area Location : Throughout	i Affected : 50%			
No Component	50%				
Not Accessible	15%				
Deck Elements					
Railing					
Steel	20% 2-4 \$28,200 Buckling, Extent: Moderate, Area Affa Location: Throughout Corrosion, Extent: Light, Area Affecte Location: Throughout	ected : 50%			
Timber	50% 4+ \$37,600	2019 \$37,600			
	Rotting/Splitting, Extent : Moderate, A Location : Throughout	' '			
No Component	30%				
Coping/Curb					
Timber	70% 4+ \$44,200 Rotting/Splitting, Extent : Moderate, A Location : Throughout	LIFE ** rea Affected : 50%			
Timber	25%	LIFE **			
Timber	5% Now \$3,200 Rotting/Splitting, Extent : Severe, Area Location : Isolated	LIFE ** a Affected: 100%			

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : FRESH KILLS, PLANT #2 MOORING DK MOORING DOCK & CATWALKS

Address : FRESH KILLS, STATEN ISLAND NORTH SIDE OF THE RIVER

Borough : STATEN ISLAND Agency's Number : N/A

Program / Asset # : DOS000B.SI4 / 4156 Yr Built/Renovated : 1948 /

Area Sq Ft : 3,485 Project Type : SANITATION

Date of Survey : 21-Mar-2013 Landmark Status : NONE

Areas Surveyed :

Block : 2685 Lot : 1 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$493,200	
Total	\$493,200	
Importance Code A	\$68,300	
Importance Code B	\$425,000	
Total	\$493,200	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$46,500			\$4,700
Total	\$46,500			\$4,700
Importance Code A				
Importance Code B	\$46,500			\$4,700
Total	\$46,500			\$4,700



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, PLANT #2 MOORING DK MOORING DOCK & CATWALKS

Asset #: 4156

Piers	Current Repair Future Replacem		e Replacement	cement Maintenance				
System Component Type		Date Estin	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Deck	20/ N		¢c 200	LIEE	* *	_	¢200	
Timber	2% N Broken, Extent Location : Iso		\$6,200 ea Affected :	LIFE 100%	* *	5	\$300	
Timber	20% 2 Rotting/Splittir Location : Th	_	\$62,100 Moderate, Ar	LIFE ea Affecte	* * ed : 50%	5	\$2,900	
Timber	78% Aging, Extent . Location : Th	_	Affected : 10	LIFE 90%	* *	5	\$11,400	
Pile Caps Timber	100%			LIFE	* *	4	\$27,400	
Piles and Bracing Timber	100%			LIFE	* *	4-5	\$15,600	
Fender								
Facing Timber	Broken, Extent				* * solated Throughor	3 ut	\$3,100	
Timber		-4 eg, Extent : N	\$274,000	2039	* *	3	\$9,400	
No Component Not Accessible	50% 10%							
Wales and Chocks								
Timber	10% N Rotting/Splittir Location : Iss	_		2039 Affected :	* * 100%	4	\$4,300	
No Component Not Accessible	50% 40%							
Piles								
Timber Not Accessible	5% 95%			2033	* *	4	\$1,000	
Deck Elements	9370							
Railing								
Timber	20% N Broken, Extent Location : Iso		\$11,900 rea Affected :	2019 100%	\$23,800			
Timber	30%			2018	\$35,700			
No Component	50%							
Coping/Curb Timber	100% Rotting/Splittir Location : Th	_	Light, Area A	LIFE ffected : 2	* * 25%			

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

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : FRESH KILLS, WEST MOORING DOCK & CATWALK

Address : GREAT FRESH KILLS, STATEN ISLAND W. AND S. MOST CATWALK AREAS

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS000B.SI5 / 4157 Yr Built/Renovated : 1948 /

Area Sq Ft : 27,344 Project Type : SANITATION

Date of Survey : 21-Mar-2013 Landmark Status : NONE

Areas Surveyed :

Block : 5900 Lot : 100 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$3,273,900	\$1,826,200
Total	\$3,273,900	\$1,826,200
Importance Code A	\$1,463,100	\$168,100
Importance Code B	\$1,524,700	\$1,658,100
Importance Code C	\$286,200	
Total	\$3,273,900	\$1,826,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$412,300	\$5,700		\$3,400
Total	\$412,300	\$5,700		\$3,400
Importance Code A				
Importance Code B	\$412,300	\$5,700		\$3,400
Total	\$412,300	\$5,700		\$3,400



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, WEST MOORING DOCK & CATWALK

Asset #: 4157

Piers	Current F	Current Repair Future Replacement		M			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural							
Deck					_		
Timber	2% Now	\$48,700	LIFE	* *	5	\$2,300	
	Broken, Extent : Seve Location : Isolated	re, Area Affected :	100%				
Timber	48% 4+	\$701,100	LIFE	* *	5	\$55,100	
	Rotting/Splitting, Ext Location : Through		ea Affecti	ed : 50%			
Timber	50%		LIFE	* *	5	\$57,400	
Pile Caps							
Timber	2% Now Broken, Extent : Seve	\$16,300 re, Area Affected :	LIFE 100%	* *	4	\$4,300	
	Location: Isolated						
Timber	20% 4+ Rotting/Splitting, Ext	\$162,900 ent : Moderate, Arc	LIFE ea Affecto	* * ed : 50%	4	\$43,000	
	Location : Through		33				
Timber	78%		LIFE	* *	4	\$167,600	
Piles and Bracing	. 6,0				· ·	\$107,000	
Timber	5% Now	\$106,800	LIFE	* *	4-5	\$6,100	
	Broken, Extent : Seve Location : Isolated	re, Area Affected :	100%				
Timber	20% 4+	\$427,300	LIFE	* *	4-5	\$24,500	
	Rotting/Splitting, Ext Location : Through		ea Affecto	ed : 50%			
Timber	35%		LIFE	* *	4-5	\$42,900	
Not Accessible	40%						
Coping/Curb							
Timber	50%		LIFE	* *			
	Other Observation, E	xtent : Severe, Are	a Affecte	d : 100%			
	Location : This Is A	Primary Structura	ıl Girder				
	Explanation : Note						
Timber	49% 4+	\$280,400	LIFE	* *			
	Rotting/Splitting, Ext Location : Through		ea Affecto	ed : 100%			
Timber	1% Now	\$5,700	LIFE	* *			
	Broken, Extent : Seve						
	Location : One Location : Abandoned Floating		Southern	n Catwalks And Or	ie Locatio	on South Of	

Fender

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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, WEST MOORING DOCK & CATWALK

Piers	Cı	urrent Rep	air	Futur	e Replacement	M	aintenance	
System Component Type		ll Date Es Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender								
Piles								
Steel	5%			2033	* *	3-5	\$195,700	
		_	, Area Affected	: 10%				
	Location : T	hroughout						
Timber	10% N	low	\$376,100	2027	\$626,800	4	\$22,800	
	Broken, Exten	t : Severe, 1	Area Affected :	100%				
	Location: T	hroughout						
Timber	10%	4+	\$376,100	2027	\$626,800	4	\$22,800	
	Rotting/Splitti	ng, Extent .	Moderate, Ar	ea Affect	ed : 50%		, ,	
	Location : T	hroughout						
Timber	5%			2027	\$313,400	4	\$17,100	
No Component	50%							
Not Accessible	20%							
Deck Elements								
Railing								
Timber	2% N	low	\$16,400	2018	\$27,300			
	Broken, Exten	t : Severe, 1	Area Affected :	100%				
	Location: Is	olated						
Timber	8% 2	2-4	\$65,400	2018	\$109,000			
	Rotting/Splitti	ng, Extent .	Moderate, Ar	ea Affect				
	Location : T	hroughout						
Timber	40%	4+	\$327,100	2018	\$545,100			
	Rotting/Splitti	ng, Extent .	Light, Area A	fected :	100%			
	Location : T	hroughout						
No Component	50%							

