Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BRONX 6 SANITATION 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 : 11-Mar-2009 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2953 Lot : 21 BIN : 2097278

CAPITAL	FY 2014 - 2017	FY 2018 - 2023		
Exterior Architecture	\$798,400	\$86,000		
Interior Architecture	\$161,600	\$226,000		
Mechanical	\$299,600	\$54,300		
Total	\$1,259,700	\$366,300		
Priority A	\$798,400	\$86,000		
Priority B	\$344,500	\$54,300		
Priority C	\$116,700	\$226,000		
Total	\$1,259,700	\$366,300		

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$42,100			
Interior Architecture	\$51,100			\$1,100
Electrical	\$900	\$1,000		
Mechanical	\$11,900	\$5,600	\$11,300	\$5,600
Total	\$106,000	\$6,600	\$11,300	\$6,700
Priority A	\$42,100			
Priority B	\$12,800	\$6,600	\$11,300	\$5,600
Priority C	\$51,100			\$1,100
Total	\$106,000	\$6,600	\$11,300	\$6,700



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

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

Architecture	Current Repair Future Replacement				M		
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior							
Exterior Walls Masonry: Brick	80% Now Cracking/Crumbling, Location: Through	out		-	5	\$86,000	A
	Expansion Int Failur Location: Through		te, Area	Affected : 5%			
Metal Sect. OHD	20% Now Other Observation, E Location: West Fa Explanation: Brok	cade		* * ected : 50%	5	\$33,600	A
Windows							
Aluminum	95% Now Air Infiltration, Exter Location: Through Broken/Missing Elen Location: Through Glazing Broken/Crac Location: East Fac	out vents, Extent : Mod out ked, Extent : Mode	erate, Ar	ea Affected : 40%	5	\$6,900	A
Glass Block	5% Now Cracking/Crumbling, Location: Through		LIFE e, Area A	* * ffected : 10%	5	\$500	A
Parapets							
Concrete Masonry Unit	20% Now Jnt Mortar Miss/Erod Location : Interior Vertical Cracks, Exte Location : Interior	Face Of High Wall ent : Moderate, Are	ls & Thro a Affecte	oughout ed : 70%	5	\$1,300	A
Masonry: Brick	60% Now Cracking/Crumbling, Location: Through Jnt Mortar Miss/Eroc Location: Through	out d, Extent : Moderai		-	5	\$3,400	A
Metal Rail	15% Now Corrosion/Rusting, E Location: Through Deteriorated Finish, Location: Through	\$5,400 Extent : Moderate, A out Extent : Moderate,			5	\$6,100	A
Pre-Cast Concrete	5% Now Cracking/Crumbling, Location: Through Jnt Mortar Miss/Erod Location: Coping	out		-	5	\$1,800	A

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^{**} 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 Fail Date Estimated Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior Roof						
Modified Bitumen	95% Now Punct/Tear/Impact Damage, Location: Throughout Water Penetration, Extent: I Location: Throughout			%		A
Skylight, Metal/Glass	5% Now Miss/Damaged Flashings, Ex Location: Throughout Water Penetration, Extent: I Location: Throughout					A
nterior						
Floors Cast in Place Concrete	70% 0-2 Cracking/Crumbling, Extent Location: Throughout	\$47,800 LIFE : Light, Area Affecte	* * ed : 10%	5	\$140,600	С
Ceramic Tile	5% Now Cracking/Crumbling, Extent Location: Throughout	\$5,000 2029 : Light, Area Affecte	* * ed : 5%	5	\$2,300	С
Quarry Tile	15% Now Cracking/Crumbling, Extent Location: Throughout	\$4,300 2033 : Light, Area Affecte	* * ed : 5%	5	\$10,300	С
Vinyl Tile	10% Now Punct/Tear/Impact Damage, Location: Throughout Offi		\$85,400 Area Affected : 509	3	\$3,400	С
Interior Walls						
Concrete Masonry Unit	50% Now Cracking/Crumbling, Extent Location: Throughout	\$68,900 LIFE : Light, Area Affecte	* * ed : 10%	5	\$7,500	С
Glass Block	5% Now Punct/Tear/Impact Damage, Location : Throughout	\$4,000 LIFE Extent : Light, Area	* * Affected : 5%			С
Glass: Single Pane SGFT/Glazed Masonry	5% 40% Now Cracking/Crumbling, Extent Location: Throughout	LIFE \$33,600 LIFE : Light, Area Affecte	* * * * ed : 5%	5	\$1,400	C C
Ceilings	Location : Throughout					
AcousTileSusp.Lay-In	25% Now Broken/Missing Elements, Ex Location: Second Floor & Staining/Discoloring, Extent Location: Second Floor &	Throughout: Moderate, Area Aj		5	\$11,500	В
Exposed Struc: Steel	75% Paint Peeling, Extent : Mode Location : Garage Area	LIFE erate, Area Affected .	**			В

Maintenance \$ are aggregated over a ten-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	Replacement	Maintenance		
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Switchgear / Switchboard						
Fused Disc Sw	100%	2030	* *	5	\$300	В
	Other Observation, Extent :		ted : 100%			
	Location : Electrical Room					
	Explanation: Two - 1600 A	Amp Main Fused Disco	onnect Switch In	The Swit	chboard	
Raceway						
Conduit	100%	2030	* *	1		В
Panelboards						
Fused Disc Sw	10%	2028	* *	5	\$200	В
Molded Case Bkrs	90%	2028	* *	5	\$1,600	В
Wiring						
Thermoplastic	100%	2030	* *	1		В
Motor Controllers						
Locally Mounted	10%	2025	* *	5		В
Motor Control Center	90%	2025	* *	5	\$1,700	В
Ground						
Grounding Devices						
Generic	100% 0-2	\$900 LIFE	* *	5	\$1,000	В
	Other Observation, Extent :	Moderate, Area Affect	ted : 100%			
	Location: 1st Floor					
	Explanation : Corroded					
Lighting						
Interior Lighting						
Fluorescent	45%	2028	* *	10	\$25,300	В
	Other Observation, Extent :	Moderate, Area Affect	ted : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
HID	55%	2028	* *	10	\$1,100	В
Egress Lighting						
Exit, Service	100%	2028	* *	1		В

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 Code
Heating								
Energy Source								
Natural Gas	90%			2040	* *	1		В
Interruptible Gas/Dual	10%			2040	* *	1		В
Fuel								
	Other Obs	ervation, E	xtent : Severe, Are	a Affecte	d : 100%			
	Location	: Belowgro	ound					
	Explana	tion : Numb	per 2 Oil					
Conversion Equipment								
Hot Water Boiler	100%	Now	\$3,100	2025	* *	1	\$27,400	В
	Damaged,	maged, Extent : Light, Area Affected : 5%						
	Location	: Total 4 U	Inits, In 2 Boiler R	ooms, Ea	ach Boiler Room H	as 2 Uni	ts	

Maintenance \$ are aggregated over a ten-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 Repair Fu			Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Distribution Hot Wtr Piping/Pump	100% Now	\$6,900	2028	* *	4	\$3,000	В
Hot wir Fiping/Fump	Corroded, Extent : L				4	\$3,000	Б
	Location : Boiler R		. 570				
	Leak Evident, Extent		ted : 2%				
	Location : Vacuum			er Rooms			
Terminal Devices							
Air Handler	30% 0-2	\$110,500	2030	* *	1	\$10,300	В
	Malfunctioning, Exte Location : Roof	nt : Severe, Area A	ffected : 1	100%			
	Other Observation, E	Extent : Severe, Are	a Affected	l : 100%			
	Location: Roof						
	Explanation : Most	Roof Air Handlers			ent		
Convector/Radiator	40%		2033	* *	1	\$7,900	В
Fan Coil Unit/Heat	30%		2025	* *	1	\$6,000	В
	Other Observation, E		a Affectea	l : 100%			
	Location: Garage	_					
Air Conditioning	Explanation: Total	: 41					
Energy Source							
Electricity	100%		2036	* *	1		В
Conversion Equipment							
Ext Pkg Unit - Cooling	60% 0-2	\$189,100	2030	* *	2	\$1,800	В
	Malfunctioning, Exte	-					
	Location : Roof, Al	l Cooling Ext Pkg U	Inits Need	l Repair Or Repla	cement		
No Component	40%						D
Ventilation							
Distribution	1000/		LICE	* *	2.5	ф2.4. 2 00	D
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$34,200	В
Exhaust Fans Roof	100%		2020	\$54,300	2	\$1,900	В
Plumbing	10070		2020	\$34,300		\$1,900	Ъ
H/C Water Piping							
Brass/Copper	10%		2046	* *	1		В
Galv Iron/Steel	90%		2033	* *	1		В
Water Heater							
Gas Fired	100%		2018	\$15,900	2	\$900	В
	Other Observation, E		a Affectea	l : 100%			
	Location : Main Fl						
a i Pi i	Explanation: 2 Un	its					
Sanitary Piping	1000/		T TEE	* *	1		D
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		В
Fixtures	100%		LIFE		1		D
Generic	100%						В
Generic	100/0						ע

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

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BRONX 6 SANITATION 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 : 6,000 Project Type : SANITATION

Date of Survey : 11-Mar-2009 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2953 Lot : 21 BIN : 2097278

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Interior Architecture	\$72,000	
Total	\$72,000	
Priority B	\$72,000	
Total	\$72,000	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$54,200			
Interior Architecture	\$6,700			
Electrical	\$5,500	\$1,900		
Mechanical				
Total	\$66,500	\$1,900		
Priority A	\$54,200			
Priority B	\$5,500	\$1,900		
Priority C	\$6,700			
Total	\$66,500	\$1,900		



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

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

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

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 Code
xterior								
Exterior Walls Cast in Place Concrete	Cracking/	Now Crumbling,	\$8,200 Extent : Moderate	LIFE , Area Ą	* * ffected : 5%	5	\$13,000	A
Concrete Masonry Unit	Location Cracking/o Location Punct/Tea	issing Elem : West Fac Crumbling, : West Fac	Extent : Severe, A.cade cade camage, Extent : Se	rea Affeo	eted : 15%	5	\$900	A
Fiberglass Panel	20% Broken/Mi	Now	\$1,800 nents, Extent : Seven	2029 re, Area	* * Affected : 15%	5	\$2,200	A
Masonry: Brick	Location Jnt Mortan	: Through	d, Extent : Light, Ar			5	\$300	A
Wood	Location Split/Crac	: Arch Abo ked, Extent	\$1,800 Extent: Moderate, ove Entrances : Moderate, Area A ove Entrances			5	\$700	A
Parapets								
Cast Stone/Terra Cotta		Now r Miss/Eroo : Through	\$200 d, Extent : Light, Ar out	LIFE rea Affec	* * ted : 10%	5	\$500	A
Concrete Masonry Unit	Location Jnt Mortan	Crumbling, : Through r Miss/Eroo	\$800 Extent : Moderate out d, Extent : Moderat acade & Throughou	e, Area 1		5	\$300	A
Masonry: Brick	Location Jnt Mortan	: Through	d, Extent : Light, Ar		-	5	\$300	A

Maintenance \$ are aggregated over a 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 SANITATION GARAGE SALT STORAGE BUILDING

Asset #: 3001

Architecture	Current Repair		Future	e Replacement	Maintenance		
System Component Type	% of Fail Date Est Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Roof							
Asphalt Shingle	90% Now Broken/Missing Elements Location: Barrel Roofs Water Penetration, Exten Location: Throughout Worn/Eroded, Extent: M	t : Moderate, A	rea Affec	cted : 10%			A
	Location : Barrel Roofs						
Modified Bitumen	10% Now Drains Inad/Misposn, Ex Location: Flat Section			* * ffected : 20%			A
	Punct/Tear/Impact Dama Location: Throughout Water Penetration, Exten Location: Throughout			30	% 0		
nterior							
Floors							
Cast in Place Concrete	100%		LIFE	* *	5	\$14,400	C
Interior Walls Cast in Place Concrete	50% Now Cracking/Crumbling, Ext Location: Throughout	\$4,300 ent : Moderate,	LIFE Area Af	* * fected : 20%			С
Concrete Masonry Unit	50% Now Cracking/Crumbling, Ext Location : Throughout	\$2,500 ent : Light, Are	LIFE a Affecte	* * ed : 10%	5	\$500	С
Ceilings			_		_		
Exposed Struc: Wood	100% 0-2 Broken/Missing Elements Location: Near Entran Split/Cracked, Extent: Li Location: Near Entran	ce & Througho ght, Area Affec	ut				В

Electrical		Current Repa	ir	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	•							
Raceway								
Conduit	100%			2020	\$2,500	1		В
Panelboards								
Molded Case Bkrs	100%	0-2	\$5,500	2045	* *	5	\$100	В
	Arc/Scorch	/Burn Mrks, E	xtent : Modera	te, Area	Affected : 100%			
	Location	: Outside The I	Building					
Wiring								
Thermoplastic	100%			2020	\$3,900	1		В

Lighting

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

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

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 Code
Lighting							
Interior Lighting HID	100%		2015	\$1,800	10	\$100	В

Mechanical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation						
Exhaust Fans						
Roof	100%	2020	\$3,900	2	\$100	В
Plumbing						
H/C Water Piping						
Galv Iron/Steel	100%	2025	* *	1		В
	Other Observation, Extent : Severe, Are	ea Affecte	d: 100%			
	Location : Along Side Of Shed					
	Explanation: Calcium Cloride Spray	System				

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 07-Apr-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3702 Lot : 1 BIN : 2094842

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$3,019,700	\$121,200
Interior Architecture	\$2,704,400	\$133,000
Electrical	\$249,000	\$202,900
Mechanical	\$94,200	\$1,288,400
Total	\$6,067,400	\$1,745,400
Priority A	\$3,019,700	\$121,200
Priority B	\$1,025,300	\$1,491,300
Priority C	\$2,022,300	\$133,000
Total	\$6,067,400	\$1,745,400

\$29,700 \$151,200	\$13,200	\$21,000	\$73,300 \$1,100
· · · · · · · · · · · · · · · · · · ·	\$13,200	\$21,000	\$73,300
\$29,700			
\$181,000	\$13,200	\$21,000	\$74,400
\$54,600	\$11,800	\$19,300	\$60,600
\$59,100	\$1,400	\$1,700	\$12,700
\$37,500			\$1,100
\$29,700			
FY 2014	FY 2015	FY 2016	FY 2017
	\$29,700 \$37,500 \$59,100 \$54,600	\$29,700 \$37,500 \$59,100 \$54,600 \$11,800	\$29,700 \$37,500 \$59,100 \$1,400 \$1,700 \$54,600 \$11,800 \$19,300