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : GREENPOINT MARINE TRANSFER STA. BARGE DOCKS

Address : N. HENRY ST. & NEWTON CREEK

 $Borough \hspace{1.5cm} : \hspace{.1cm} BROOKLYN \hspace{1.5cm} Agency's \hspace{.1cm} Number \hspace{.1cm} : \hspace{.1cm} N/A$

 $Program \, / \, Asset \, \# \quad : \, \, DOS0007.010 \, / \, 1819 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Area Sq Ft : 22,248 Project Type : SANITATION

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

Areas Surveyed :

Block : 2508 Lot : 1 BIN :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$43,000			\$13,700
Total	\$43,000			\$13,700
Importance Code A				
Importance Code B	\$43,000			\$13,700
Total	\$43,000			\$13,700



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

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

DEPARTMENT OF SANITATION - 827 GREENPOINT MARINE TRANSFER STA. BARGE DOCKS

Asset #: 1819

Piers	Current Re	pair Fu	ture Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Yea	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural						
Deck						
Concrete	5%	LIF		5	\$2,100	
Timber	30%	LIF		5	\$28,000	
	Surface Wearing/Scalin Location : Walkways T		Affectea : 20%			
No Component	20%					
Not Accessible	45%					
Pile Caps						
Concrete	10%	LIF		5	\$200	
Timber	20%	LIF		4	\$35,000	
	Rotting/Splitting, Extend Location : Isolated Th		l : 5%			
Not Accessible	70%					
Piles and Bracing						
Timber	10%	LIF	E **	4-5	\$10,000	
	Other Observation, Exte Location : Above Mhy	v Elevation	ed : 10%			
NI-4 A	Explanation : Checkin	8				
Not Accessible	90%					
Fender						
Buffer Rubber	5%	203	7 **	4-5	\$1,800	
No Component	95%	203		4-3	\$1,000	
Facing	93/0					
Timber	63%	203	3 **	3	\$44,200	
Timber	2% Now	\$15,400 203		3	\$1,100	
Timoer	Broken, Extent : Severe,	· · · · · · · · · · · · · · · · · · ·		3	Ψ1,100	
	Location : At North Si					
No Component	15%					
Not Accessible	20%					
Piles	2070					
Timber	12%	203	3 **	4	\$4,000	
1 micei	Worn, Extent : Light, A			•	Ψ1,000	
	Location : Isolated Ab					
Timber	3% Now	\$16,600 203	Q **	4	\$1,000	
Timber	Broken, Extent : Severe,			4	\$1,000	
	Location : At Offshore					
No Commonant			- P			
No Component Not Accessible	75%					
	10%					
Deck Elements Railing						
Steel	20%	202	2			
	20% 80%	202	<u> </u>			
No Component	OU%					

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

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

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

DEPARTMENT OF SANITATION - 827 GREENPOINT MARINE TRANSFER STA. BARGE DOCKS

Asset #: 1819

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

Deck Elements Coping/Curb

Timber 100% LIFE **

Rotting/Splitting, Extent : Moderate, Area Affected : 5%

Location: Along West Side Of Facility

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : HAMILTON AVENUE MTS BARGE DOCKS

Address : HAMILTON AVE & GOWANUS BAY

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOS0009.010 / 2873 Yr Built/Renovated :

Area Sq Ft : 40,086 Project Type : SANITATION

Date of Survey : 29-Jan-2008 Landmark Status : NONE

Areas Surveyed :

Block : 625 Lot : 2 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$79,300	\$37,300
Total	\$79,300	\$37,300
Importance Code A		\$37,300
Importance Code B	\$79,300	
Total	\$79,300	\$37,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$16,400	\$12,100	\$16,700	\$3,000
Total	\$16,400	\$12,100	\$16,700	\$3,000
Importance Code B	\$16,400	\$12,100	\$16,700	\$3,000
Total	\$16,400	\$12,100	\$16,700	\$3,000



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 HAMILTON AVENUE MTS BARGE DOCKS

Piers		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type		Tail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
tructural								
Deck								
Concrete	50%			LIFE	* *	5	\$37,300	
			ght, Area Affected .	2%				
	Location:							
	-	_	ht, Area Affected :	2%				
	Location :	Through	out					
Not Accessible	50%							
Pile Caps								
Not Accessible	100%							
Piles and Bracing								
Not Accessible	100%							
Coping/Curb								
Timber	100%			LIFE	* *			
ender								
Buffer								
Rubber	15%			2028	* *	4-5	\$9,100	
No Component	85%							
Facing								
Timber	10%	4+	\$13,200	2028	* *	3	\$9,000	
			ate, Area Affected	: 20%				
	Location :	Through	out					
Timber	40%			2028	* *	3	\$36,200	
Not Accessible	50%							
Wales and Chocks								
Timber	20%			2028	* *	4	\$25,000	
Not Accessible	80%							
Piles								
Timber	10%			2028	* *	4	\$5,800	
Timber	5%	4+	\$79,300	2034	* *	4	\$2,900	
		_	ent : Moderate, Arc	ea Affect	ed : 50%			
	Location :	Through	out					
Not Accessible	85%							

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : NORTH SHORE MARINE TRANSFER STA. BARGE DOCKS

Address : FLUSHING BAY BET 30TH & 31ST AVE.

Borough : QUEENS Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOS0010.010 \, / \, 1805 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Area Sq Ft : 22,248 Project Type : SANITATION

Date of Survey : 28-Oct-2004 Landmark Status : NONE

Areas Surveyed :

Block : 4346 Lot : 75 BIN :

CAPITAL

Total

Importance Code

Total

EXPENSE

Total

Importance Code

Total



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

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

DEPARTMENT OF SANITATION - 827 NORTH SHORE MARINE TRANSFER STA. BARGE DOCKS

ated Cost Cycle (Yrs)	Estimated Cost	Priority

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : S.W.BROOKLYN MARINE TRANSFER STA BARGE DOCKS

Address : BAY 41ST ST. AND GRAVESEND BAY

Borough : BROOKLYN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOS0008.010 \, / \, 1820 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Area Sq Ft : 16,564 Project Type : SANITATION

Date of Survey : 08-Oct-2015 Landmark Status : NONE

Areas Surveyed :

Block : 6943 Lot : 30 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$568,000	_
Total	\$568,000	
Importance Code B	\$568,000	
Total	\$568,000	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$14,900			\$12,600
Total	\$14,900			\$12,600
Importance Code A	\$9,300			
Importance Code B	\$5,600			\$12,600
Total	\$14,900			\$12,600



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

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

DEPARTMENT OF SANITATION - 827 S.W.BROOKLYN MARINE TRANSFER STA BARGE DOCKS

Piers	Current Repair	Future Replacement	N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority
Structural					
Deck					
Concrete	30%	LIFE *	* 5	\$18,500	
	Cracking, Extent : Light, Area Affected Location : Throughout Concrete Acc				
Not Accessible	70%				
Pile Caps					
Concrete	2%	LIFE *	* 5		
	Erosion, Extent : Moderate, Area Affec				
	Location: At Top Of Exposed Pile Co	aps At Offshore End Of Sli)		
Not Accessible	98%				
Piles and Bracing					
Not Accessible	100%				
Fender					
Facing					
Timber	20% Now \$206,600 Broken, Extent: Severe, Area Affected Location: Throughout Interior Bay A Missing Part, Extent: Severe, Area Aff Location: Throughout Interior Bay A	And At Offshore fected : 40%	* 3	\$7,100	
Timber	35% 2-4 \$361,500 Rotting/Splitting, Extent: Moderate, A Location: Throughout Worn, Extent: Moderate, Area Affected Location: Splash Zone		* 3	\$12,400	
Timber	45%	2036 *	* 3	\$21,200	
Wales and Chocks					
Steel	5% Corrosion, Extent : Moderate, Area Af Location : Splash Zone	2036 * fected : 30%	* 3-5	\$2,400	
Not Accessible	95%				
Deck Elements					
Coping/Curb					
Timber	50% Rotting/Splitting, Extent: Light, Area A Location: Isolated Throughout	LIFE * Affected: 5%	k		
No Component	50%				

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : SANITATION GARAGE BKLYN 10 & 7 TIMBER PILE SUPPORTED PLATFORM

Address : NORTH SIDE OF DOS FACILITY #1821 @ FOOT OF 51ST STREET

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DOS000B.000 / 14149 Yr Built/Renovated :

Area Sq Ft : 9,850 Project Type : SANITATION

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

Areas Surveyed :

Block : 803 Lot : 5 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$1,221,400	
Total	\$1,221,400	
Importance Code A	\$747,300	
Importance Code B	\$474,100	
Total	\$1,221,400	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers				
Total				
Importance Code A				
Importance Code B				

Total



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

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

DEPARTMENT OF SANITATION - 827 SANITATION GARAGE BKLYN 10 & 7 TIMBER PILE SUPPORTED PLATFORM

Asset #: 14149

Piers	Current Repair Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Year F Total (Years) FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck					
Concrete	25% Now \$141,100 LIFE Broken, Extent : Severe, Area Affected : 100% Location : Collapsed At West End Of Asset	* *	5	\$4,600	
Concrete	55% 4+ \$93,200 LIFE Cracking, Extent : Severe, Area Affected : 20% Location : Throughout	* *	5	\$10,100	
Not Accessible	20% Other Observation, Extent: Light, Area Affected: (Location: Explanation: Covered With Fill	0%			
Pile Caps					
Timber	35% 4+ \$85,600 LIFE Rotting/Splitting, Extent : Moderate, Area Affected Location : Throughout	**	4	\$27,100	
Timber	50% LIFE	* *	4	\$38,700	
Timber	15% Now \$73,400 LIFE Broken, Extent : Severe, Area Affected : 100% Location : Collapsed At West End Of Asset	* *	4	\$11,600	
Piles and Bracing					
Timber	35% 4+ \$161,600 LIFE Rotting/Splitting, Extent : Moderate, Area Affected Location : Throughout	* *	4-5	\$15,400	
Timber	20% LIFE	* *	4-5	\$8,800	
Timber	25% Now \$192,400 LIFE Broken, Extent : Severe, Area Affected : 100% Location : Collapsed At West End Of Asset	* *	4-5	\$11,000	
Not Accessible	20%				
Fender Wales and Chocks	65% Now \$73,400 2039	* *	4	¢19.200	
Timber	65% Now \$73,400 2039 Broken, Extent : Severe, Area Affected : 100% Location : Throughout		4	\$18,300	
Timber	35% 4+ \$39,500 2037 Rotting/Splitting, Extent : Severe, Area Affected : I Location : Throughout	**	4	\$9,900	
Piles Timber	65% Now \$232,700 2039 Broken, Extent : Severe, Area Affected : 100% Location : Collapse At West End Of Asset And Th	* * aroughout	4	\$8,500	
Timber	15% 2-4 \$16,100 2037 Rotting/Splitting, Extent : Moderate, Area Affected Location : Throughout	* *	4	\$2,000	
Not Accessible	20%				
Not Accessible	2070				

Deck Elements

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

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

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

DEPARTMENT OF SANITATION - 827 SANITATION GARAGE BKLYN 10 & 7 TIMBER PILE SUPPORTED PLATFORM

Piers	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Deck Elements				
Coping/Curb				
Timber	65% 4+ \$40,200	LIFE **		
	Rotting/Splitting, Extent: Moderate, Ar	ea Affected : 50%		
	Location : Throughout			
Timber	35% Now \$72,200	LIFE **		
	Broken, Extent : Severe, Area Affected :	100%		
	Location : Broken At Collapse And M	issing Along West		

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : W. 135TH MARINE TRANSFER STATION BARGE DOCKS

Address : 135TH ST & HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOS0002.010 \, / \, 1841 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Area Sq Ft : 22,248 Project Type : SANITATION

Date of Survey : 05-Mar-2013 Landmark Status : NONE

Areas Surveyed :

Block : 2101 Lot : 120 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$35,300	\$65,400
Total	\$35,300	\$65,400
Importance Code A		\$65,400
Importance Code B	\$35,300	
Total	\$35,300	\$65,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$55,600			\$10,000
Total	\$55,600			\$10,000
Importance Code A				
Importance Code B	\$55,600			\$10,000
Total	\$55,600			\$10,000



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

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

DEPARTMENT OF SANITATION - 827 W. 135TH MARINE TRANSFER STATION BARGE DOCKS

Asset #: 1841

Current Repair	Future Replacement	M	aintenance	
% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priorit
		5	\$8,300	
		5	\$65,400	
Surface Wearing/Scaling, Extent : Ligh Location : Throughout	t, Area Affected : 20%			
10%				
10%	LIFE **	5	\$200	
15%	LIFE	4	\$26,200	
Rotting/Splitting, Extent : Light, Area A	ffected : 5%			
Location : Random				
75%				
5%	LIFE **	4-5	\$5,000	
95%				
Other Observation, Extent : Light, Area	ı Affected : 0%			
Location:				
Explanation: Wraps On The Majority	v Of Accessible Piles			
	2037 **	4-5	\$2,800	
3%				
2007	2022	2	ф 20 7 00	
		3	\$1,200	
	: 100%			
50%				
100/ 4 / / / / / / / / / / / / / / / / /	2020		ΦΩ 400	
		4	\$8,400	
	Affectea : 10%			
90%				
004	2022		42.40 2	
		7		
		4	\$800	
Broken, Extent : Severe, Area Affected Location : Throughout	: 100%			
80%				
10%				
10%				
10%				
• • • • • • • • • • • • • • • • • • •	20% 70% Surface Wearing/Scaling, Extent: Light Location: Throughout 10% 10% 15% Rotting/Splitting, Extent: Light, Area A Location: Random 75% 5% 95% Other Observation, Extent: Light, Area A Location: Explanation: Wraps On The Majority 7% 90% 3% 38% 2% Now \$35,300 Broken, Extent: Severe, Area Affected Location: Throughout 10% 50% 10% 4+ \$26,800 Rotting/Splitting, Extent: Light, Area A Location: Random 90% 8% 2% Now \$21,200 Broken, Extent: Severe, Area Affected Location: Throughout	Soft Fail Date Estimated Cost FY Estimated Cost Total Fail Date Estimated Cost FY	Note Fail Date Estimated Cost Fyer Estimated Cost Cycle Total (Years)	Year Fail Date Estimated Cost Year Estimated Cost Cycle (Yrs)

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

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BULKHEAD

Address : 135TH ST. & HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOS000B.MH2 / 1828 Yr Built/Renovated :

Linear Ft : 221 Project Type : SANITATION

Date of Survey : 28-Feb-2013 Landmark Status : NONE

Areas Surveyed :

Block : 2101 Lot : 120 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$38,600	
Total	\$38,600	
Importance Code A	\$38,600	
Total	\$38,600	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$2,400		\$1,100	
Total	\$2,400		\$1,100	
Importance Code A	\$2,400			
Importance Code B			\$1,100	
Importance Code C				
Total	\$2,400		\$1,100	