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

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

Architecture	Current Repair	Future Replacement	Ma	aintenance					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code				
Exterior									
Exterior Walls	100/ N	2037 **	_	Ф10.400					
Fiberglass Panel	10% Now \$77,300 Broken/Missing Elements, Extent: Sev	2037	5	\$18,400	A				
	Location: Throughout	Anna Affantad . 1000/							
	Staining/Discoloring, Extent : Severe, A Location : Throughout	Area Аffестеа : 100%							
Masonry: Brick	45% Now \$578,900	LIFE **	5	\$44,100	A				
	Diagonal Cracks, Extent : Moderate, A								
	Location: Bulkheads And Throughout Facades								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
	Location: Bulkheads And Throughou								
	Vertical Cracks, Extent : Moderate, Ar								
	Location: Bulkheads, Building Corn	ers							
Masonry: Brick	25% Now \$321,600	LIFE **	5	\$24,500	A				
	Diagonal Cracks, Extent : Severe, Area Location : Upper Wall	Affected : 25%							
	Horizontal Cracks, Extent : Severe, Area Affected : 20% Location : Upper Wall								
	Jnt Mortar Miss/Erod, Extent : Severe,	Area Affected : 50%							
	Location : Upper Wall								
	Rusting Masonry Supt, Extent : Severe,	Area Affected : 25%							
	Location : Upper Wall								
Metal Coiling Doors	10% Now \$587,000	2042 **	5	\$15,300	A				
Ç	Broken/Missing Elements, Extent: Mod Location: East Facade	derate, Area Affected : 15%							
	Deformed/Dented, Extent: Moderate, A	Area Affected : 20%							
	Location : Throughout								
Stucco Cement	10% Now \$120,600	2027 **	5	\$12,300	A				
Staces Coment	Cracking/Crumbling, Extent: Moderat		J	Ψ12,300	**				
	Location : Throughout	50							

Architecture	Current Repair			Future Replacement		M	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Windows Aluminum	Location Broken/M	ation, Exter n : Through	ents, Extent : Mod			5	\$14,500	A
	Hardware	U	Extent : Moderate, A	Area Affe	ected : 30%			
Metal Louvers			\$10,400 eents, Extent : Mode out	2025 erate, Ar	* * rea Affected : 20%			A
Steel	Location Broken/M Location Thermally	ped Elemen n : Area Un lissing Elem n : Area Un	ents, Extent : Mod der Ramp . Extent : Moderate	erate, Ar	rea Affected : 30%	5	\$10,000	A
Parapets Masonry: Brick	Location Jnt Morta Location Misaligne	Cracks, Ex n: Upper P r Miss/Eroo n: Upper P	l, Extent : Severe, A arapet Extent : Severe, Ar	Area Affe	ected : 75%	5	\$2,800	A
Masonry: Brick	Location Jnt Morta	Cracks, Ex n : Corners	\$100,700 tent : Moderate, Ar d, Extent : Moderat out			5	\$7,700	A
Masonry: Limestone	Location Caulking	r Miss/Eroo n : Coping	\$19,400 d, Extent : Moderat d, Extent : Modera			5	\$700	A

Asset #: 4199

Architecture	Current Repair Fu			e Replacement	M	aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
xterior Roof								
Built-Up (BUR)	30% Now Blisters, Extent: Sev Location: Lower R Vegetation Growth, Location: Lower R Water Penetration, 1	loof Extent : Moderate, , loof	Area Affe				A	
	Location : Garage Worn/Eroded, Exten Location : Lower R	Area t : Moderate, Area						
Roll Roofing	70% Now Seams Open/Split, E Location: Upper R Water Penetration, I Location: Garage Worn/Eroded, Exten Location: Upper R	oof Extent : Moderate, A Area t : Moderate, Area	Area Affe	cted : 10%	5	\$52,500	A	
terior								
Floors Cast in Place Concrete	80% Now Cracking/Crumbling Location: Area Un Punct/Tear/Impact I Location: Through Spalling, Extent: Se Location: Through Uneven Surface, Ext Location: Area Un	nder Ramp And Sho Damage, Extent : Se hout vere, Area Affected hout ent : Moderate, Are	ps Throu vere, Are : 40%	ghout ea Affected : 20%	5	\$133,000	C	
Ceramic Tile	5% Now Broken/Missing Eler Location: Toilets Cracking/Crumbling Location: Through	And Shower Rooms g, Extent : Severe, A			5	\$1,900	С	
Steel Plate	3% 4+ Corrosion/Rusting, I Location: Stairs Worn/Eroded, Exten Location: Stairs				1		С	
Vinyl Tile	12% Now Cracking/Crumbling Location: Lunch I Worn/Eroded, Exten Location: Lunch I	Room t : Moderate, Area	·	-	3	\$3,400	С	

Maintenance \$ are aggregated over a ten-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 Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior							
Interior Walls							
Ceramic Tile	5% Now	\$102,700	2037	* *	5	\$1,800	C
	Cracking/Crumbling,		rea Affec	ted : 40%			
	Location : Through						
Concrete Masonry Unit	50% Now	\$396,000	LIFE	* *	5	\$14,300	C
	Cracking/Crumbling, Location: Through		e, Area Aj	gectea : 40%			
M. D. I			LIEE	* *			
Masonry: Brick	45% Now <i>Cracking/Crumbling</i> ,	\$852,900 Extent: Moderate	LIFE				C
	Location : Electrica			jecieu . 570			
	Diagonal Cracks, Ext	_		ted : 5%			
	Location : South Ea						
Ceilings							
AcousTileSusp.Lay-In	5% Now	\$24,800	2042	* *	5	\$1,900	В
	Staining/Discoloring,	Extent : Moderate	e, Area Aj	ffected : 60%			
	Location : Recreation	on Room					
	Water Penetration, E.		Area Affe	cted : 10%			
	Location : Recreation						
	Worn/Eroded, Extent		Affected .	: 40%			
	Location : Recreation						
Exposed Concrete	30% Now	\$429,000	LIFE	* *	5	\$3,600	В
	Cracking/Crumbling,		e, Area Aj	ffected : 40%			
	Location: Under Ro	=	. 100/				
	Spalling, Extent: Sev. Location: Through	. 55	: 40%				
	Water Penetration, E.		Area Affe	cted · 20%			
	Location : Under Ro		1764 71976	ciea . 2070			
Exposed Concrete	25%		LIFE	* *	5	\$3,000	В
Exposed Struc: Steel	30% 4+	\$253,100	LIFE	* *	3	\$3,000	В
Exposed Struc. Steel	Corrosion/Rusting, E.	,		: 20%			Ъ
	Location : Through	_	55				
Plaster	10% Now	\$12,700	LIFE	* *	5	\$4,700	В
	Cracking/Crumbling,			ffected : 10%		+ 1,1 0 0	_
	Location : Locker R	loom					
	Paint Peeling, Extent	: Moderate, Area	Affected .	: 35%			
	Location : Locker R	loom					

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 Code

Under 600 Volts

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

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

Asset #: 4199

Electrical	Current Repair		Future Replacement		Maintenance			
System Component Type		il Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment		_				_		_
Molded Case Bkrs		2-4	\$5,100	2052	**	5	\$1,000	В
		-	ent : Moderate, Ai	rea Affec	ted: 100%			
	Location : I			A . CC	. 1 1000/			
	Location : 1		tent : Moderate, A	Area Affe	ctea : 100%			
				Data d @	1200 4			
Crystal again / Crystal hagain	Ехріапаної	i : One E	lectrical Service F	katea @ .	1200 Amps			
Switchgear / Switchboard Molded Case Bkrs	70%			2022	\$20,400	5	\$1,300	В
Molded Case Bkrs		2-4	\$8,700	2022	\$20,400 * *	5 5	\$300	В
Worded Case Bkis			98,700 ent : Moderate, Ai			3	\$300	ь
	Location : 1	-		eurijjec	ieu . 10070			
Raceway								
Conduit	100%			2022	\$36,000	1		В
Panelboards								
Fused Disc Sw	5%			2030	* *	5	\$100	В
Molded Case Bkrs	50%			2021	\$13,800	5	\$1,000	В
Molded Case Bkrs	45%	2-4	\$12,400	2047	* *	5	\$400	В
			Extent : Moderate,	, Area A <u>f</u>	fected : 100%			
	Location : 1	st And 2	nd Floors					
Wiring								
Braided Cloth		2-4	\$17,400	2047	**	1		В
	_		it : Moderate, Are	a Affecte	d : 100%			
	Location : T	hrougho	ut					
Thermoplastic	5%			2032	* *	1		В
Thermoplastic	30%			2022	\$8,000	1		В
Motor Controllers	40					_	4.00	_
Locally Mounted	60%		44.000	2020	\$22,400	5	\$300	В
Locally Mounted		2-4	\$13,000	2042	**	5	\$100	В
			ent : Moderate, Ai	rea Affec	ted: 100%			
	Location : I	st Floor						
Locally Mounted	5%			2027	* *	5		В
Ground								
Grounding Devices	1000/	2.4	\$ 000	TIPE	* *	_	ф1 100	D
Generic		2-4	\$900	LIFE		5	\$1,100	В
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Water Main							
Lighting	Explanation	ı. Corroc	<i>і</i> еи					
Interior Lighting								
Fluorescent	65%			2022	\$101,500	10	\$42,900	В
2 Idoloscont		ation, Ex	tent : Moderate, A			10	ψ.2,200	_
			ut The Building	33 -				
	Explanation	_	_					
HID	35%		-	2022	\$15,200	10	\$800	В
	3370			2022	Ψ13,200	10	φοσο	ע

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

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

Asset #: 4199

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 Code
Lighting								
Egress Lighting								
Emergency, Service	50%			2022	\$5,800	1		В
Exit, Service	50%			2017	\$5,800	1		В
Exterior Lighting								
HID	100%			2017	\$4,300	10	\$200	В
Alarm								
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2017	\$249,000	1-3	\$13,700	В

Mechanical	Current	Futur	e Replacement	Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source	1000/		2022	* *	_	Ф22 200	D
Fuel Oil No 2	100% Buried Tank(s), Exte	ut . I iaht Anaa Aff	2032		5	\$22,300	В
	Location : One Tai			0070			
Conversion Equipment	Locuiton . One Tur	ik 0j 15,000 Gaiioi	ıs				
Steam Boiler	100%		2020	\$390,200	1	\$71,400	В
Steam Boner	Other Observation, I	Extent : Light, Area			•	Ψ71,100	Ъ
		or Mechanical Roon					
	Explanation: 2 Un	eits					
Distribution							
Steam Piping/Pump	100% Now	\$56,000	2032	* *	4	\$3,600	В
	Corroded, Extent : N		cted : 10	%			
	Location: Through						
	Leak Evident, Extent Location : Through		Affected :	25%			
Terminal Devices	Locuiton . Through	ioui					
Air Handler	30% Now	\$13,000	2022	\$129,600	1	\$12,000	В
7 III Transier	Unit Inoperable, Ext	. ,			•	Ψ12,000	Ъ
	-	Mounted, 2nd Floo					
Convector/Radiator	10%		2027	* *	1	\$2,300	В
	Leak Evident, Extent	: Moderate, Area A		5%	-	Ψ 2 ,800	-
	Location : Stairwa	y At 1st Floor					
Fan Coil Unit/Heat	60%		2022	\$720,100	1	\$14,000	В
Air Conditioning				•			
Energy Source							
Electricity	100%		2030	* *	1		В
Conversion Equipment							
Window/Wall Unit	5%		2017	\$8,200	1		В
No Component	5%						D
No Component	90%						D

Maintenance \$ are aggregated over a ten-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

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 Code
Air Conditioning								
Distribution								_
Ductwork/Diffusers	5%			LIFE	* *	2	\$4,700	В
No Component	95%							D
Terminal Devices	5 0/			2022	#20.200		φ1 2 00	ъ
Fan Coil - Cooling	5%			2022	\$29,300	1	\$1,200	В
No Component	95%							D
Heat Rejection	50/			2022	¢7.600	2	¢2.500	D
Air Condenser Unit	5%			2022	\$7,600	2	\$2,500	В
No Component	95%							D
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$40,200	В
Exhaust Fans	100%			LIFE		2-3	\$40,200	Б
Roof	60%	Now	\$38,200	2032	* *	2	\$1,100	В
Kool			\$30,200 erate, Area Affecte			2	\$1,100	Ь
	Location		егиге, Агей Аујесте	u . 100/	,			
XX7-11 T.T., */		. Rooj		2022	¢ 40, 500		Φ000	D.
Wall Unit	40%			2022	\$48,500	2	\$900	В
Plumbing H/C Water Pining								
H/C Water Piping	20%			2032	* *	1		D
Brass/Copper Galv Iron/Steel	80%	Now	¢10.200	2032	* *	1 1		B B
Galv Iron/Steel			\$19,200 oderate, Area Affe			1		D
		: Through		ieu . 20,	×0			
Water Heater	Locuiton	. Inrough	Oui					
Gas Fired	100%			2017	\$18,700	2	\$1,100	В
Gas Filed		arvation F	Extent : Light, Area			2	\$1,100	Ь
			xieni . Ligni, Areu r Mechanical Roon		. 100/0			
			s Fired Units	ı				
Sanitary Piping	Explanal	ion . 5 Gu.	s rirea Onus					
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	10070			LIIL		1		
Cast Iron	100%	Now	\$5,600	LIFE	* *	1		В
Cust Iron			Extent : Moderate, 1		ected · 10%	1		ь
	_	: Roof Dro		irea rijje	. 1070			
Sump Pump(s)		J 270						
Rigid Piping	35%			2022	\$3,500	4	\$700	В
Submersible	65%			2014	\$4,000	4	\$1,300	В
Fixtures	0.570			2017	ψ+,000	т	Ψ1,500	
Generic	100%							В
Generic		ixtures F	tent : Moderate, A	rea Affec	ted: 100%			ט
			out 3rd Floor					
Fire Suppression	,							
Standpipe								
Generic	100%			2032	* *	1-5	\$37,700	В
Generale	100/0			2032		1-3	ψ31,100	ע

 $[\]label{lem:maintenance} \textit{Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BRONX DIST. 12 SANITATION GARAGE

Address : 1635 EAST 233RD ST.