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

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

DEPARTMENT OF SANITATION - 827 BULKHEAD

Bulkheads	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
tructural							
Gravity Wall							
Concrete	5%		LIFE	* *	5		
	Cracking, Extent : Li		: 25%				
	Location: Through		A CC . 1	1000/			
	Other Observation, I Location : At South		Ајјестеа	: 100%			
	Explanation : Grav		and .				
No Common and		iiy wan Ai Souin E	па				
No Component	95%						
Revetment Stone	70%		LIFE	* *	5	\$900	
No Component	30%		LIFE		3	\$300	
No Component	Other Observation, I	Extent : Light, Area	Affected	: 0%			
	Location : North E		119900000	. 0,0			
	Explanation : Natu	ral Shoreline					
Sheet Piles	- T						
Steel	65%		LIFE	* *			
Steel	30% 4+	\$38,600	LIFE	* *			
	Corrosion, Extent : M Location : Tidal Zo		ected : 50	9%			
	Missing Coating, Ext Location : Tidal Zo		ea Affecto	ed : 50%			
No Component	5%						
Pile Caps							
Concrete	95%		LIFE	* *	5	\$600	
	Cracking, Extent : Li		: 15%				
	Location : Through	out					
Concrete	5% 4+	\$2,400	LIFE	* *	5		
	Spalling, Extent : Lig		50%				
	Location : Through	out					
Backfill							
Fill							
Not Accessible	100%						
Surface	000/		20.40		_	#2.20 2	
Brick Pavers	90%	Entant Liabt A	2040	**	5	\$2,300	
	Other Observation, I Location : Behind S	_		. 2070			
	Explanation : Settle		ıı				
No Component		mon					
No Component	10%						

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : BULKHEAD BTWN PIERS 98 & 99

Address : 59TH ST. & HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOS000B.MH4 / 1830 Yr Built/Renovated :

Date of Survey : 10-Dec-2015 Landmark Status : NONE

Areas Surveyed :

Block : 1109 Lot : 99 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$62,800	\$88,800
Total	\$62,800	\$88,800
Importance Code A	\$62,800	
Importance Code B		\$88,800
Total	\$62,800	\$88,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$64,500		\$1,100	\$14,200
Total	\$64,500		\$1,100	\$14,200
Importance Code A				
Importance Code B	\$64,500		\$1,100	\$14,200
Total	\$64,500		\$1,100	\$14,200



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 BULKHEAD BTWN PIERS 98 & 99

Asset #: 1830

Bulkheads	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural						
Relieving Platform Top				_		
Concrete	100% 4+ \$62,800	LIFE	* *	5	\$700	
	Cracking, Extent: Light, Area Affected	1:5%				
	Location: Throughout	100/				
	Erosion, Extent : Light, Area Affected	: 10%				
	Location: In Tidal Zone	A CC4 - 1	. 50/			
	Other Observation, Extent : Severe, Ar Location : 53 Ft To 63 Ft From Nort.		: 5%			
		п Епа				
Piles and Bracing	Explanation : Erosion					
Not Accessible	100%					
Lowlevel Pile Caps	100/0					
Timber	5%	LIFE	* *			
Timoer	Rotting/Splitting, Extent : Light, Area A		00%			
	Location: Throughout	ijjeerea . 10	,0,0			
Not Accessible	95%					
ackfill						
Fill						
Not Accessible	100%					
Surface						
Concrete	100%	2040	* *	5	\$2,200	
	Cracking, Extent : Light, Area Affected					
	Location : Isolated Traverse Crack A	pproximate	ly 125 Ft From l	North En	d	
Sender						
Piles	000/ 11 000	20.42	* *		#4.100	
Timber	90% Now \$31,500	2042	* *	4	\$4,100	
	Broken, Extent : Severe, Area Affected	: 50%				
	Location: Above Mlw	. 1 100/				
	Missing Pile, Extent: Severe, Area Aff	естеа : 10%)			
	Location: Throughout	. A.CC 4 - 1	250/			
	Rotting/Splitting, Extent: Severe, Area	і Ајјестеа : 2	23%			
	Location : Above Mlw					
Not Accessible	10%	1.00	00/			
	Other Observation, Extent : Light, Are	a Affected :	0%			
	Location:	ш.				
W.1101 1	Explanation: Not Accessible Below	Water				
Wales and Chocks	1000/ Nov. \$22,000	20.42	* *	1	¢10.200	
Timber	100% Now \$33,000 Broken, Extent: Severe, Area Affected	2042	* *	4	\$10,300	
	Broken, Extent : Severe, Area Affectea Location : Throughout	. 30%				
	_	footod . 500	/			
	Missing Part, Extent : Severe, Area Afj Location : Throughout	естеа : 50%	0			
Deck Elements	Locuiton . Throughout					

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

DEPARTMENT OF SANITATION - 827 BULKHEAD BTWN PIERS 98 & 99

Bulkheads	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements						
Railing						
Steel	50%	2025	\$88,800			
	Other Observation, Extent : Light, Are	ea Affected : 1	100%			
	Location : Throughout					
	Explanation: Steel Mesh In Timber	Frame				
Timber	50%	2021	\$14,200			
	Other Observation, Extent : Light, Are	ea Affected : 5	50%			
	Location: Throughout					
	Explanation: Weathering					

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : DOS SANITATION GARAGE GRAVITY / TIMBER SHEET PILE WALL

Address : 52ND ST. & GOWANUS BAY FOOT OF CONCRETE PIER

 $Borough \hspace{1.5cm} : \hspace{.1cm} BROOKLYN \hspace{1.5cm} Agency's \hspace{.1cm} Number \hspace{.1cm} : \hspace{.1cm} N/A$

Program / Asset # : DOS000B,BN1 / 1821 Yr Built/Renovated :

Linear Ft : 585 Project Type : SANITATION

Date of Survey : 05-Oct-2015 Landmark Status : NONE

Areas Surveyed :

Block : 803 Lot : 5 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$1,890,800	
Total	\$1,890,800	
Importance Code A	\$1,810,100	
Importance Code B	\$38,700	
Importance Code C	\$42,000	
Total	\$1,890,800	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$37,000	\$100		\$300
Total	\$37,000	\$100		\$300
Importance Code A	427.000	¢100		Ф200
Importance Code B Importance Code C	\$37,000	\$100		\$300
Total	\$37,000	\$100		\$300



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

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

DEPARTMENT OF SANITATION - 827 DOS SANITATION GARAGE GRAVITY /TIMBER SHEET PILE WALL

Bulkheads	Current Repair F	Future Replacement	M	aintenance	
System Component Type		ear Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priorit
tructural					•
Gravity Wall					
Concrete	Cracking, Extent: Severe, Area Affected: 4 Location: Throughout Missing Part, Extent: Severe, Area Affected Location: Above Tidal Zone Spalling, Extent: Severe, Area Affected: 50	1 : 20%	5	\$600	
	Location : In Tidal Zone				
	Other Observation, Extent: Severe, Area Af Location: Emergency H-pile Bracing Inst Explanation: Bracing		ирроrt W	'all	
No Component	60%				
Not Accessible	15%				
Revetment					
Stone	10% 4+ \$42,000 L. Settlement, Extent : Moderate, Area Affected Location : At Top And Mid Slope	IFE ** d : 20%	5	\$400	
No Component	90%				
Sheet Piles					
Timber	Rotting/Splitting, Extent: Light, Area Affect Location: Above Mean Low Water Elevat Other Observation, Extent: Severe, Area Af Location: Fill Loss Through Sheet Piles E	ion ffected : 10%	4 inkholes 1	\$3,300 In Asphalt	
N. C.	Explanation: Fill Loss				
No Component Not Accessible	40%				
Wales	30%				
Wales Not Accessible	100%				
Backfill	100/0				
Fill					
Topsoil	25% Now \$30,800 20 Other Observation, Extent : Severe, Area Af Location : Inshore Of Gravity Wall And Al				
	Explanation : Sinkholes	iong 1 imber Биікпейа			

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

DEPARTMENT OF SANITATION - 827 DOS SANITATION GARAGE GRAVITY /TIMBER SHEET PILE WALL

Bulkheads		Current Re	pair	Future	e Replacement	M	aintenance	
System Component Type		ail Date F (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Backfill								
Surface								
Asphalt	50%	Now	\$25,800	2042	* *	5	\$1,700	
	Settlement, E	Extent : Sev	ere, Area Affecte	d : 100%	i i			
	Location:	Sinkholes A	At Inshore Of Gra	ıvity Wal	l And Along Timbe	er Bulkhe	ead	
Asphalt	10%			2036	* *	5	\$700	
-	Cracking, Ex	xtent : Ligh	t, Area Affected :	25%				
	Location:	Isolated Th	roughout					
Asphalt	25%	0-2	\$12,900	2042	* *	5	\$800	
1	Settlement, E	Extent : Sev	ere, Area Affecte	d : 100%	,)			
	Location:	Along Timl	ber Bulkhead					
Not Accessible	15%							
Deck Elements								
Railing								
Fencing	70%			2028	* *	3	\$200	
	Not Plumb, I	Extent : Lig	ht, Area Affectea	: 25%				
	Location:	Within Par	king Lot Area					
Fencing	20%	Now	\$6,200	2032	* *	3		
_	Displaced Elements, Extent : Moderate, Area Affected : 100%							
	Location:	Inshore Of	Sinkholes At Gra	ıvity Wal	l And East End Of	Timber	Bulkhead	
No Component	10%							

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : FRESH KILLS, PLANT #1 STEEL BULKHEAD BET. PAD #1 & PAD #2
Address : FRESH KILLS, STATEN ISLAND SOUTH SHORE W. OF EXP WAY TO PT

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS000B.SI0 / 1804 Yr Built/Renovated : 1948 /

Linear Ft : 1,000 Project Type : SANITATION

Date of Survey : 18-Mar-2013 Landmark Status : NONE

Areas Surveyed :

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$701,700	\$35,300
Total	\$701,700	\$35,300
Importance Code B	\$516,400	\$35,300
Importance Code C	\$185,300	
Total	\$701,700	\$35,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$11,600	\$600		\$5,900
Total	\$11,600	\$600		\$5,900
Importance Code B	\$11,600	\$600		\$5,900
Total	\$11,600	\$600		\$5,900



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, PLANT #1 STEEL BULKHEAD BET. PAD #1 & PAD #2

Asset #: 1804

Bulkheads	Current Repair	Future Replacement	IV	laintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
tructural					
Coping/Curb Steel	30% 4+ \$42,8 Corrosion, Extent : Moderate, Area Location : Throughout		:		
Steel Steel	15% 50% Now \$142,6 Other Observation, Extent: Severe Location: Western Half Explanation: Broken And Displa	, Area Affected : 100%			
No Component	5%				
Sheet Piles Steel	5% Corrosion, Extent : Light, Area Aff Location : Throughout	LIFE * * *	•		
Not Accessible	95%				
Backfill Fill Topsoil	10% Now \$6,3 Other Observation, Extent : Severe Location : 250 Feet From East Ai Explanation : Sinkhole	, Area Affected : 100%			
Not Accessible	90%				
Surface	7070				
Asphalt	20% Cracking, Extent : Light, Area Affe Location : Throughout	2027 \$17,600 cted: 5%) 5	\$2,300	
Concrete	10% Cracking, Extent : Light, Area Affe Location : Throughout	2027 \$35,300 cted : 5%) 5	\$1,100	
Gravel Topsoil	5% 10% Now \$5,3 Settlement, Extent: Severe, Area A, Location: At Face			\$200 \$200	
Topsoil	55%	2022 \$29,000) 5	\$2,600	
ender Facing Timber	10% 4+ \$114,8 Rotting/Splitting, Extent: Moderate Location: Throughout	300 2039 **		\$3,900	
Timber	35% Now \$401,6 Broken, Extent : Severe, Area Affect Location : Throughout But Prima	cted : 100%	3	\$13,800	
No Component Not Accessible	5% 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.

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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, PLANT #1 STEEL BULKHEAD BET. PAD #1 & PAD #2

Bulkheads	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender							
Piles							
Timber	5%		2027	\$9,200	4	\$1,800	
No Component	5%						
Not Accessible	90%						

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : FRESH KILLS, PLANT #2 MOORING DK STEEL SHEET PILE BULKHEAD
Address : FRESH KILLS, STATEN ISLAND NORTH SHORE E. OF EXPRESSWAY

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS000B.SI3 / 4155 Yr Built/Renovated : 1948 /

Linear Ft : 549 Project Type : SANITATION

Date of Survey : 21-Mar-2013 Landmark Status : NONE

Areas Surveyed :

Block : 2685 Lot : 1 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$1,142,600	\$116,200
Total	\$1,142,600	\$116,200
Importance Code A	\$639,000	
Importance Code B	\$441,000	\$116,200
Importance Code C	\$62,600	
Total	\$1,142,600	\$116,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$27,400			\$5,000
Total	\$27,400			\$5,000
Importance Code B	\$27,400			\$5,000
Total	\$27,400			\$5,000



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, PLANT #2 MOORING DK STEEL SHEET PILE BULKHEAD

Asset #: 4155

Bulkheads	Curre	ent Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Yea	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural							
Coping/Curb							
Steel	20% 4+	\$31,300	LIFE	**			
		t : Moderate, Area Affe	ected : 20	%			
	Location : Thro	ughout					
Steel	60%		LIFE	* *			
Steel	20% Nov	1 - 7	LIFE	**			
		n, Extent : Severe, Are	a Affected	d : 100%			
	Location : West						
Sheet Piles	Explanation : L	Displaced Due To Impa	ct				
Sheet Piles Steel	20% 4+	\$639,000	LIFE	* *			
Steel		3039,000 1, Extent : Severe, Area					
	Location : East		ипурестей	. 10070			
Not Accessible	80%						
Backfill	8070						
Fill							
Topsoil	20% Nov	\$23,100	2064	* *			
ropson		n, Extent : Severe, Are		d: 100%			
	Location : East		55				
	Explanation : S	inkhole With Loss Of F	Fill Behine	d Sheeting, 8 Feet	Deep		
Not Accessible	80%	<u> </u>		<u>-</u>			
Surface							
Concrete	40%		2027	\$77,500	5	\$2,500	
Concrete	20%		2027	\$38,700	5	\$1,300	
Topsoil	15% Nov	. , ,	2024	\$4,300	5	\$200	
	Other Observatio	n, Extent : Severe, Are	ea Affected	d: 100%			
	Location: East	ern 115 Feet					
	Explanation : S	inkhole, 8 Feet Deep, 1	Behind Sh	eeting			
Topsoil	25%		2022	\$7,200	5	\$600	
Fender							
Facing	.			_			
Timber	20% Nov	' '	2039	* *	3	\$4,300	
		Severe, Area Affected :					
		ern 50 Feet And Throi					
Timber	50% 4+	\$315,000	2039	* *	3	\$10,800	
		Extent: Moderate, Ar	ea Affecte	ed : 50%			
	Location : Thro	ughout					
No Component	5%						
Not Accessible	25%						
Wales and Chocks							
Not Accessible	100%						