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 : 30-Jul-2010 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 4974 Lot : 28 BIN : 2090261

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$437,400	\$786,500
Interior Architecture	\$694,300	\$306,800
Electrical	\$255,700	\$43,500
Mechanical	\$90,400	\$470,100
Total	\$1,477,800	\$1,606,900
Priority A	\$437,400	\$786,500
Priority B	\$744,800	\$513,600
Priority C	\$295,600	\$306,800
Total	\$1,477,800	\$1,606,900

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$11,700			
Interior Architecture	\$14,600	\$18,700		\$1,200
Electrical	\$20,300	\$8,200	\$9,800	\$9,900
Mechanical	\$35,700	\$16,800	\$79,700	\$18,100
Total	\$82,300	\$43,600	\$89,500	\$29,200
Priority A	\$11,700			
Priority B	\$56,000	\$24,900	\$89,500	\$28,100
Priority C	\$14,600	\$18,700		\$1,200
Total	\$82,300	\$43,600	\$89,500	\$29,200



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

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

Asset #: 4133

rchitecture	Current Repair	Future Replacement	M	Maintenance		
stem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Cod	
terior Exterior Walls						
Masonry: Brick	50% Now \$99, Cracking/Crumbling, Extent: Lig Location: Throughout	,700 LIFE ** oht, Area Affected : 10%	5	\$60,800	A	
Metal Coiling Doors		,800 2026 ** : Light, Area Affected : 10%	5	\$95,000	A	
Windows						
Aluminum	95% Now \$10, Ctrwt/Balnc Not Funct, Extent : L Location : Throughout	,400 2037 ** .ight, Area Affected : 10%	5	\$2,200	A	
Glass Block	5% Now \$1, Broken/Missing Elements, Extent Location: Throughout	300 LIFE ** : Light, Area Affected : 10%	5	\$100	A	
Parapets	Locuiton : Throughour					
Masonry: Brick	100% Efflorescence, Extent : Light, Area Location : Mechanical Penthou.		5	\$14,100	A	
Roof		,100 2021 \$630,700				
	Miss/Damaged Flashings, Extent Location: Throughout Water Penetration, Extent: Light Location: Mechanics Area Worn/Eroded, Extent: Moderate, Location: Throughout	, Area Affected : 10%				
Skylight, Metal/Glass	15% Now \$138. Broken/Missing Elements, Extent Location: Throughout				A	
erior						
Floors Cast in Place Concrete	75% Now \$208. Cracking/Crumbling, Extent: Mo Location: Throughout	,600 LIFE ** derate, Area Affected : 30%	5	\$306,800	C	
Ceramic Tile	20%	2030 **	5	\$37,400	C	
Vinyl Tile		,000 2031 **	3	\$3,500	C	
Interior Walls						
Cast in Place Concrete	15% Now \$14. Cracking/Crumbling, Extent : Lig Location : Throughout	,600 LIFE ** ht, Area Affected : 5%			С	
Concrete Masonry Unit		LIFE **	5	\$15,300	С	
Glass: Single Pane	5%	LIFE **	5	\$2,900	C	
Gypsum Board	5%	LIFE **	5	\$2,300	C	

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

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

Asset #: 4133

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 Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%	Now	\$152,400	2034	* *	5	\$23,400	В
		issing Elem e: Through	ents, Extent : Seve out	re, Area	Affected : 100%			
Exposed Concrete	35%	Now	\$246,300	LIFE	* *	5	\$10,200	В
•	Corrosion	/Rusting, E	xtent : Moderate, A	Area Affe	cted : 15%			
	Location	: Through	out Basement And	Undersid	le Of Ramp			
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 20%			
	Location	: Through	out Basement And	Undersid	le Of Ramp			
	Exposed Reinforcement, Extent : Moderate, Area Affected : 20%							
	Location	: Through	out Basement And	Undersid	le Of Ramp			
Exposed Struc: Steel	40%			LIFE	* *			В

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 Code
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2031	* *	5	\$400	В
	Other Observation, I	Extent : Moderate, Are	ea Affe	cted : 100%			
	Location : Electric	al Room					
	Explanation: One	3000 Amps And 800 A	Amps M	Iain Disconnect S	witch		
Switchgear / Switchboard							
Fused Disc Sw	100%	<u> </u>	2031	* *	5	\$400	В
Raceway							
Conduit	100%		2031	* *	1		В
Panelboards							
Fused Disc Sw	5%		2029	* *	5	\$100	В
Molded Case Bkrs	95%	:	2029	* *	5	\$2,400	В
Wiring							
Thermoplastic	100%		2031	* *	1		В
Motor Controllers							
Locally Mounted	10%	:	2026	* *	5	\$100	В
Motor Control Center	90%	·	2026	* *	5	\$2,300	В
Ground							
Grounding Devices							
Generic	100%]	LIFE	* *	5	\$1,400	В
Lighting							
Interior Lighting							
Fluorescent	50%	:	2029	* *	10	\$43,500	В
		Extent : Moderate, Are	ea Affe	cted : 100%			
	Location : Through						
	Explanation: Usin	ig T-8 Lamps					
HID	50%	,	2029	* *	10	\$1,500	В

Maintenance \$ are aggregated over a ten-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	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 Code
Lighting							
Egress Lighting							
Exit, Service	50% 0-2	\$7,700	2031	* *	1		В
	Not Functioning, Ex	tent : Moderate, Are	ea Affect	ed : 100%			
	Location: Through	iout					
No Component	50%						D
Exterior Lighting							
HID	100%		2021	\$5,700	10	\$300	В
Lightning Protection							
Arresters/Cabling							
Generic	100%		2024	* *	5	\$2,800	В
Alarm							
Security System							
No Component	20%						D
Generic	80%		2016	\$255,700	1	\$28,400	В
Fire/Smoke Detection							
Generic	100%		2029	* *	1-3	\$60,400	В

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 Code
Heating								
Energy Source								
Natural Gas	70%			2041	* *	1		В
Interruptible Gas/Dual Fuel	30%			2041	* *	1		В
Conversion Equipment								
Furnace	70%	Now	\$18,100	2016	\$90,400	1	\$29,600	В
			Extent : Severe, Are out The Garage	a Affecte	ed : 70%			
	Explana	tion : Appr	oximately 30 Old U	nits, Mo	st Of Them Not Wo	orking Pr	operly	
Hot Water Boiler	30%			2034	* *	1	\$14,100	В
	Location	ervation, E : Boiler R tion : 2 Uni		Affected	! : 30%			
Distribution								
Hot Wtr Piping/Pump	30%			2029	* *	4	\$1,400	В
No Component	70%							D
Terminal Devices								
Air Handler	20%	Now	\$5,700	2021	\$113,900	1	\$10,600	В
			nt, Extent : Light, A or A C / Heating Ro		cted : 5%			
Convector/Radiator	10%			2026	* *	1	\$3,100	В
No Component	70%			2020			Ψ5,100	D
Air Conditioning	. 370							
Energy Source								
Electricity	100%			2029	* *	1		В

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

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

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Cooling	20%			2019	\$272,100	2	\$1,200	В
Window/Wall Unit	10%			2016	\$21,700	1		В
No Component	70%							D
Heat Rejection								
Air Condenser Unit	20%			2021	\$12,700	2	\$13,200	В
No Component	80%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$52,900	В
Exhaust Fans								
Roof	100%			2021	\$84,000	2	\$2,900	В
Plumbing					•			
H/C Water Piping								
Brass/Copper	100%			2031	* *	1		В
Water Heater								
Gas Fired	100%			2016	\$24,600	2	\$1,400	В
Sanitary Piping					•			
Cast Iron	100%	Now	\$4,600	LIFE	* *	1		В
	Blockage ,	Clogged, I	Extent : Moderate, 1	Area Affe	ected : 10%			
	Location	ı : Water B	ackup On Garage I	Floor Du	ring Heavy Rain			
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sewage Ejector(s)								
Electric	100%			2021	\$10,100	4	\$1,300	В
Fixtures					· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
Generic	100%							В
Fire Suppression								
Standpipe								
Generic	100%			2031	* *	1-5	\$47,900	В
Sprinkler							. ,	
Generic	100%			2031	* *	1-2	\$26,600	В
Fire Pump							+,500	
Generic	100%			2024	* *	1	\$17,800	В
	100/0					-	Ψ17,000	

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.

Page: 23

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BRONX DIST.7/8 SANITATION GARAGE

Address : 423 WEST 215TH ST.

Borough : MANHATTAN Agency's Number : N/A

Date of Survey : 26-Jul-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2212 Lot : 1 BIN : 1082036

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$444,100	\$497,900
Interior Architecture	\$188,600	\$199,400
Mechanical	\$49,100	\$201,600
Total	\$681,800	\$898,800
Priority A	\$444,100	\$497,900
Priority B	\$49,100	\$201,600
Priority C	\$188,600	\$199,400
Total	\$681,800	\$898,800

Total	\$74,700	\$42,200	\$36,900	\$23,300
Priority C	\$22,000	\$3,900		\$700
Priority B	\$11,700	\$14,300	\$36,900	\$16,100
Priority A	\$41,100	\$24,000		\$6,400
Total	\$74,700	\$42,200	\$36,900	\$23,300
Mechanical	\$11,100	\$14,300	\$30,500	\$16,100
Electrical	\$600		\$700	
Interior Architecture	\$22,000	\$3,900	\$5,700	\$700
Exterior Architecture	\$41,100	\$24,000		\$6,400
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



Maintenance \$ are aggregated over a 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	M	aintenance		
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior								
Exterior Walls	2007		2020	* *	_	#40.100		
Fiberglass Panel	20% 60% Now	\$252.500	2030 LIFE	* *	5 5	\$48,100	A	
Masonry: Brick	Horizontal Cracks, Ext	\$252,500 ent : Moderate A			3	\$38,500	A	
	Location : South Fac		nea ngjeci	eu . 570				
	Rusting Masonry Supt,		te, Area A	fected : 10%				
	Location : Garage De		-	,				
	Vertical Cracks, Extens	t : Moderate, Are	a Affected	: 20%				
	Location: South Face	ade And Piers Th	roughout.	Penthouse				
Masonry: Granite	3% Now	\$25,300	LIFE	* *	5	\$1,400	A	
	Jnt Mortar Miss/Erod,	Extent : Moderat	te, Area A <u>f</u>	fected : 25%				
	Location : Building B	Base						
Masonry: Limestone	2% Now	\$15,700	LIFE	* *	5	\$1,000	A	
	Jnt Mortar Miss/Erod, Location : Window St		te, Area A <u>f</u>	fected : 35%				
Metal Coiling Doors	15% Now	\$57,600	2026	* *	5	\$15,000	A	
	Broken/Missing Element Location: Throughou	_	t, Area Aff	ected : 10%		. ,		
Windows								
Aluminum	100%		2037	* *	5	\$12,900	A	
Parapets	1000/ 11	фо 2 000	LIDE	ale ale	-	Φ7.100		
Masonry: Brick	100% Now	\$92,800	LIFE	**	5	\$7,100	Α	
	Horizontal Cracks, Extent : Moderate, Area Affected : 15% Location : North Facade, South Facade, East Facade Including Penthouse							
	Jnt Mortar Miss/Erod,			_	Chinous	•		
	Location : North And							
Roof								
Built-Up (BUR)	85% Now	\$41,300	2021	\$413,300			A	
	Water Penetration, Ext		Affected:	20%				
	Location : Throughou	ıt						
Skylight, Metal/Glass	15%		2041	* *	10	\$46,100	A	
Interior								
Floors	000/ 11	4425 500	* ****	ماد ماد	_	\$100.100	a	
Cast in Place Concrete	80% Now Cracking/Crumbling, E	\$135,600	LIFE	* *	5	\$199,400	C	
	Location: Throughou	_	еи Ајјестес	. 20/6				
Ceramic Tile	5%		2030	* *	5	\$5,700	С	
Quarry Tile	10%		2034	* *	5	\$17,100	C	
Vinyl Tile	5% Now	\$53,000	2031	* *	3	\$2,100	C	
· J	Punct/Tear/Impact Dar			Affected: 100%		,- 30	-	
	Location : Throughou	ıt						

Maintenance \$ are aggregated over a ten-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	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls								
Ceramic Tile	5%			2030	* *	5	\$2,000	C
Concrete Masonry Unit	80%			LIFE	* *	5	\$12,900	C
Gypsum Board	10%			LIFE	* *	5	\$2,400	C
Masonry: Brick	5%	Now	\$13,400	LIFE	* *			C
	Spalling, 1	Extent : Mo	derate, Area Affect	ed : 3%				
	Location	ı : Stairwel	ls At South Facade					
	Water Per	netration, E	xtent : Moderate, A	rea Affe	cted : 5%			
	Location	ı : Stairwel	ls At South Facade					
Ceilings								
AcousTileSusp.Lay-In	10%			2026	* *	5	\$11,400	В
Exposed Concrete	30%			LIFE	* *	5	\$5,300	В
Exposed Struc: Steel	60%			LIFE	* *			В
-	Water Per	ietration, E	xtent : Light, Area	Affected	: 5%			
	Location	i : Through	out					

Electrical	Current F	Repair Fu	uture Replaceme	ent	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Yes		Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%	203	31	* *	5	\$200	В
	Other Observation, E	Extent : Moderate, Area I	Affected: 100%				
	Location : Electrica	al Room					
	Explanation : Servi	ce Size 2000 Amps					
Switchgear / Switchboard							
Fused Disc Sw	100%	20:	31	* *	5	\$200	В
Raceway							
Conduit	100%	20:	31	* *	1		В
Panelboards							
Molded Case Bkrs	100%	202	29	* *	5	\$1,300	В
Wiring							
Thermoplastic	100%	20:	31	* *	1		В
Motor Controllers							
Locally Mounted	25%	202	26	* *	5	\$100	В
Motor Control Center	75%	202	26	* *	5	\$1,000	В
Ground							
Grounding Devices							
Not Accessible	100%						D
Lighting							

Lighting

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

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

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

Asset #: 4134

lectrical	Current Repair Future Replaceme			Ma		
ystem Component Type	% of Fail Date Estimated Co. Total (Years)	st Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ghting						
Interior Lighting						
Fluorescent	35%	2029	* *	10	\$15,300	В
	Other Observation, Extent: Moderat Location: Throughout Explanation: T-8 Lamps	e, Area Affecte	ed : 100%			
HID	65%	2029	* *	10	\$1,000	В
	Other Observation, Extent: Moderat Location: Garage Explanation: Sodium And Mercury	. 55	ed : 100%			
Egress Lighting						
Emergency, Service	50%	2029	* *	1		В
	Obsolete Equipment, Extent : Modera Location : Throughout	ate, Area Affec	eted : 100%			
Exit, Battery	50%	2029	* *	10	\$1,600	В
Exterior Lighting						
HID	100%	2029	* *	10	\$200	В