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

 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a 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: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD Address : E 93 RD ST TO NO END MARINE XFER STATION SUB 2 OF AT, SUB 1 OF BL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOS0062.000 / 13850 Yr Built/Renovated :

Linear Ft : 438 Project Type : SANITATION

Date of Survey : 04-Mar-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1587 Lot : 27 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$640,300	
Total	\$640,300	
Importance Code A	\$230,800	
Importance Code B	\$409,500	
Total	\$640,300	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$34,200	\$1,300	\$16,900	
Total	\$34,200	\$1,300	\$16,900	
Importance Code A	\$26,000			
Importance Code B	\$8,200	\$1,300	\$16,900	
Total	\$34,200	\$1,300	\$16,900	



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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

DEPARTMENT OF SANITATION - 827 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	Current Repair	Future Replacement	Maintena	nce
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated Cost FY	Cycle Estim (Yrs)	ated Cost Priority
Structural				
Relieving Platform Top				
Concrete/Stone	80% 4+ \$142,00			
	Cracking, Extent: Light, Area Affect			
	Location: Outboard Face Above			
	Erosion, Extent: Moderate, Area Aj		11	
	Location: At Bottom Of Stone Fac		ll	
	Missing Block Seal, Extent: Modera Location: Between Stone Facing			
	_			
	Other Observation, Extent : Light, A Location : Outboard Face Above A			
	Explanation : Surface Scale/spall	vinv		
Concrete/Stone	10% 4+ \$88,80	00 LIFE **		
Concrete/Stone	Broken, Extent : Severe, Area Affect			
	Location : Stone Panels At Dep Of (From North)		+50, 3+00, And 3	+40
Not Accessible	10%			
Piles and Bracing				
Not Accessible	100%			
Pile Caps				
Timber	5% 2-4 \$26,00 Rotting/Splitting, Extent: Moderate Location: At Outboard End		4	\$200
Not Accessible	95%			
Backfill	7570			
Fill				
Not Accessible	100%			
Surface				
Asphalt Pavers	30%	2034 **	5	\$1,500
	Settlement, Extent : Light, Area Affe			
	Location: Offset 3 Feet From Out	tboard Face Sta 0+00 To 1+00	(From North)	
Topsoil	70%	2020 \$16,100	5	\$1,400
Fender				
Facing				
Timber	10%	2034 **	3	\$1,700
No Component	90%			
Deck Elements				
Railing	1000/ 4: 00.00	00 2020 0400 500		
Steel	100% 4+ \$8,20			
	Other Observation, Extent: Light, A	Area Affectea : 5%		
	Location: Isolated Throughout			
	Explanation: Coating Loss			

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

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : NORTH SHORE MARINE TRANSFER STA. REVETMENT

Address : 31 AVE. & FLUSHING BAY GRAVITY WALL SO. TO ACCESS RAMP

Borough : QUEENS Agency's Number : N/A

Linear Ft : 530 Project Type : SANITATION

Date of Survey : 28-Oct-2004 Landmark Status : NONE

Areas Surveyed :

Block : 4377 Lot : 1 BIN :

CAPITAL

Total

Importance Code

Total

EXPENSE

Total

Importance Code

Total



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

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

DEPARTMENT OF SANITATION - 827 NORTH SHORE MARINE TRANSFER STA. REVETMENT

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Relieving Platform Top								
Under Construction	100%							
Coping/Curb								
Under Construction	100%							
Gravity Wall								
Under Construction	100%							
Pile Supported Wall								
Under Construction	100%							
Piles and Bracing								
Under Construction	100%							
Revetment								
Under Construction	100%							
Sheet Piles								
Under Construction	100%							
Wales								
Under Construction	100%							
Backfill								
Fill								
Under Construction	100%							
Surface								
Under Construction	100%							
Fender								
Buffer								
Under Construction	100%							
Facing								
Under Construction	100%							
Piles								
Under Construction	100%							
Wales and Chocks								
Under Construction	100%							

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : REVETMENT - RIPRAP BULKHEAD

Address : W 215TH ST TO W 219TH ST ALONG HARLEM RIVER

 $Borough \hspace{1cm} : \hspace{1cm} MANHATTAN \hspace{1cm} Agency's \hspace{1cm} Number \hspace{1cm} : \hspace{1cm} N/A \\$

Program / Asset # : DOS0061.000 / 13795 Yr Built/Renovated :

Linear Ft : 280 Project Type : SANITATION

Date of Survey : 20-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2196 Lot : 1 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$86,400	
Total	\$86,400	
Importance Code C	\$86,400	
Total	\$86,400	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$13,300	\$200		
Total	\$13,300	\$200		
Importance Code B Importance Code C	\$13,300	\$200		
Total	\$13,300	\$200		



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

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

DEPARTMENT OF SANITATION - 827 REVETMENT - RIPRAP BULKHEAD

Bulkheads	Current R	epair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural							
Revetment							
Concrete	25% Now	\$46,100	LIFE	* *			
	Other Observation, Ex	xtent : Severe, Area	a Affected	! : 100%			
	Location: Northern	Section Of Asset					
	Explanation : Inadea	quate Placement/ I	Protection	ι			
Stone	20% 4+	\$40,200	LIFE	* *	5	\$300	
	Other Observation, Ex	ctent : Moderate, A	rea Affec	rted : 100%			
	Location : Southern	50 Feet Of Asset					
	Explanation : Inadea	quate Placement/ I	Protection	ı			
Stone	55%		LIFE	* *	5	\$900	
Backfill							
Fill							
Topsoil	30% Now	\$10,600	2064	* *			
	Erosion, Extent : Seve	re, Area Affected :	75%				
	Location: Southern	80 Feet Of Asset A	bove Rev	etment			
Not Accessible	70%						
Surface							
Sand	70%		2039	* *	2-5	\$600	
Topsoil	30% Now	\$2,700	2024	\$4,400	5	\$200	
•	Erosion, Extent : Seve	re, Area Affected :	75%	•			
	Location : Southern	80 Feet Of Asset					

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : REVETMENT & BULKHEAD GOWANUS BAY

Address : 19TH STREET TO 21ST STREET SOUTH OF HOME DEPOT

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DOS000B,BN4 / 1824 Yr Built/Renovated :

Linear Ft : 750 Project Type : SANITATION

Date of Survey : 05-Oct-2015 Landmark Status : NONE

Areas Surveyed :

Block : 625 Lot : 65 BIN :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$34,400			\$3,400
Total	\$34,400			\$3,400
Importance Code B	\$22,200			\$3,400
Importance Code C	\$12,100			
Total	\$34,400			\$3,400



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

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

DEPARTMENT OF SANITATION - 827 REVETMENT & BULKHEAD GOWANUS BAY

Bulkheads	Current Rep	oair	Future Replaceme		ment Maintenance			
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Structural								
Revetment								
Stone	30%		LIFE	* *	5	\$2,700		
Stone	10% 4+	\$10,800	LIFE	* *	5	\$400		
	Settlement, Extent : Ligh		: 10%					
	Location: At Top Of S	Slope						
No Component	60%							
Sheet Piles								
Steel	20%		LIFE	* *	10			
	Corrosion, Extent : Mod	lerate, Area Affec	ted : 20	%				
	Location : In Splash Z	one, 140 Feet To	510 Fee	t From North End	!			
No Component	40%							
Not Accessible	40%							
Backfill								
Fill								
Gravel	10% Now	\$6,400	2042	* *	5	\$100		
	Other Observation, Exte	ent : Moderate, A	rea Affe	cted : 50%				
	Location : Above Reve	etment At Norther	n 140 F	eet Of Asset				
	Explanation : Fill Los	s						
Not Accessible	90%							
Surface								
Concrete	80%		2036	* *	5	\$6,800		
	Cracking, Extent : Light	t, Area Affected :	2%			. ,		
	Location : Isolated Th	roughout						
Concrete	20% 4+	\$15,900	2042	* *	5	\$900		
Concrete	Cracking, Extent: Light				3	Ψ/00		
	Location : Transverse			NCA . A. 10.1 G				