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estin (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		В
Conversion Equipment								
Hot Water Boiler	100%			2034	* *	1	\$23,700	В
	Other Obs	ervation, Extent .	: Moderate, A	Area Affe	cted : 100%			
	Location	: Boiler						
	Explanat	ion : One Boiler						
Distribution								
Hot Wtr Piping/Pump	100%			2037	* *	4	\$2,400	В
Terminal Devices								
Air Handler	50%			2026	* *	1	\$14,800	В
Convector/Radiator	30%			2034	* *	1	\$4,600	В
Fan Coil Unit/Heat	20%			2021	\$159,300	1	\$3,100	В
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		В
Conversion Equipment								
Ext Pkg Unit - Cooling	20%	0-2	\$49,100	2031	* *	2	\$500	В
	Broken, Ex	ctent : Moderate,	Area Affecte	ed : 100%	ó			
	Location	: Mechanical Ro	oom					
No Component	80%							D
Heat Rejection								
Air Condenser Unit	100%			2021	\$21,300	2	\$33,300	В

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 Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$26,600	В
Exhaust Fans								
Roof	100%		\$4,200	2021	\$42,300	2	\$1,200	В
	•		ent : Moderate, Are		ed : 10%			
	Location	ı : One Of S	Seven Units On Roo	f				
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2041	* *	1		В
Galv Iron/Steel	70%			2026	* *	1		В
Water Heater								
Gas Fired	100%			2016	\$12,400	2	\$700	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)								
Rigid Piping	100%			2021	\$10,100	4	\$1,300	В
Backflow Preventer								
Generic	100%			2021	\$5,200	1	\$3,000	В
Fixtures								
Generic	100%							В
	Obsolete l	Fixtures, E.	xtent : Moderate, A	rea Affec	cted : 100%			
	Location	i : Through	out					
Fire Suppression								
Standpipe								
Generic	100%			2031	* *	1-5	\$24,100	В
Sprinkler								
Generic	100%			2031	* *	1-2	\$13,400	В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BRONX DISTRICT 11 GARAGE FORMER INCINERATOR

Address : 800 ZEREGA AVENUE

Borough : BRONX Agency's Number : N/A

Date of Survey : 07-Apr-2011 Landmark Status : NONE

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

Block : 3702 Lot : 1 BIN : 2094842

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,104,800	\$192,100
Interior Architecture	\$395,000	\$141,300
Electrical	\$38,600	\$34,200
Mechanical		\$246,600
Total	\$1,538,300	\$614,200
Priority A	\$1,104,800	\$192,100
Priority B	\$88,600	\$280,900
Priority C	\$345,000	\$141,300
Total	\$1,538,300	\$614,200

Total	\$42,200	\$2,600	\$8,300	\$104,700
Priority C				\$1,000
Priority B	\$25,100	\$2,600	\$8,300	\$91,500
Priority A	\$17,100			\$12,300
Total	\$42,200	\$2,600	\$8,300	\$104,700
Mechanical	\$2,200	\$1,400	\$7,900	\$38,700
Electrical	\$11,600	\$1,200	\$400	\$52,800
Interior Architecture	\$11,300			\$1,000
Exterior Architecture	\$17,100			\$12,300
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



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

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

Asset #: 4241

rchitecture		Current F	Repair	Futur	Future Replacement Maintenance			
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior								
Exterior Walls	= 0.4		455 500		de de	_	#20.200	
Cast Stone/Terra Cotta	Location Jnt Morta	Crumbling, 1 : At Build	d, Extent : Modera		-	5	\$38,300	A
Fiberglass Panel	10%	Now	\$7,700	2031	* *	5	\$18,400	A
Ü		issing Elem i : Through	ents, Extent : Ligh	t, Area A	ffected : 20%		. ,	
Masonry: Brick	Location Cracking/ Location Jnt Morta	issing Elem 1 : East Fac Crumbling, 1 : Through	Extent : Moderate out d, Extent : Moderat	e, Area Ą	ffected : 20%	5	\$63,700	A
Metal Coiling Doors	Location Deformed	/Rusting, E n : East Fac	xtent : Moderate, A			5	\$15,300	A
Stucco Cement	10%			2027	* *	5	\$24,500	A
Windows Aluminum	-	0-2 ation, Exter a : Through	\$71,800 nt : Light, Area Affa out	2030 ected : 10	**	5	\$15,300	A
Metal Louvers	5%			2031	* *	10	\$10,000	A
Parapets Cast Stone/Terra Cotta	_		\$38,300 Extent : Light, Are	LIFE ea Affect	** ed : 10%	5	\$8,500	A
	Jnt Morta	_	d, Extent : Modera	te, Area 1	Affected : 50%			
Masonry: Brick	Location Jnt Morta	Cracks, Ex 1: Corners	\$172,600 tent : Moderate, A & Throughout Fac l, Extent : Modera out	cades		5	\$8,800	A
Metal Panel	Location Seams Op	/Dented, E n : Through	tent : Moderate, A			5	\$2,100	A

Maintenance \$ are aggregated over a ten-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 Rep	pair Future Replacem		e Replacement	ment Maintenance		
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior							
Roof	1000/		2022	* *	10	000 000	4
Modified Bitumen	100% Recent Replace Evident Location : Throughou	_	2032 Area Affe		10	\$90,000	A
nterior							
Floors Cast in Place Concrete	85% Now Cracking/Crumbling, E.	\$192,100 xtent : Moderate	LIFE . Area At	* * fected : 20%	5	\$141,300	C
	Location : Garage Are				Garage		
	Spalling, Extent: Light, Location: Throughout		20%				
Ceramic Tile	5% Now Broken/Missing Elemen Location : Toilets And	Shower Rooms			5	\$1,900	С
	Cracking/Crumbling, E. Location: Throughout		rea Affec	ted : 30%			
Vinyl Tile	10% Now Cracking/Crumbling, E. Location: At Office	\$70,700 xtent : Moderate	2032 , Area A <u>f</u>	* * fected : 40%	3	\$2,900	С
	Worn/Eroded, Extent : 1	Moderate. Area	Affected :	40%			
	Location : At Office	.10 wer wie, 11, ew 1	25500000	.0,0			
Interior Walls							
Concrete Masonry Unit	50%		LIFE	* *	5	\$14,300	C
Masonry: Brick	40%		LIFE	* *			C
SGFT/Glazed Masonry	10%		LIFE	* *			C
Ceilings		* * * * * * * * * * * * * * * * * * *			_	** 000	_
AcousTileSusp.Lay-In	10% Now Staining/Discoloring, E. Location: Locker Roo		2027 , Area A <u>f</u>	* * fected : 30%	5	\$3,800	В
	Water Penetration, Exte	nt : Moderate, A	rea Affe	cted : 20%			
Exposed Concrete	35% Now Cracking/Crumbling, E. Location: Main Gara			* * fected : 10%	5	\$4,200	В
	Spalling, Extent: Light, Location: Throughout	Area Affected :	20%				
Exposed Struc: Steel	50%		LIFE	* *			В
Plaster	5% Now Cracking/Crumbling, E. Location: Toilets	\$6,400 xtent : Moderate	LIFE , Area A <u>f</u>	* * fected : 10%	5	\$2,400	В

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

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 #: 4241

Electrical	Current Repair	Current Repair Future F		Maintenance		
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment Fused Disc Sw	50% Other Observation, Extent : I	-	* * ted : 100%	5	\$100	В
Fused Disc Sw	Explanation: 600 Amperes 50% Other Observation, Extent: I Location: Electrical Room Explanation: 800 Amperes	2022 Moderate, Area Affec	\$12,400 ted: 100%	5	\$100	В
Switchgear / Switchboard	Explanation: 000 Amperes					
Fused Disc Sw Molded Case Bkrs	30% 70%	2022 2022	\$8,700 \$20,400	5 5	\$100 \$900	B B
Raceway			, .,		1.5.5.5	
Conduit Conduit	95% 5%	2022 2032	\$34,200 * *	1 1		B B
Panelboards Fused Disc Sw Molded Case Bkrs	5% 60%	2021 2021	\$1,100 \$13,200	5 5	\$100 \$800	B B
Molded Case Bkrs	35%	2030	* *	5	\$500	В
Wiring Braided Cloth	40% 2-4 Insulation Aged, Extent: Mo Location: Throughout	\$10,700 2047 derate, Area Affected	* *	1		В
Thermoplastic	50%	2022	\$13,400	1		В
Thermoplastic	10%	2032	* *	1		В
Motor Controllers Locally Mounted	100%	2020	\$29,000	5	\$300	В
Ground						
Grounding Devices Generic	100% 0-2 Other Observation, Extent : I Location : 1st Floor Explanation : Corroded	\$900 LIFE Moderate, Area Affec	* * ted : 100%	5	\$800	В
Lighting						
Interior Lighting Fluorescent	35% Other Observation, Extent: I Location: Throughout The Explanation: T-12 Lamps		\$38,600 ted: 100%	10	\$16,300	В
HID	50%	2017	\$15,300	10	\$800	В
Incandescent	15%	2017	\$16,500	2	\$200	В
Exterior Lighting HID	100%	2017	\$3,000	10	\$200	В
Lightning Protection Arresters/Cabling				_		_
Generic	100%	2025	* *	5	\$1,500	В

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

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

Asset #: 4241

Mechanical	Current Repair		Futur	e Replacement	M		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating	•						•
Energy Source							
Electricity	10%		2032	* *	1		В
No Component	90%						D
Conversion Equipment							
Radiant Heater	10%		2022	\$24,900	2	\$2,400	В
No Component	90%						D
Air Conditioning							
Energy Source	7 0/		2021	Ф.400			ъ
Electricity	5%		2021	\$400	1		В
No Component	95%						D
Conversion Equipment	5 0/		2017	¢12.000	2	\$200	D
Ext Pkg Unit - Cooling	5% R-22 Refrigerant, Ex	ctant : Light Arag A		\$13,000	2	\$200	В
		aeaa . Ligni, Area A 1ge Units, Mezzanin	-	100%			
N. C.		ige Oniis, Mezzanini					- D
No Component	95%						D
Distribution Ductwork/Diffusers	5%		LIFE	* *	2	\$2.200	D
No Component	5% 95%		LIFE		2	\$3,300	B D
Ventilation	9370						<u> </u>
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$28,300	В
Exhaust Fans	100/0					Ψ20,800	
Roof	100%		2022	\$44,900	2	\$1,600	В
Plumbing				· · · · · · · · · · · · · · · · · · ·		. ,	
H/C Water Piping							
Galv Iron/Steel	100%		2027	* *	1		В
Water Heater							
Oil Fired	100%		2017	\$17,500	1	\$1,500	В
	Other Observation, I	_	Affected	: 100%			
	Location: 1st Floo						
	Explanation: One	Unit - 275 Gals					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping	400-			_			_
Cast Iron	100%		LIFE	* *	1		В
Backflow Preventer	1000/		2022		_	** • • •	-
Generic	100%		2022	\$5,500	1	\$3,100	В
Fixtures	1000/						-
Generic	100%						В
Fire Suppression							
Standpipe	1000/		2022	¢201 700	1.5	¢25 (00	D
Generic	100%		2022	\$201,700	1-5	\$25,600	В

Maintenance \$ are aggregated over a 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: 33

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BROOKLYN 11 SANITATION GARAGE BK S11

Address : 1824 SHORE PARKWAY

Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 30-Jul-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 6943 Lot : 2 BIN : 3378180

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$363,700	\$118,000
Interior Architecture	\$459,500	\$129,300
Electrical		\$36,000
Mechanical	\$126,700	\$356,200
Total	\$949,900	\$639,500
Priority A	\$363,700	\$118,000
Priority B	\$429,000	\$392,200
Priority C	\$157,200	\$129,300
Total	\$949,900	\$639,500

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture			\$3,700	
Interior Architecture	\$27,600	\$3,000		\$5,000
Electrical	\$5,500	\$4,400	\$7,800	\$4,700
Mechanical	\$26,000	\$6,800	\$39,000	\$11,400
Total	\$59,000	\$14,200	\$50,500	\$21,000
Priority A			\$3,700	
Priority B	\$31,500	\$11,200	\$46,800	\$16,100
Priority C	\$27,600	\$3,000		\$5,000
Total	\$59,000	\$14,200	\$50,500	\$21,000



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

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

DEPARTMENT OF SANITATION - 827 BROOKLYN 11 SANITATION GARAGE BK S11

Asset #: 122

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 Code
Exterior								
Exterior Walls								
Masonry: Brick	60%		#224 000	LIFE	* *	5	\$59,300	A
Metal Coiling Doors	38%	Now	\$224,900	2026	* *	5	\$58,700	A
		issing Eien 1 : Through	nents, Extent : Mod	erate, Ar	ea Affectea : 40%			
Window Wall	2%	i . Inrougn	Oui	2041	* *	5	\$7,400	A
Windows	2/0			2041			\$7,400	Л
Aluminum	100%	Now	\$62,400	2037	* *	5	\$6,600	A
7 Hammani			ct, Extent : Modera		Affected : 30%	3	φο,σσσ	71
		: Through						
Parapets								
Masonry: Brick	100%			LIFE	* *	5	\$5,300	A
Roof								
Modified Bitumen	95%			2026	* *	10	\$76,400	A
Skylight, Plastic	5%			2034	* *	1		A
Interior								
Floors	700/			LIDE	* *	_	¢120.200	C
Cast in Place Concrete Ceramic Tile	70% 7%			LIFE 2030	* *	5 5	\$129,300 \$5,900	C C
Panel/Paver: Cer/Brk	3%			2030	* *	5	\$5,700 \$5,700	C
Vinyl Tile	20%	Now	\$157,200	2031	* *	3	\$6,300	C
vinyi The			amage, Extent : Se		ea Affected : 100%		ψ0,500	C
		: Through	_	, ,				
Interior Walls								
Concrete Masonry Unit	55%			LIFE	* *	5	\$7,600	C
Gypsum Board	15%	Now	\$27,600	LIFE	* *	5	\$3,100	C
	_	_	Extent : Moderate	, Area A	ffected : 40%			
		: Through	out					
Masonry: Brick	5%			LIFE	* *			C
SGFT/Glazed Masonry	25%			LIFE	* *			С
Ceilings	0.50/	Ma	¢127.700	2041	* *	F	¢10.000	D
AcousTileSusp.Lay-In		Now	\$137,700			5	\$10,600	В
		issing Eien 1 : Through	ients, Extent : Seve out	re, Area	Affeciea : 100%			
Exposed Struc: Steel	30%	4+	\$112,500	LIFE	* *			В
r			Extent : Moderate, A		cted : 30%			-
		ı : Through						
Exposed Struc: Steel	40%			LIFE	* *			В
Gypsum Board	5%	Now	\$52,100	LIFE	* *	5	\$5,300	В
• •			Extent : Severe, A		eted : 100%			
	Location	: Through	out					

Electrical	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 Code

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.

DEPARTMENT OF SANITATION - 827 BROOKLYN 11 SANITATION GARAGE BK S11

Asset #: 122

Electrical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2021	\$5,100	5	\$300	В
	Other Observation, Extent	: Moderate, Area Affe	cted : 100%			
	Location : Electrical Roo					
	Explanation: Two 3000 A	Amps Main Disconnec	t Switch			
Switchgear / Switchboard						
Fused Disc Sw	100%	2021	\$29,100	5	\$300	В
Raceway						
Conduit	100%	2021	\$36,000	1		В
Panelboards						
Fused Disc Sw	5%	2020	\$1,400	5	\$100	В
Molded Case Bkrs	95%	2020	\$26,200	5	\$1,600	В
Wiring						
Thermoplastic	100%	2021	\$26,700	1		В
Motor Controllers						
Locally Mounted	10%	2019	\$3,300	5		В
Motor Control Center	90%	2019	\$29,800	5	\$1,500	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$900	В
Lighting						
Interior Lighting						
Fluorescent	40%	2029	* *	10	\$20,700	В
		Other Observation, Extent: Moderate, Area Affected: 100%				
	Location: Throughout					
	Explanation: T-8 Lamps					
HID	60%	2029	* *	10	\$1,100	В
Egress Lighting						
Emergency, Service	50%	2021	\$4,600	1		В
Exit, Service	50%	2021	\$4,600	1		В
Exterior Lighting			•			
HID	100%	2016	\$3,800	10	\$200	В
Alarm						
Fire/Smoke Detection						
Generic	100%	2026	* *	1-3	\$40,000	В

Mechanical	Currer	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Fuel Oil No 2	100%		2031	* *	5	\$17,500	В

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

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

DEPARTMENT OF SANITATION - 827 BROOKLYN 11 SANITATION GARAGE BK S11

Asset #: 122

Mechanical		Current Repair		Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating	•			•				
Conversion Equipment Hot Water Boiler	Location			2038 Affected	**: 100%	1	\$28,000	В
Distribution								_
Hot Wtr Piping/Pump	100%			2029	* *	4	\$2,800	В
Terminal Devices Convector/Radiator Unit Heater-Stm/HW	20% 80%			2019 2029	\$118,700 * *	1 4	\$3,700 \$4,100	B B
Air Conditioning							·	
Energy Source Electricity	100%			2037	* *	1		В
Conversion Equipment Ext Pkg Unit - Cooling	Location	servation, I 1 : Roof	\$72,500 Extent : Moderate, A	2031 Area Affe	* * cted : 25%	2	\$700	В
			Extended Life		445.000			
Window/Wall Unit	10%			2016	\$12,900	1		В
No Component Ventilation	65%							D
Distribution Ductwork/Diffusers		, Extent : S	\$54,200 levere, Area Affecte letal Stack Is Broker		* *	2-5	\$31,500	В
Exhaust Fans								
Roof	100%			2021	\$49,900	2	\$1,700	В
Plumbing H/C Water Piping Brass/Copper	100%			2021	\$187,600	1		В
Water Heater	1000/			2014	#10.500		φ1. 7 00	ъ
Oil Fired	100%			2014	\$19,500	1	\$1,700	В
Sanitary Piping Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	100/0			ъп ъ		1		ע
Cast Iron	100%			LIFE	* *	1		В
Fixtures								
Generic	100%							В
Fire Suppression Standpipe								
Generic	100%			2041	* *	1-5	\$29,600	В
Sprinkler Generic	100%			2031	* *	1-2	\$15,800	В

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BROOKLYN 12 GARAGE MAIN BUILDING

Address : 5602 19 AVENUE

Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 10-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 5480 Lot : 42 BIN : 3253262

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,950,100	\$110,600
Interior Architecture	\$603,800	\$118,900
Electrical	\$36,800	\$32,400
Mechanical	\$377,500	\$101,800
Total	\$2,968,100	\$363,800
Priority A	\$1,950,100	\$110,600
Priority B	\$726,900	\$134,300
Priority C	\$291,100	\$118,900
Total	\$2,968,100	\$363,800

Total	\$121,400	\$6,700	\$10,400	\$107,500
Priority C	\$47,300			\$1,800
Priority B	\$50,600	\$6,700	\$10,400	\$105,700
Priority A	\$23,400			
Total	\$121,400	\$6,700	\$10,400	\$107,500
Mechanical	\$50,600	\$6,500	\$9,800	\$66,800
Electrical		\$200	\$600	\$38,800
Interior Architecture	\$47,300			\$1,800
Exterior Architecture	\$23,400			
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



Maintenance \$ are aggregated over a 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		
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
terior									
Exterior Walls	0.004		4554 200		de de	_	Φ.Ε.Ε. 200		
Masonry: Brick	Location Effloresce	Crumbling n : Through	t : Moderate, Area A		-	5	\$57,300	A	
		er Miss/Eroe n : Through	d, Extent : Moderat out	e, Area A	Affected: 45%				
	Misaligned/Bulging, Extent : Moderate, Area Affected : 15% Location : Throughout								
			Extent : Moderate, A Throughout	rea Affe	cted : 15%				
Metal Coiling Doors	Broken/M	Now lissing Elen n : Through	\$114,200 nents, Extent : Mode out	2027 erate, Ar	* * rea Affected : 30%	5	\$9,900	A	
Windows									
Steel	-		\$487,500 nt : Moderate, Area out	2047 Affected	* * l : 45%	5	\$53,400	A	
	Location	n : Through							
	Location	n : Through							
	Location	n : Through							
	_	Broken/Crac n : Through	cked, Extent : Mode	rate, Are	ea Affected : 25%				
Parapets	Locuitor	i. Inrough	Oui						
Cast Stone/Terra Cotta			\$23,400 , Extent : Moderate out	LIFE , Area A	** ffected : 20%	5	\$5,200	A	
		r Miss/Eroo n : Through	d, Extent : Light, Ai out	rea Affec	ted : 20%				
Masonry: Brick	_		\$237,800 , Extent : Moderate ace	LIFE , Area A	* * ffected : 55%	5	\$6,100	A	
		Extent : Mo n : Inside F	oderate, Area Affect ace	ed : 55%	ó				
		ded, Exteni n : Inside F	t : Moderate, Area A ace	Affected	: 55%				

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

Architecture	Current	Futur	e Replacement	М	aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Roof	1000/ 37	ф250 200	2022	ate ate			
Single Ply Membrane	100% Now	\$359,300	2032	* *			A
	Blisters, Extent : Mo Location : Through		a: 40%				
	Debris Present, Exte		Affected	l : 25%			
	Location : Through						
	Ponding, Extent: M	oderate, Area Affect	ed: 25%	ó			
	Location : Through						
	Water Penetration, I Location : Through		rea Affe	cted : 20%			
Interior							
Floors	750/		LIDE	* *	5	¢110.000	C
Cast in Place Concrete Ceramic Tile	75% 5% Now	\$15,700	LIFE 2025	* *	5 5	\$118,900 \$1,800	C C
Ceramic The	5% NOW Cracking/Crumbling				3	\$1,800	C
	Location: Through		, 11100111	jecica : 1070			
Vinyl Tile	20% Now	\$134,900	2032	* *	3	\$5,400	C
,	Adhesion Failure, E.			ted : 45%		72,100	_
	Location: 1st Floo	or, 2nd Floor					
	Cracking/Crumbling		, Area Aj	fected : 25%			
	Location : 1st Floo						
	Worn/Eroded, Exten Location: 1st Floo		Affected .	. 55%			
Interior Walls	Locumon : 1st 1 too	11, 2110 1 1001					
Masonry: Brick	40% Now	\$156,200	LIFE	* *			C
	Vertical Cracks, Ext		a Affecte	d : 30%			
	Location : At Stair						
	Water Penetration, I		rea Affe	cted : 15%			
	Location: Through		4 CC . 1	4507			
	Worn/Eroded, Exten Location : Through		Affected .	45%			
Diagram			LIDD	* *	5	¢1 000	C
Plaster	20% Now	\$31,600 Frient: Moderate			3	\$1,800	С
	Cracking/Crumbling, Extent: Moderate, Area Affected: 30% Location: Throughout						
	Staining/Discoloring		, Area A	ffected : 25%			
	Location : 1st Floo		J	•			
SGFT/Glazed Masonry	10%		LIFE	* *			С
No Component	30%						D

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 Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	20%	Now	\$94,500	2042	* *	5	\$7,200	В
	Broken/Missing Elements, Extent : Moderate, Area Affected : 30% Location : Throughout							
	Staining/I	Discoloring,	Extent : Moderate	, Area A	ffected : 40%			
	Location	ı : Through	out					
Exposed Concrete	80%	Now	\$218,200	LIFE	* *	5	\$9,100	В
	Cracking/	Crumbling,	Extent: Light, Are	ea Affecte	ed : 30%			
	Location	ı: Through	out					

Electrical	Current	Current Repair		e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2022	\$5,100	5	\$200	В
	Location : Electri	Extent : Moderate, A cal Room c 1200 Amps Main D	33				
Switchgear / Switchboard	1	1					
Fused Disc Sw	100%		2022	\$29,100	5	\$200	В
Raceway							
Conduit	90%		2022	\$32,400	1		В
Conduit	10%		2042	* *	1		В
Panelboards							
Fused Disc Sw	15%		2021	\$3,300	5	\$200	В
Molded Case Bkrs	75%		2021	\$16,500	5	\$1,100	В
Molded Case Bkrs	10%		2038	* *	5	\$100	В
Wiring							
Thermoplastic	90%		2022	\$24,000	1		В
Thermoplastic	10%		2042	* *	1		В
Motor Controllers							
Locally Mounted	100%		2020	\$29,000	5	\$400	В
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$800	В

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 #: 4196

Electrical	Current Repair	Future	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Lighting								
Interior Lighting								
Fluorescent	35%	2017	\$36,800	10	\$15,500	В		
	Other Observation, Extent : Moder	ate, Area Affe	cted : 100%					
	Location: Throughout							
	Explanation: T-8 Lamps							
Fluorescent	60%	2030	* *	10	\$26,600	В		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Garrage							
	Explanation: T-5 Lamps							
HID	5%	2027	* *	10	\$100	В		
Egress Lighting								
Emergency, Battery	50%	2017	\$9,800	10	\$5,800	В		
Exit, Service	50%	2017	\$3,900	1		В		
Exterior Lighting								
HID	100%	2017	\$3,200	10	\$200	В		

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 Code	
Heating								
Energy Source								
Natural Gas	100%		2042	* *	1		В	
Conversion Equipment								
Hot Water Boiler	100%		2042	* *	1	\$24,000	В	
	•	cent Replace Evident, Extent : Light, Area Affected : 100%						
	Location	: Boiler Room						
Distribution								
Hot Wtr Piping/Pump	100%	Now \$27,100	2030	* *	4	\$2,400	В	
		Extent : Severe, Area Affecte						
		: Boiler Room And Througho						
		ent, Extent : Severe, Area Affe	cted : 50)%				
	Location	: Boiler Room H W Valve						
Terminal Devices								
Air Handler	60%		2017	\$174,400	1	\$18,000	В	
Convector/Radiator	20%	Now \$10,200	2020	\$101,800	1	\$2,800	В	
		Extent : Severe, Area Affecte	d: 20%					
	Location	: Various Locations						
Fan Coil Unit/Heat	20%		2017	\$161,400	1	\$3,100	В	
Air Conditioning								
Energy Source								
Electricity	100%		2030	* *	1		В	
Conversion Equipment								
Window/Wall Unit	25%		2017	\$27,700	1		В	
No Component	75%						D	
Ventilation								

Ventilation

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

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

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 Code
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$27,000	В
Exhaust Fans								
Interior	70%			2017	\$41,700	2	\$1,000	В
Roof	30%			2017	\$12,900	2	\$500	В
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2032	* *	1		В
Water Heater								
Gas Fired	100%			2017	\$12,500	2	\$700	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)								
Submersible	100%			2014	\$6,100	4	\$2,000	В
Backflow Preventer								
Generic	100%			2022	\$5,200	1	\$3,000	В
Fixtures								
Generic	100%							В
Fire Suppression								
Standpipe								
Generic	100%			2032	* *	1-5	\$25,400	В

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

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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

Address : 5602 19 AVENUE

Borough : BROOKLYN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOS0053.020 \, / \, \, 4461 \qquad \qquad Yr \, Built / Renovated \quad : \, \,$

Area Sq Ft : 10,000 Project Type : SANITATION

Date of Survey : 10-Jun-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 5494 Lot : 89 BIN : 3328495

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$59,300	
Interior Architecture	\$51,100	
Total	\$110,400	
Priority A	\$59,300	
Priority C	\$51,100	
Total	\$110,400	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$6,100			
Interior Architecture	\$37,400	\$700		\$700
Electrical			\$100	\$500
Mechanical	\$700	\$700	\$1,300	\$1,800
Total	\$44,200	\$1,400	\$1,400	\$3,000
Priority A	\$6,100			
Priority B	\$22,200	\$700	\$1,400	\$2,300
Priority C	\$15,900	\$700		\$700
Total	\$44,200	\$1,400	\$1,400	\$3,000



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

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

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

Asset #: 4461

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail I Total (Yea		nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls Stucco Cement	100% No Cracking/Crumb Location: Thr	ling, Exter	\$59,300 at : Light, Are	2027 ea Affecte	* * ed : 15%	5	\$12,000	A
Windows Aluminum	100% No Broken/Missing Location : Thr	Elements, 1	\$6,100 Extent : Ligh	2030 t, Area Ą	** ffected : 10%	5	\$600	A
Roof Single Ply Membrane	100% Recent Replace . Location : Thr		ctent : Light, .	2032 Area Affe	* * ected : 100%	10	\$15,700	A
Interior								
Floors Vinyl Tile	50% No Broken/Missing Location : Thr Cracking/Crumb	Elements, l oughout				3	\$2,100	С
	Location: Thre	oughout						
Vinyl Tile	50%			2027	* *	3	\$2,100	С
Interior Walls Gypsum Board	100% No Cracking/Crumb Location : Thr	ling, Exter	\$15,900 at : Moderate	LIFE , Area Aj	* * fected : 20%	5	\$2,700	С
Ceilings								
AcousTileSusp.Lay-In	100% No Broken/Missing Location : Thr Water Penetration Location : Thr	Elements, E Oughout On, Extent :			* * ea Affected : 30% cted : 40%	5	\$5,500	В