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : REVETMENT AT DOS GARAGE

Address : NEWTOWN CREEK 47-01 48TH STREET

Borough : QUEENS Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOS0064.000 \, / \, 14019 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Linear Ft : 418 Project Type : SANITATION

Date of Survey : 15-Oct-2015 Landmark Status : NONE

Areas Surveyed :

Block : 2600 Lot : 1 BIN :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$2,900		\$1,000	
Total	\$2,900		\$1,000	
Importance Code B			\$1,000	
Importance Code C	\$2,900			
Total	\$2,900		\$1,000	



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

DEPARTMENT OF SANITATION - 827 REVETMENT AT DOS GARAGE

Bulkheads	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural						
Coping/Curb						
Concrete	100%	LIFE	* *	5-10	\$800	
	Cracking, Extent: Light, Area	a Affected : 2%				
	Location : Isolated					
Revetment						
Stone	100%	LIFE	* *	5	\$5,000	
	Other Observation, Extent : I	ight, Area Affected	: 1%			
	Location: 155 Feet From 5	8th Road				
	Explanation: State Pollutar	nt Discharge Elimin	ation System Perm	it Outfal	l	
Backfill						
Fill						
Not Accessible	100%					
Surface						
Topsoil	100%	2025	\$22,000	5	\$2,000	

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : S.W. BROOKLYN DOS FACILITY CONCRETE WHARF

Address : BAY 41ST. ST. & GRAVESEND BAY

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOS000B.BN3 / 1823 Yr Built/Renovated :

Linear Ft : 700 Project Type : SANITATION

Date of Survey : 19-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 6943 Lot : 30 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$482,000	\$261,800
Total	\$482,000	\$261,800
Importance Code B	\$482,000	\$261,800
Total	\$482,000	\$261,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$43,300			\$5,500
Total	\$43,300			\$5,500
Importance Code B Importance Code C	\$43,300			\$5,500
Total	\$43,300			\$5,500



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

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

DEPARTMENT OF SANITATION - 827 S.W. BROOKLYN DOS FACILITY CONCRETE WHARF

Asset #: 1823

Bulkheads	Current Repair	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Structural							
Coping/Curb	6007	T TEE	ماد ماد	_	# 400		
Concrete	60%	LIFE	* *	5	\$400		
	Cracking, Extent : Light, Area Affected Location : Throughout	1:3%					
No Component	40%						
Sheet Piles							
Steel	25%	LIFE	* *				
	Corrosion, Extent : Moderate, Area Afj	fected : 30%					
	Location : Above Mlw Elevation Alor	ng East And W	est Ends Of A.	sset			
Not Accessible	75%						
Backfill							
Surface							
Concrete	80%	2032	* *	5	\$6,400		
	Cracking, Extent : Light, Area Affected	l : 10%			. ,		
	Location : Throughout						
Not Accessible	20%						
Fender	2070						
Facing							
Timber	15% Now \$120,500	2038	* *	3	\$4,100		
	Broken, Extent : Severe, Area Affected	: 50%			+ 1,- 0 0		
	Location: Throughout Station 1+00		East End				
	Missing Part, Extent : Severe, Area Aff						
	Location: Throughout Station 0+35		East End				
Timber	45% 2-4 \$361,500	2038	* *	3	\$12,400		
Timber	Rotting/Splitting, Extent: Moderate, A.			3	\$12,400		
	Location: In Tidal Zone Throughout			n Fast Fn	d		
	Other Observation, Extent: Moderate,			i Busi Bii			
	Location: Throughout Station 1+00						
	Explanation : Excess Deflections	10 7 7 7 0 1 7 0	2001 2.10				
No Component	40%						
No Component	4070						
Piles Timber	10% 2-4 \$12,900	2038	* *	1	\$1,700		
Timber	Broken, Extent : Moderate, Area Affect			4	\$1,700		
	Location: Isolated Throughout Static		40 From Fasi	t Fnd			
N. C.		11001041	40 I Tom Lust	Lnu			
No Component	40%						
Not Accessible	50%						
Wales and Chocks	100/ 37	2020			44.000		
Timber	10% Now \$30,400	2038	* *	4	\$3,800		
	Broken, Extent: Moderate, Area Affect		F . F !				
	Location: Throughout Station 1+00	10 4+40 From	e East End				
No Component	40%						
Not Accessible	50%						
Deck Elements							

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

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

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

DEPARTMENT OF SANITATION - 827 S.W. BROOKLYN DOS FACILITY CONCRETE WHARF

Asset #: 1823

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

Deck Elements Railing

Steel 40% 2022 \$261,800

Other Observation, Extent: Light, Area Affected: 10%

Location: At East And West Ends Of Asset

Explanation: Corrosion

No Component 60%

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : SOUTH BRONX DOS FACILITY STEEL SHEET PILE BULKHEAD

Address : HUNTS POINT AVE. & E. RIVER

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOS000B.BX1 / 1825 Yr Built/Renovated :

Linear Ft : 682 Project Type : SANITATION

Date of Survey : 04-Feb-2016 Landmark Status : NONE

Areas Surveyed :

Block : 2781 Lot : 301 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$1,415,900	
Total	\$1,415,900	
Importance Code A	\$1,270,000	
Importance Code B	\$145,900	
Total	\$1,415,900	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$119,800	_	\$200	\$2,600
Total	\$119,800		\$200	\$2,600
Importance Code A	\$19,600			
Importance Code B	\$70,200		\$200	\$2,600
Importance Code C	\$30,000			
Total	\$119,800		\$200	\$2,600



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

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

DEPARTMENT OF SANITATION - 827 SOUTH BRONX DOS FACILITY STEEL SHEET PILE BULKHEAD

Bulkheads	Current Repair	Future Replacement	IV	laintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	St Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Structural					
Coping/Curb					
Concrete	10% Now \$11,40		5	\$100	
	Broken, Extent : Severe, Area Affecte Location : Throughout	a: 30%			
	Missing Part, Extent: Severe, Area A	Affected : 50%			
	Location: Throughout	3,7			
Concrete	40% 2-4 \$18,30	0 LIFE **	5	\$300	
	Corrosion of Reinforcement, Extent:		0%	·	
	Location: Throughout				
	Exposed Reinforcement, Extent: Mod	derate, Area Affected : 50%			
	Location : Throughout				
Concrete	40%	LIFE **	5-10	\$500	
No Component	10%				
Piles and Bracing Timber	50/ Now \$10.60	0 2042 **	. 4	¢5 100	
Timber	5% Now \$19,60 Broken, Extent : Severe, Area Affecte	0 2042	4	\$5,100	
	Location: Below Concrete Cap	u . 2070			
	Rotting/Splitting, Extent: Severe, Arc	ea Affected : 20%			
	Location: Below Concrete Cap				
Not Accessible	95%				
Sheet Piles					
Steel	20% Now \$793,80				
	Broken, Extent : Severe, Area Affecte	d : 20%			
	Location: Splash Zone And Below				
	Corrosion, Extent : Severe, Area Affe Location : Throughout	естеа : 100%			
Steel	40% 2-4 \$476,30	0 LIFE **	:		
Steel	Corrosion, Extent : Moderate, Area A				
	Location : Splash Zone	255 0000			
Not Accessible	40%				
Backfill					
Fill					
Sand	35% Now \$15,80		5	\$200	
	Loss of Backfill, Extent : Severe, Area	a Affected : 50%			
	Location: Throughout	. 1 1000/			
	Settlement, Extent : Severe, Area Affe Location : Entire Length	ected : 100%			
Not Accessible	65%				
Not Accessible	UJ70				