Electrical	Current Repair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2022	\$900	5		В
	Other Observation, Extent : Moderat	e, Area Affected	l : 100%			
	Location: Womens Locker Room					
	Explanation: One 200 Amps Main	Disconnect Swi	tch			
Raceway						
Conduit	100%	2022	\$21,100	1		В
Panelboards						
Fused Disc Sw	5%	2021	\$600	5		В
Molded Case Bkrs	95%	2021	\$10,500	5	\$200	В

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

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

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

Asset #: 4461

Electrical	Current Repair	Future	Replacement	Maintenance					
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Under 600 Volts									
Wiring									
Thermoplastic	100%	2022	\$14,800	1		В			
Motor Controllers									
Locally Mounted	100%	2020	\$4,100	5	\$100	В			
Ground									
Grounding Devices									
Not Accessible	100%					D			
Lighting									
Interior Lighting									
Fluorescent	100%	2022	\$15,900	10	\$6,700	В			
	Other Observation, Extent : Modera	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Throughout								
	Explanation: T-8 Lamps								
Exterior Lighting									
HID	100%	2017	\$500	10		В			

Mechanical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating		•				
Energy Source						
Fuel Oil No 2	100%	2032	* *	5	\$2,300	В
	Other Observation, Extent : L	ight, Area Affected :	100%			
	Location: Basement Vault					
	Explanation: 2 - 500 Gallor	n Tanks				
Conversion Equipment						
Hot Water Boiler	100%	2027	* *	1	\$3,600	В
	Other Observation, Extent : L	ight, Area Affected :	100%			
	Location: Basement					
	Explanation : 1 - Hot Water	Boiler				
Terminal Devices						
Convector/Radiator	100%	2027	* *	1	\$2,400	В
Air Conditioning						
Energy Source						
Electricity	100%	2038	* *	1		В
Conversion Equipment						
Window/Wall Unit	100%	2020	\$16,800	1		В
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,100	В
Exhaust Fans						
Roof	100%	2022	\$6,500	2	\$200	В
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2032	* *	1		В
Water Heater						
Oil Fired	100%	2020	\$2,500	1	\$200	В

Maintenance \$ are aggregated over a 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 O.A.U. OFFICE

Mechanical	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 Code
Plumbing							
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Backflow Preventer							
Generic	100%		2027	* *	1	\$500	В
Fixtures							
Generic	100%						В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BROOKLYN 14 GARAGE WINTHROP ST.

Address : 356 WINTHROP STREET

Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 14-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 4827 Lot : 24 BIN : 3332514

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$247,000	\$44,000
Total	\$247,000	\$44,000
Priority A	\$247,000	\$44,000
Total	\$247,000	\$44,000

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$22,600	\$4,200		
Interior Architecture		\$17,500		\$1,900
Electrical	\$200	\$200	\$500	\$22,300
Mechanical	\$2,500	\$8,100	\$4,600	\$5,100
Total	\$25,200	\$30,100	\$5,100	\$29,400
Priority A	\$22,600	\$4,200		
Priority B	\$2,700	\$9,200	\$5,100	\$29,400
Priority C		\$16,700		
Total	\$25,200	\$30,100	\$5,100	\$29,400



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 #: 4197

Architecture	Current Repair Futu		Future	Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior								
Exterior Walls					_			
Masonry: Brick	70%	44 7 000	LIFE	* *	5	\$18,900	A	
Masonry: Brick	18% Now	\$15,900	LIFE	**	5	\$4,900	A	
	Diagonal Cracks, Ex Location : Second I		rea Affect	ed : 10%				
	Int Mortar Miss/Eroc		ta Araa A	ffeeted . 25%				
	Location : Second 1		іе, Агеи д	<i>Десіей</i> . 2570				
Masonry: Limestone	2% Now	\$6,600	LIFE	* *	5	\$400	A	
Masonry. Entrestone	Jnt Mortar Miss/Eroo				3	Φ400	A	
	Location : Window		ic, 11, ca 1,	gjeerea : 3070				
Metal Sect. OHD	10%		2035	* *	5	\$8,400	A	
Windows	10/0		2033			ψυ,πυυ		
Aluminum	15%		2038	* *	5	\$500	A	
Steel	85% Now	\$175,900	2047	* *	5	\$19,300	A	
	Air Infiltration, Exter Location : Through		a Affected	: 50%				
	Corrosion/Rusting, E	Extent : Moderate, A	Area Affe	cted : 50%				
	Location : Through							
	Deteriorated Finish,		Area Aff	ected : 50%				
	Location : Through							
	Glazing Broken/Crac Location : Through		erate, Are	a Affected : 50%				
Parapets								
Masonry: Brick	95% Now	\$71,000	LIFE	**	5	\$2,700	Α	
	Diagonal Cracks, Ex		rea Affect	ed : 10%				
	Location: North Fo		A CC 4	-1.500/				
	Jnt Mortar Miss/Erod Location : Through		rea А <u></u> ӈесі	ea : 30%				
	Misaligned/Bulging,		Aroa Aff	acted : 10%				
	Location: North Fo		Агеи Аује	гсией . 1070				
	Spalling, Extent: Mo		ted : 10%					
	Location : Interior							
Masonry: Limestone	5%		LIFE	* *	5	\$200	A	
Roof						·		
Modified Bitumen	100%		2030	* *	10	\$44,000	A	
Interior								
Floors					_			
Ceramic Tile	5%		2025	* *	5	\$1,500	C	
Traffic Topping	80%		2030	* *	5	\$30,800	C	
Vinyl Tile	15%		2030	* *	3	\$1,700	С	
Interior Walls Concrete Masonry Unit	20%		LIFE	* *	5	\$1,000	С	
Gypsum Board	20% 10%		LIFE	* *	5 5	\$1,000	C	
Masonry: Brick	70%		LIFE	* *	3	φουυ	C	
wasonry: Brick	/0%		LIFE	* *			L	

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

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

Asset #: 4197

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior							
Ceilings							
AcousTileConcealSpLn	10%		2027	* *	5	\$3,800	В
AcousTileSusp.Lay-In	5%		2035	* *	5	\$1,500	В
Exposed Concrete	65%		LIFE	* *	5	\$3,100	В
Exposed Struc: Steel	15%		LIFE	* *			В
Plaster	5%		LIFE	* *	5	\$1,000	В

Electrical	Current Repair	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Under 600 Volts								
Service Equipment Fused Disc Sw	100%	2022	¢1.600	_	¢100	D		
Fused Disc Sw	Other Observation, Extent : Moderate		\$1,600	5	\$100	В		
	Location : Electrical Room	е, Агеа Ајје	ciea . 100%					
	Explanation: Main Service Switch	No Availah	la Namanlata Patir	ı a c				
Switchgear / Switchboard	Explanation . Main Service Switch	NO Availab	<i>ие патериие канк</i>	igs				
Fused Disc Sw	100%	2022	\$19,400	5	\$100	В		
Raceway	100/0	2022	Ψ12,400		Ψ100			
Conduit	95%	2022	\$20,100	1		В		
Conduit	5%	2042	**	1		В		
Panelboards	370	2012		-				
Molded Case Bkrs	95%	2021	\$15,700	5	\$600	В		
Molded Case Bkrs	5%	2038	**	5	φοσο	В		
Wiring								
Thermoplastic	95%	2022	\$14,000	1		В		
Thermoplastic	5%	2042	**	1		В		
Motor Controllers								
Locally Mounted	80%	2020	\$9,900	5	\$100	В		
Locally Mounted	20%	2035	* *	5		В		
Ground								
Grounding Devices								
Not Accessible	100%					D		
Lighting								
Interior Lighting								
Fluorescent	10%	2022	\$4,500	10	\$1,900	В		
	Other Observation, Extent : Moderate, Area Affected : 100% Location : First Floor Locker Room							
	Explanation: Using T-8 Lamps							
Fluorescent	20%	2017	\$8,900	10	\$3,800	В		
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Throughout							
	Explanation: Using T-12 Lamps							
HID	50%	2017	\$6,200	10	\$300	В		
HID	20%	2022	\$2,500	10	\$100	В		

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

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

Asset #: 4197

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 Code
Lighting								
Egress Lighting								
Emergency, Battery	10%			2027	* *	10	\$500	В
Exit, Service	20%			2027	* *	1		В
Exit, Service	70%			2017	\$2,300	1		В
Exterior Lighting								
HID	100%			2022	\$1,400	10	\$100	В
Alarm								
Security System								
No Component	80%							D
Generic	20%			2022	\$15,400	1	\$1,700	В
	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Hallway	S					
	Explanat	tion : Motic	on Sensors Only					

Mechanical	Cı	Current Repair		e Replacement	M		
System Component Type	, , , , , , , ,	l Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Natural Gas	100%		2042	* *	1		В
Conversion Equipment							
Hot Water Boiler	100%		2039	* *	1	\$10,200	В
	Other Observe	ation, Extent : Light, Area	Affected	: 100%			
	Location: B	oiler Room					
	Explanation	: 2 Units					
Distribution							
Hot Wtr Piping/Pump	100%		2044	* *	4	\$1,000	В
Terminal Devices							
Air Handler	50%		2030	* *	1	\$6,400	В
Convector/Radiator	30%		2035	* *	1	\$2,000	В
Fan Coil Unit/Heat	20%		2030	* *	1	\$1,300	В
Air Conditioning						•	
Energy Source							
Electricity	100%		2030	* *	1		В
Conversion Equipment							
Window/Wall Unit	10%		2020	\$4,700	1		В
No Component	90%			. ,			D
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,500	В
Exhaust Fans						+,	
Interior	30%		2030	* *	2	\$200	В
Roof	70%		2030	* *	2	\$400	В
Plumbing	, 0, 0		_000			4.00	
H/C Water Piping							
Brass/Copper	100%		2032	* *	1		В
Бішы сорры	10070		2032				

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

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

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 Code
Plumbing								
Water Heater								
Gas Fired	100%			2015	\$5,300	2	\$300	В
Sanitary Piping		•		•		•		
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Fixtures		•		•		•		
Generic	100%							В
Fire Suppression		•		•		•		
Standpipe								
Generic	100%			2042	* *	1-5	\$10,400	В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BROOKLYN 16 GARAGE GEORGIA AVE.

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

Date of Survey : 20-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 4388 Lot : 28 BIN : 3256631

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$887,500	\$104,200
Interior Architecture	\$264,500	\$139,400
Electrical		\$34,900
Mechanical		\$339,200
Total	\$1,152,100	\$617,600
Priority A	\$887,500	\$104,200
Priority B	\$89,600	\$374,000
Priority C	\$175,000	\$139,400
Total	\$1,152,100	\$617,600

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$4,400	\$3,300		
Interior Architecture	\$70,600			\$600
Electrical		\$600	\$400	\$15,400
Mechanical	\$44,500	\$13,700	\$7,800	\$43,300
Total	\$119,500	\$17,600	\$8,100	\$59,300
Priority A	\$4,400	\$3,300		
Priority B	\$59,400	\$14,300	\$8,100	\$58,700
Priority C	\$55,800			\$600
Total	\$119,500	\$17,600	\$8,100	\$59,300



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

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

Asset #: 4198

chitecture		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 Code
erior	•			•				•
Exterior Walls						_		
Cast in Place Concrete	5%		ф 222 400	LIFE	* *	5	\$10,600	A
Masonry: Brick	80%		\$332,400	LIFE	**	5	\$33,800	A
	Location	n : South Fa						
		r Miss/Eroo n : At Smoke	l, Extent : Modera e Stack	te, Area 1	Affected : 40%			
			t, Extent : Modera ow Openings	te, Area	Affected : 30%			
	Spalling,		derate, Area Affec	ted : 20%	ó			
	Vertical C	Cracks, Exte	oui nt : Moderate, Are , South Facade &					
Metal Coiling Doors	5%	. Ciunuey	, sount acute &	2035	**	5	\$6,600	A
Wood Overhead Doors	10%	Now	\$148,300	2042	* *	5	\$10,600	A
,, 000 0,011000 2 0020	Broken/M		ents, Extent : Seve		Affected : 100%		Ψ10,000	
	Other Ob		xtent : Moderate, 1	Area Affe	ected : 10%			
	Explana	tion : Impa	ct Damage And Re	cent Rep	lacement On The H	East Side		
Windows	1.000/	3.7	Φ222 (00	20.45	* *	-	Φ25 400	
Steel	-	ation, Exter	\$323,600 at : Moderate, Area	2047 a Affected		5	\$35,400	A
		ı : Through						
		ped Elemen 1 : Through	ts, Extent : Modero out	ate, Area	Affected : 25%			
		n/Rusting, E n : Through	xtent : Moderate, A out	Area Affe	ected : 25%			
Parapets Management Deigle	0.507	NI	\$92.200	TIPP	* *	F	Φ4 200	Α.
Masonry: Brick	_	Crumbling,	\$83,300 Extent : Moderate	-		5	\$4,300	A
			cade - Inside Face l, Extent : Modera		Affected: 100%			
			ast Concrete Copi					
			Extent : Moderate,	_				
	Location	n : South Fa	cade					
Pre-Cast Concrete	5%	Now	\$4,400	LIFE	* *	5	\$1,400	A
		r Miss/Eroo 1 : Through	l, Extent : Modera out	te, Area I	Affected : 90%			
Roof								
Modified Bitumen	100%			2032	* *	10	\$68,700	A
		-	ent, Extent : Light,	Area Aff	ected : 100%			
	Location	ı : Through	out					

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 #: 4198

Architecture		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 Code
nterior								
Floors						_		
Cast in Place Concrete	-			LIFE ea Affect	* * ed : 10%	5	\$94,700	С
Vinyl Tile		issing Elen	\$13,400 nents, Extent : Modal Room, Lunch Ro		\$44,700 rea Affected : 25%	3	\$1,800	С
Interior Walls								
Ceramic Tile			\$1,400 Extent : Light, Are out	2031 ea Affect	* * ed : 10%	5	\$500	С
Concrete Masonry Unit	25%			LIFE	* *	5	\$2,000	С
Masonry: Brick			\$175,000 Extent : Moderate out	LIFE , Area Ą	* * ffected : 30%			С
Plaster		netration, E	\$8,800 Extent : Severe, Area Floor Locker Room		* * d : 10%	5	\$1,500	С
Ceilings								
AcousTileConcealSpLn	Cracking/		\$5,400 Extent : Light, Are out	2027 ea Affect	* * ed : 20%	5	\$4,500	В
AcousTileSusp.Lay-In		issing Elen	\$9,400 nents, Extent : Mod al Room And Office		* * rea Affected : 25%	5	\$2,400	В
Exposed Concrete			\$36,200 Extent : Light, Are out	LIFE ea Affect	* * ed : 10%	5	\$3,000	В
Exposed Struc: Steel	30%			LIFE	* *			В
Exposed Struc: Steel	5% Corrosion	4+ a/Rusting, E	\$53,400 Extent : Moderate, A Floor Locker Room	LIFE Area Affe	* * ected : 10%			В

Electrical	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts		•				
Service Equipment						
Fused Disc Sw	100%	2022	\$3,000	5	\$200	В
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location: Electrical Room					
	Explanation: One 1200 Amps And O	ne 800 An	ips Main Disconne	ect Switch	h	
Switchgear / Switchboard						
Fused Disc Sw	100%	2022	\$19,400	5	\$200	В

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

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

Electrical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Inder 600 Volts						
Raceway						
Conduit	90%	2022	\$19,000	1		В
Conduit	10%	2032	* *	1		В
Panelboards						
Fused Disc Sw	15%	2021	\$3,300	5	\$100	В
Molded Case Bkrs	65%	2021	\$14,300	5	\$600	В
Molded Case Bkrs	20%	2030	* *	5	\$200	В
Wiring						
Thermoplastic	90%	2032	* *	1		В
Thermoplastic	10%	2032	* *	1		В
Motor Controllers						
Locally Mounted	80%	2020	\$16,600	5	\$200	В
Locally Mounted	20%	2027	* *	5		В
Ground						
Grounding Devices						
Not Accessible	100%					D
Lighting						
Interior Lighting						
Fluorescent	50%	2022	\$34,900	10	\$14,700	В
	Other Observation, Extent : Mode	rate, Area Affecte	d : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
Fluorescent	50%	2030	* *	10	\$14,700	В
	Other Observation, Extent: Mode	rate, Area Affecte	d : 100%			
	Location: Garrage					
	Explanation: T-5 Lamps					
Egress Lighting						
Emergency, Battery	50%	2017	\$6,500	10	\$3,900	В
Exit, Service	50%	2017	\$2,600	1		В
Exterior Lighting						
HID	100%	2017	\$2,200	10	\$100	В
Lightning Protection						
Arresters/Cabling						
Generic	100%	2025	* *	5	\$700	В

Mechanical	Current Repair	Future Replacement	N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	t Cycle (Yrs)	Estimated Cost	Priority Code
Heating					
Energy Source					
Fuel Oil No 2	100%	2032 *	* 5	\$10,000	В
	Buried Tank(s), Extent : Light, Area Afj	fected : 100%			
	Location: One Tank - 10,000 Gallons	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.

Asset #: 4198

Mechanical	Current Repair	Future I	Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating Conversion Equipment Steam Boiler	100% Other Observation, Extent : Moder Location : Boiler Room Explanation : One Unit	2039 rate, Area Affecto	* * ed : 100%	1	\$31,900	В
Distribution Steam Piping/Pump	100% Now \$25,0 Corroded, Extent : Severe, Area Af Location : Boiler Room Steam Traps Faulty, Extent : Mode Location : Throughout	fected : 60%	* * ted : 10%	4	\$1,600	В
Terminal Devices Air Handler	40% Now \$7,7 Unit Inoperable, Extent : Severe, A Location : Garage		\$77,100	1	\$7,200	В
Convector/Radiator	30%	2020	\$101,400	1	\$3,100	В
Fan Coil Unit/Heat	30%	2022	\$160,700	1	\$3,100	В
Air Conditioning Energy Source Electricity	100%	2038	* *	1		В
Conversion Equipment Window/Wall Unit No Component	15% 85%	2017	\$11,000	1		B D
Ventilation Distribution Ductwork/Diffusers	100%	LIFE	**	2-5	\$17,900	В
Exhaust Fans Interior Roof	40% 60%	2022 2017	\$15,800 \$17,100	2 2	\$400 \$600	B B
Plumbing H/C Water Piping Galv Iron/Steel	100%	2027	* *	1		В
Water Heater Gas Fired	100%	2015	\$8,300	2	\$500	В
Sanitary Piping Cast Iron Storm Drain Piping	100%	LIFE	* *	1		В
Cast Iron	100%	LIFE	* *	1		В
Sump Pump(s) Submersible	100%	2014	\$6,100	4	\$2,000	В
Fixtures Generic	100% Obsolete Fixtures, Extent : Severe, Location : Throughout	Area Affected :	100%			В
Fire Suppression Standpipe Generic	100%	2032	* *	1-5	\$16 800	R
Generic	100%	2032	* *	1-5	\$16,800	В

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

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

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DEPARTMENT OF SANITATION - 827 BROOKLYN 16 GARAGE GEORGIA AVE.

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BROOKLYN 17/18 SANITATION GARAGE

Address : 105-01 FOSTER AVE.

Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 29-Jul-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 5426 Lot : 1 BIN : 3378181

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$919,600	\$122,300
Interior Architecture	\$457,100	\$439,500
Electrical	\$64,200	\$861,700
Mechanical	\$242,800	
Total	\$1,683,700	\$1,423,500
Priority A	\$919,600	\$122,300
Priority B	\$512,000	\$861,700
Priority C	\$252,100	\$439,500
Total	\$1,683,700	\$1,423,500

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$39,600			
Interior Architecture	\$27,200			\$800
Electrical	\$8,200	\$7,300	\$26,800	\$8,400
Mechanical	\$24,100	\$15,500	\$62,200	\$16,000
Total	\$99,100	\$22,800	\$89,000	\$25,200
Priority A	\$39,600			
Priority B	\$32,300	\$22,800	\$89,000	\$24,400
Priority C	\$27,200			\$800
Total	\$99,100	\$22.800	\$89,000	\$25,200



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

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

Asset #: 4136

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 Code
xterior								
Exterior Walls Masonry: Brick		Now Trumbling, Through	\$78,300 Extent : Light, Are	LIFE ea Affecte	* * ed : 20%	5	\$47,700	A
Metal Coiling Doors		_	\$285,800 nents, Extent : Ligh out	2026 t, Area A	* * ffected : 20%	5	\$74,600	A
Windows Aluminum	Location	: Through	\$79,600 ts, Extent : Modero out tents, Extent : Mod			5	\$2,800	A
	Location	oken/Crac : Through Missing, E	ked, Extent : Mode out Extent : Moderate, A					
Parapets								
Concrete Masonry Unit	15% Cracking/C Location	_	\$5,700 Extent : Light, Ard out	LIFE ea Affecto	* * ed : 20%	5	\$2,200	A
Masonry: Brick			\$33,800 extent : Severe, Are Common Parapet	LIFE a Affecte	* * d : 15%	5	\$2,600	A
No Component	65%							D
Roof Built-Up (BUR)			\$394,100 Extent : Moderate, A ad Floor Wall	2026 Area Affe	* * cted : 5%			A
Skylight, Plastic	5%	Now ged Flash	\$81,800 ings, Extent : Mod	2034 erate, Ar	* * rea Affected : 15%	1		A
terior								
Floors Cost in Place Concrete	9 / 00/			LIDE	* *	5	¢266 000	C
Cast in Place Concrete Ceramic Tile	80% 3%	Now	\$27,200	LIFE 2024	**	5 5	\$366,800 \$3,100	C C
Ceranic Tite		rumbling,	Extent : Light, Are			5	φ3,100	C
Quarry Tile	14% Cracking/C Location		\$91,300 Extent : Light, Are out	2026 ea Affect	* * ed : 20%	5	\$22,000	С
Vinyl Tile	3% Broken/Mis Location	_	\$58,500 nents, Extent : Seve	2031 re, Area	* * Affected : 100%	3	\$2,400	С

Maintenance \$ are aggregated over a ten-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 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 Code
Interior								
Interior Walls								
Concrete Masonry Unit	80%			LIFE	* *	5	\$72,700	C
SGFT/Glazed Masonry	20%	Now	\$102,300	LIFE	* *			C
	Cracking/	Crumbling,	Extent : Light, Are	ea Affecte	ed : 20%			
	Location	ı : Through	out					
Ceilings								
AcousTileSusp.Lay-In	15%	Now	\$205,000	2041	* *	5	\$15,700	В
	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 20%			
	Location	ı : Office, L	ocker Room And C	Corridors				
Exposed Struc: Steel	85%			LIFE	* *			В
	Corrosion	/Rusting, E	Extent : Light, Area	Affected	: 10%			
	Location	i : Through	out					

Current Rep	pair Futur	Future Replacement		aintenance	
% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
100%	2041	* *	5	\$600	В
Other Observation, Exte	ent : Moderate, Area Affe	cted : 100%			
Location : Electrical F	Room				
Explanation: Two 200	00 Amps Main Disconnec	rt Switch			
100%	2041	* *	5	\$600	В
100%	2041	* *	1		В
5%	2037	* *	5	\$200	В
95%	2037	* *	5	\$3,500	В
100%	2041	* *	1		В
20%	2019	\$5,200	5	\$200	В
80%	2034	* *	5	\$3,100	В
100%	LIFE	* *	5	\$2,100	В
	% of Total (Years) 100% Other Observation, Externation: Two 200 100% 100% 5% 95% 100% 20% 80%	100% 2041	% of Total Fail Date (Years) Estimated Cost FY Year FY Estimated Cost FY 100% 2041 ** Other Observation, Extent: Moderate, Area Affected: 100% Location: Electrical Room Explanation: Two 2000 Amps Main Disconnect Switch 100% 2041 ** 5% 2037 ** 95% 2037 ** 100% 2041 ** 20% 2041 ** 20% 2019 \$5,200 80% 2034 **	% of Total Fail Date (Years) Estimated Cost (Year FY) Year FY Estimated Cost (Yrs) Cycle (Yrs) 100% 2041 ** 5 Other Observation, Extent: Moderate, Area Affected: 100% Location: Electrical Room Explanation: Two 2000 Amps Main Disconnect Switch 100% 2041 ** 5 100% 2041 ** 5 95% 2037 ** 5 100% 2041 ** 5 100% 2041 ** 5 2037 ** 5 5 100% 2041 ** 1 20% 2019 \$5,200 5 80% 2034 ** 5	No of Total Fail Date Estimated Cost Total (Years) Estimated Cost FY Estimated Cost (Yrs) Estimated Cost (Yrs)

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 #: 4136

Electrical	Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting							
Interior Lighting							
Fluorescent	50%		2026	* *	10	\$64,200	В
	Other Observation, I	Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Through	nout					
	Explanation: Usin	g T-8 Lamps					
HID	50%		2026	* *	10	\$2,300	В
	Other Observation, I	Extent : Moderate, A	Area Affe	ected : 90%			
	Location : Garage						
	Explanation: Sodi	um And Mercury La	ımps				
Egress Lighting							
Emergency, Battery	50%		2026	* *	10	\$16,900	В
Exit, Service	50%		2026	* *	1		В
Exterior Lighting							
HID	100%		2026	* *	10	\$400	В
Alarm							
Security System							
No Component	20%						D
Generic	80%		2021	\$377,300	1	\$41,900	В
Fire/Smoke Detection							
No Component	70%						D
Generic	30%		2021	\$484,400	1-3	\$25,900	В

Mechanical	Current Repair	Future Repla	Future Replacement Maintenance		aintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating							
Energy Source							
Natural Gas	85%	2041	* *	1		В	
Interruptible Gas/Dual	15%	2041	* *	1		В	
Fuel							
Conversion Equipment							
Furnace	85%	2026	* *	1	\$59,000	В	
	Other Observation, Extent: Light,	Area Affected : 85%					
	Location : Throughout						
	Explanation: 18 Exterior Units (On Roof, Approximate	ely 40 Smal	l Units In	ı Garage		
Hot Water Boiler	15%	2034	* *	1	\$10,400	В	
	Other Observation, Extent: Light,	Area Affected : 15%			, ,		
	Location : Boiler Room	•••					
	Explanation: 2 Units						
Distribution	1						
Hot Wtr Piping/Pump	15%	2029	* *	4	\$1,000	В	
No Component	85%				, ,	D	
Terminal Devices							
Convector/Radiator	15%	2026	* *	1	\$6,800	В	
No Component	85%				. ,	D	
A : C 1'4'							

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.

Mechanical		Current F	Repair	Future Replacement Maintenance		aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning	•							•
Energy Source								
Electricity	100%			2037	* *	1		В
Conversion Equipment								
Ext Pkg Unit - Cooling	10%		\$72,000	2031	* *	2	\$700	В
			re, Area Affected :	5%				
		n : District I	7 Roof					
Window/Wall Unit	5%			2016	\$16,000	1		В
No Component	85%							D
Ventilation								
Distribution	4.0007		#121		de de		Φ=0.4.00	-
Ductwork/Diffusers	100%		\$134,600	LIFE	* *	2-5	\$78,100	В
			evere, Area Affecte	a : 20%				
	Locatioi	ı : Garage						
Exhaust Fans	1.000/			2026	* *	2	¢4.200	D
Roof	100%			2026		2	\$4,300	В
Plumbing H/C Water Piping								
Brass/Copper	100%			2031	* *	1		В
Water Heater	10070			2031		1		ъ
Gas Fired	100%	Now	\$3,600	2016	\$36,300	2	\$1,700	В
Gus i ned			: Severe, Area Affe			_	Ψ1,700	Ь
			18 Mechanical Roc					
Sanitary Piping								
Cast Iron	100%	0-2	\$6,800	LIFE	* *	1		В
			Extent : Moderate, 1		ected : 10%			
	Location	ı : Water Bo	ackup On Garage I	Floor Du	ring Heavy Rain			
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Fire Suppression								
Standpipe								
Generic	100%			2031	* *	1-5	\$70,700	В
0 ' 11								
Sprinkler Generic	100%			2031	* *		\$39,300	В

Page: 63

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BROOKLYN 6 GARAGE BK S6

Address : 127 2ND AVENUE

Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 14-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1020 Lot : 1 BIN : 3022747

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$522,500	\$62,800
Interior Architecture	\$225,700	\$122,500
Mechanical		\$394,100
Total	\$748,200	\$579,300
Priority A	\$522,500	\$62,800
Priority B		\$394,100
Priority C	\$225,700	\$122,500
Total	\$748,200	\$579,300

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture		\$8,400		
Interior Architecture	\$33,600	\$400	\$500	\$2,700
Electrical		\$200	\$400	\$16,000
Mechanical	\$51,200	\$13,700	\$6,100	\$4,200
Total	\$84,800	\$22,700	\$7,000	\$23,000
Priority A		\$8,400		
Priority B	\$79,800	\$13,900	\$6,400	\$20,200
Priority C	\$4,900	\$400	\$500	\$2,700
Total	\$84,800	\$22,700	\$7,000	\$23,000