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

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

DEPARTMENT OF SANITATION - 827 SOUTH BRONX DOS FACILITY STEEL SHEET PILE BULKHEAD

Bulkheads	Current Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Backfill							
Surface							
Stone	30%	2040	* *	10			
Stone	5% Now \$34,700		* *				
	Sinkhole, Extent : Severe, Area Affect	ed : 10%					
	Location: Isolated Locations Behind	d Sheeting					
Topsoil	55% Now \$19,700	2027	\$19,700	5	\$900		
•	Erosion, Extent : Severe, Area Affecte	d: 100%					
	Location: Entire Length						
	Settlement, Extent : Severe, Area Affec	cted: 50%					
	Location : Throughout						
	Other Observation, Extent : Severe, A	rea Affecte	d : 50%				
	Location: Throughout						
	Explanation : Sinkholes						
Topsoil	10%	2025	\$3,600	5	\$300		
Fender							
Wales and Chocks							
Steel	50% Now \$71,800	2042	* *	3-5	\$12,800		
	Broken, Extent : Severe, Area Affected : 100%						
	Location: Throughout						
	Corrosion, Extent : Severe, Area Affec	ted : 100%	ó				
	Location: Throughout						
Timber	50% Now \$74,100	2042	* *	4	\$18,500		
	Missing Part, Extent: Severe, Area A		%		. ,		
	Location: Throughout						
	Rotting/Splitting, Extent: Moderate, A	Area Affecte	ed : 100%				
	Location: Throughout	33					

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : STEEL SHEET PILE BULKHEAD GREEN POINT MARINE TRANSFER STA.

Address : NEWTOWN CREEK WEST FROM N HENRY STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOS000B.BN2 / 1822 Yr Built/Renovated :

rrogram/Asset# : DOSUUUB.BN2/1822 11 Bum/Renovateu :

Linear Ft : 450 Project Type : SANITATION

Date of Survey : 08-Oct-2015 Landmark Status : NONE

Areas Surveyed :

Block : 2525 Lot : 1 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$36,100	\$420,700
Total	\$36,100	\$420,700
Importance Code B	\$36,100	\$420,700
Total	\$36,100	\$420,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$8,000		\$6,700	\$5,000
Total	\$8,000		\$6,700	\$5,000
Importance Code B	\$8,000		\$6,700	\$5,000
Total	\$8,000		\$6,700	\$5,000



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

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

DEPARTMENT OF SANITATION - 827 STEEL SHEET PILE BULKHEAD GREEN POINT MARINE TRANSFER STA.

Asset #: 1822

Bulkheads	Ikheads Current Repair Future Replac		Future Replacement Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	Stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural						
Sheet Piles	20/	LIPE	ታ ታ	10		
Steel	2% Corrosion, Extent: Light, Area Affected Location: Throughout Top Of Wall	LIFE d : 50%	* *	10		
Not Accessible	98%					
Backfill Fill	1000/					
Not Accessible	100%					
Surface	80%	2036	* *	5	\$4,100	
Asphalt	Cracking, Extent : Light, Area Affected Location : Isolated Throughout Settlement, Extent : Light, Area Affecte Location : Isolated Throughout	l : 5%		3	φ4,100	
Not Accessible	20%					
Fender	2070					
Buffer						
Rubber	10%	2040	* *	4-5	\$1,200	
No Component	90%					
Facing						
Timber	43%	2036	* *	3	\$10,100	
Timber	7% 2-4 \$36,100 Rotting/Splitting, Extent : Moderate, A Location : Eastern 30 Feet Of Asset	2042 rea Affected	**	3	\$1,200	
No Component	50%					
Wales and Chocks Timber	50% Rotting/Splitting, Extent : Light, Area A Location : Isolated On Upper Wale	2036 Affected : 209	**	4	\$12,200	
No Component Not Accessible	30% 20%					
Deck Elements						
Railing						
Steel	95% Corrosion, Extent : Light, Area Affected Location : Throughout Missing Coating, Extent : Moderate, A		\$399,700 : 85%			
	Location: Throughout					
Steel	5% Now \$4,200 Other Observation, Extent: Severe, Arc Location: At East And West Ends Of Explanation: Impact Damage		\$21,000 - 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.

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

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

DEPARTMENT OF SANITATION - 827 STEEL SHEET PILE BULKHEAD GREEN POINT MARINE TRANSFER STA.

Bulkheads	Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements Parapet						
Concrete	98% Cracking, Extent : Light, Area Affected Location : Isolated Throughout	2028 : 15%	**			
Concrete	2% 4+ \$1,300 Spalling, Extent : Moderate, Area Affec Location : At Isolated Railing Connec			d		

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

Print Date: 16-Sep-2016 **DEPARTMENT OF SANITATION - FY 2017**

Asset Name : STONE REVETMENT AT NEW FULTON FISH MARKET

Address : HUNTS POINT AVE. & EAST RIVER BTW SOUTH BRONX DOS & DOC BARGE

Borough : BRONX Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOS000B.BX2 \, / \, 1826 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Linear Ft : 740 Project Type : SANITATION

Date of Survey : 04-Feb-2016 Landmark Status : NONE

Areas Surveyed :

Block : 2781 Lot : 306 BIN :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$22,400		\$200	\$3,800
Total	\$22,400		\$200	\$3,800
Importance Code B			\$200	\$3,800
Importance Code C	\$22,400			
Total	\$22,400		\$200	\$3,800



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

DEPARTMENT OF SANITATION - 827 STONE REVETMENT AT NEW FULTON FISH MARKET

Bulkheads	Current Repa	ir Futu	re Replacement	lacement Maintenance			
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Structural							
Coping/Curb							
Concrete	7% Now	\$17,400 LIFE	* *	5			
	Broken, Extent : Severe, A	rea Affected : 100%					
	Location : Vehicle Impa	ct Damage At Isolated	Locations				
Concrete	93%	LIFE	* *	5-10	\$1,300		
Revetment							
Stone	100%	LIFE	* *	5	\$8,900		
	Other Observation, Extent	: Light, Area Affectea	! : 100%				
	Location : Throughout						
	Explanation: New Cons	truction					
Backfill							
Fill							
Not Accessible	100%						
Surface							
Asphalt	90%	2036	* *	5	\$7,600		
Topsoil	10%	2025	\$3,900	5	\$300		

DEPARTMENT OF SANITATION - 827

Project: SANITATION

CAPITAL	F	Y 2018 - 2021		FY 2022 - 2027
Miscellaneous Buildings		321,300		63,100
EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Miscellaneous Buildings	39,300	11,500	10,100	10,800

ASSET#	NAME	SQFT	CAPITAL	EXPENSE
1848	FRESH KILLS I MAINTENANCE	2,016	89,400	5,400
1849	FRESH KILLS I STORAGE	900	25,700	8,100
1850	FRESH KILLS I OFFICE 2	168	0	6,300
1851	FRESH KILLS I GUARD HOUSE	128	0	4,800
1852	FRESH KILLS I OFFICE 3	600	17,200	5,400
1853	FRESH KILLS II PUMP HOUSE	980	43,400	2,600
1854	FRESH KILLS II GENERATOR HOUSE	400	0	15,000
1855	FRESH KILLS II SCALE HOUSE	780	22,300	7,000
1856	FRESH KILLS II WALKWAY	3,690	163,600	9,900
2780	FRESH KILLS I OFFICE 1	800	22,900	7,200

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

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