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

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

Asset #: 4193

rchitecture	Current	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior							
Exterior Walls					_		
Concrete Masonry Unit	Jnt Mortar Miss/Ero Location : East Fo Misaligned/Bulging	icade, North Facado od, Extent : Light, A icade, South Facado	e, South F rea Affect e, North F a Affected	Tacade ted : 15% Tacade 1 : 5%	5	\$7,200	A
Masonry: Brick	55% Now	\$208,700	LIFE	* *	5	\$21,200	A
Metal Coiling Doors Wood Overhead Doors	Cracking/Crumbling Location: South F Jnt Mortar Miss/Erc Location: Throug Misaligned/Bulging Location: South F Rusting Masonry Su Location: Window Spalling, Extent: M Location: South F 10% 5% Now Dry Rot/Decay, Exte Location: Throug Punct/Tear/Impact I Location: Throug Split/Cracked, Exter Location: Throug	g, Extent : Moderate Facade od, Extent : Modera hout , Extent : Moderate, Facade opt, Extent : Modera v Openings oderate, Area Affec Facade \$67,700 ent : Moderate, Area hout Damage, Extent : M hout nt : Moderate, Area	e, Area A <u>f</u> te, Area A Area Aff te, Area A ted: 10% 2035 2042 a Affected	Affected: 50% Sected: 10% Affected: 50% ** ** 1: 50% Area Affected: 259	5 5	\$12,000 \$4,800	A A
Windows	Location . Through						
Aluminum	30%		2030	* *	5	\$1,600	Α
Steel	70% Now Air Infiltration, Exte Location: South F Corrosion/Rusting, Location: Throug Deteriorated Finish Location: Throug Glazing Broken/Cra Location: Throug	Tacade Extent : Moderate, A hout , Extent : Moderate, hout acked, Extent : Mode	2047 a Affected Area Affe Area Aff	cted : 50% ected : 50%	5	\$22,700	A
Parapets			· 				
Concrete Masonry Unit	30%		LIFE	* *	5	\$1,400	A
Masonry: Brick	30% Recent Repair Evide Location : Throug	_	LIFE Area Affec	* * eted : 20%	5	\$1,200	A
Masonry: Limestone	5%		LIFE	* *	5	\$300	A
Transcing, Dillionolle							
Pre-Cast Concrete	5%		LIFE	* *	5	\$1,300	Α

Maintenance \$ are aggregated over a ten-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 F	Repair	Future Replacement Maintenand		aintenance	ce	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Roof	1000/			2022	* *	10	φ. ςς 0.00	
Modified Bitumen		place Evide 1 : Through	ent, Extent : Light, out	2032 Area Affa		10	\$62,800	A
Interior								
Floors								
Cast in Place Concrete	Location Worn/Ero	Crumbling, a: Through	: Moderate, Area			5	\$81,700	С
Mosaic Tile	5%	i. Inrough	Oui	2027	* *	5	\$5,500	C
Vinyl Tile	10%			2027	\$40,900	3	\$1,600	C
Interior Walls	1070			2022	ψ+0,200		Ψ1,000	
Ceramic Tile	5%			2025	* *	5	\$900	C
Concrete Masonry Unit	15%	Now	\$4,900	LIFE	* *	5	\$1,100	C
·		Cracks, Ex 1: At Annex	tent : Moderate, Ar x	ea Affec	ted : 10%			
Gypsum Board	15%			LIFE	* *	5	\$1,600	С
Masonry: Brick	25%	Now	\$59,200	LIFE	* *		. ,	C
	Location Spalling, I	: Through	Extent : Severe, A out East Wall And derate, Area Affect	Northea	st Corner			
Masonry: Brick	40%			LIFE	* *			С
Ceilings	- , •							-
AcousTileSusp.Lay-In	Location	Discoloring, a: Through	\$28,600 Extent : Moderate out : Moderate, Area			5	\$2,200	В
		: Through		-				
Exposed Concrete	70%			LIFE	* *	5	\$4,800	В
Exposed Struc: Steel	20%			LIFE	* *	٢	ф., 300	В
	2370							

Electrical	Current Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts		•				•
Service Equipment						
Fused Disc Sw	100%	2022	\$1,600	5	\$100	В
	Other Observation, Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation : Main Service Switch Ra	ted @ 12	00 Amperes			
Switchgear / Switchboard						
Fused Disc Sw	100%	2022	\$19,400	5	\$100	В

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

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

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Raceway						
Conduit	100%	2022	\$21,100	1		В
Panelboards						
Fused Disc Sw	2%	2021	\$300	5		В
Molded Case Bkrs	80%	2021	\$13,200	5	\$700	В
Molded Case Bkrs	18%	2030	* *	5	\$200	В
Wiring						
Thermoplastic	80%	2022	\$11,800	1		В
Thermoplastic	20%	2032	* *	1		В
Motor Controllers						
Locally Mounted	80%	2020	\$13,300	5	\$200	В
Locally Mounted	20%	2027	* *	5		В
Ground						
Grounding Devices						
Not Accessible	100%					D
Lighting						
Interior Lighting						
Fluorescent	40%	2022	\$25,500	10	\$10,800	В
	Other Observation, Extent : Moder	ate, Area Affec	rted : 100%			
	Location : Locker Rooms And Off	fices				
	Explanation: T-8 Lamps					
Fluorescent	10%	2017	\$6,400	10	\$2,700	В
	Other Observation, Extent : Moder	ate, Area Affec			, , ,	
	Location : Offices					
	Explanation : T-12 Lamps					
HID	50%	2022	\$8,800	10	\$500	В
Egress Lighting						
Exit, Service	100%	2017	\$4,800	1		В
Exterior Lighting						
HID	100%	2017	\$2,000	10	\$100	В

Mechanical	Current Repair	Future Repla	acement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Interruptible Gas/Dual	100%	2032	* *	1		В
Fuel						
Conversion Equipment						
Hot Water Boiler	100%	2027	* *	1	\$14,600	В
	Other Observation, Extent: Ligh	t, Area Affected : 100%	ó			
	Location: 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 #: 4193

Mechanical	Cu	rrent Repair	Future Replacement		Maintenance			
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating								
Distribution Steam Piping/Pump		ow \$22,800 ent : Moderate, Area Affe aroughout	2032 ected : 10%	* *	4	\$1,500	В	
Terminal Devices								
Air Handler	50%		2022	\$88,100	1	\$9,100	В	
Convector/Radiator		ow \$6,200 ent : Moderate, Area Affe aroughout	2020 ected : 10%	\$61,700	1	\$1,700	В	
Fan Coil Unit/Heat	30%		2022	\$146,700	1	\$2,900	В	
Air Conditioning								
Energy Source Electricity	100%		2030	* *	1		В	
Conversion Equipment Reciprocating Compr/Chiller	5%		2022	\$5,500	1	\$700	В	
	R-22 Refrigera Location : Ge	ınt, Extent : Light, Area A arage	Affected : .	10%				
Ext Pkg Unit - Cooling	5%		2030	* *	2	\$100	В	
Window/Wall Unit	15%		2015	\$10,100	1		В	
No Component	75%						D	
Terminal Devices								
Direct Expansion	5%		2022	\$1,300	1		В	
No Component	95%						D	
Heat Rejection Air Condenser Unit	5 0/		2022	0000	2	¢1 000	D	
No Component	5% 95%		2022	\$800	2	\$1,000	B D	
Ventilation	9370						D	
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$16,400	В	
Exhaust Fans						, -,		
Interior	10%		2022	\$3,600	2	\$100	В	
Roof	90%		2027	* *	2	\$800	В	
Plumbing								
H/C Water Piping								
Brass/Copper	100%		2022	\$97,600	1		В	
Water Heater Gas Fired		ow \$7,600 ife, Extent : Moderate, A	2022 rea Affect	\$7,600 red: 100%	2	\$400	В	
	Location: Be	tion, Extent : Severe, Are						
Sanitary Piping	-	<u> </u>						
Cast Iron	100%		LIFE	* *	1		В	
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		В	

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

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

Mechanical	Current F	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing							
Fixtures							
Generic	100%						В
Fire Suppression Standpipe Generic	100% Now	\$11,700	2032	**	1-5	\$10,400	В
	Not in Service, Exten Location : Through	t : Severe, Area Aff		00%		, - 3, - 2	

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Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 28-Jul-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 803 Lot : 5 BIN : 3332515

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$997,200	\$144,200
Interior Architecture	\$499,100	\$153,200
Electrical	\$343,900	\$36,000
Mechanical	\$567,500	\$373,900
Total	\$2,407,700	\$707,400
Priority A	\$997,200	\$144,200
Priority B	\$1,042,000	\$410,000
Priority C	\$368,600	\$153,200
Total	\$2,407,700	\$707,400

Total	\$195,900	\$10,500	\$74,400	\$13,500
Priority C	\$45,600			\$2,800
Priority B	\$84,800	\$10,500	\$74,400	\$10,700
Priority A	\$65,500			
Total	\$195,900	\$10,500	\$74,400	\$13,500
Mechanical	\$83,900	\$7,800	\$67,700	\$8,500
Electrical	\$900	\$2,700	\$6,700	\$2,200
Interior Architecture	\$45,600			\$2,800
Exterior Architecture	\$65,500			
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



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

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

Architecture	Current Repair			Futur	re Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls	4.507			LIDE	ماد ماد	_	Φ.5.2. 7.0.0	
Masonry: Brick Metal Panel	45% 5%	Now	¢4.500	LIFE 2031	* *	5 5	\$52,700	A
Metai Panei	Deformed		\$4,500 ktent : Light, Area I out			3	\$11,000	A
Metal Coiling Doors		Now Dented, Ex : Through	\$701,300 ktent : Moderate, A out	2026 rea Affe	* * cted : 15%	5	\$91,500	A
	_	erable, Exte a : Through	ent : Moderate, Are out	a Affecte	ed : 20%			
Windows								
Aluminum	Location Glazing B	: Through	ked, Extent : Mode			5	\$7,900	A
Parapets	2000000							
Masonry: Brick	60%			LIFE	* *	5	\$3,700	Α
Metal Rail	40%			2034	* *	5-10	\$45,000	A
Roof Modified Bitumen		Now netration, E n : Through	\$33,700 Extent : Moderate, A out	2026 Area Affe	* * ected : 2%			A
nterior								
Floors Cast in Place Concrete			\$104,200 Extent : Light, Are	LIFE ea Affect	* * ed : 20%	5	\$153,200	С
Ceramic Tile	3%			2024	* *	5	\$3,000	С
Steel Grating	5%	Now	\$59,500	2041	* *	1		C
		issing Elem : Through	ents, Extent : Ligh out	t, Area A	Affected : 30%			
Vinyl Tile	Location Broken/M	: Various issing Elem	\$204,900 tent : Moderate, A Locations,Corrido tents, Extent : Mod out, Corridors	rs,Cafete	eria	3	\$8,300	С
	Worn/Ero	ded, Extent	: Moderate, Area 2 out, Corridors, Ca					

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

Asset #: 2790

Architecture		Current Repair			e Replacement	M	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Interior									
Interior Walls									
Ceramic Tile	3%		\$14,000	2024	* *	5	\$600	C	
		issing Elem 1 : Through	nents, Extent : Ligh out	t, Area A	ffected : 30%				
Concrete Masonry Unit	40%	Now	\$30,100	LIFE	* *	5	\$6,500	С	
	Vertical C	Cracks, Exte	nt : Moderate, Are	a Affecte	d : 5%				
	Location	ı : Through	out Garage Area						
SGFT/Glazed Masonry	57%			LIFE	* *			С	
Ceilings									
AcousTileSusp.Lay-In	20%	Now	\$130,500	2041	* *	5	\$10,000	В	
	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 20%				
	Location	ı : Through	out						
	_	Discoloring, 1 : Through	, Extent : Moderate out	, Area A	ffected : 95%				
		netration, E 1 : Through	xtent : Moderate, A out	Area Affe	cted : 70%				
	Worn/Ero	ded, Extent	: Moderate, Area	Affected .	: 70%				
		ı : Through							
Exposed Struc: Steel	80%			LIFE	* *			В	
•	Corrosion	/Rusting, E	xtent : Light, Area	Affected	: 10%				
	Location	ı : Through	out						
	Water Per	netration, E	xtent : Light, Area	Affected	: 20%				
	Location	ı : Through	out						

lectrical	Current I	Repair	Futur	e Replacement	M	aintenance	
vstem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2021	\$15,600	5	\$300	В
	Other Observation, E	Extent : Moderate, A	rea Affe	ected : 100%			
	Location : Electrica	al Room					
	Explanation: Two	1600 Amps Main Di	isconnec	et Switch			
Switchgear / Switchboard							
Fused Disc Sw	100%		2021	\$29,100	5	\$300	В
Raceway							
Conduit	100%		2021	\$36,000	1		В
Panelboards							
Fused Disc Sw	5%		2020	\$1,400	5	\$100	В
Molded Case Bkrs	95%		2020	\$26,200	5	\$1,900	В
Wiring							
Thermoplastic	100%		2021	\$26,700	1		В
Motor Controllers							
Locally Mounted	20%		2019	\$8,300	5	\$100	В
Motor Control Center	80%		2019	\$33,100	5	\$1,600	В

Ground

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

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

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

Asset #: 2790

Electrical		Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$1,100	В
Lighting								
Interior Lighting								
Fluorescent	50%			2029	* *	10	\$30,700	В
	Other Obse	ervation, Exte	nt : Moderate, A	Area Affe	cted : 100%			
	Location	: Offices, Loc	ker Room, Hall	way And	Bath Room			
	Explanati	ion : Using T-	-8 Lamps					
HID	50%			2029	* *	10	\$1,100	В
Egress Lighting								
Emergency, Service	50%			2029	* *	1		В
Exit, Service	50%			2021	\$5,400	1		В
Exterior Lighting								
HID	100%			2016	\$4,500	10	\$200	В
Alarm								
Fire/Smoke Detection								
No Component	60%							D
Generic	40%	Now	\$343,900	2031	* *	1-3	\$16,700	В
	Not in Serv	rice, Extent : l	Moderate, Area	Affected	: 100%			
	Location	: Throughout						

Mechanical	Current Repair			Futur	e Replacement	Ma		
System Component Type	% of Total	Fail Date Estin (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Fuel Oil No 2	100%			2031	* *	5	\$20,700	В
Conversion Equipment								
Hot Water Boiler	100%			2038	* *	1	\$33,200	В
	Other Obse	ervation, Extent	: Light, Area	Affected	: 100%			
	Location	: Boiler Room						
	Explanat	ion: 2 Units						
Distribution								
Hot Wtr Piping/Pump	100%			2020	\$373,900	4	\$3,300	В
Terminal Devices								
Air Handler	10%			2026	* *	1	\$4,100	В
Convector/Radiator	20%			2026	* *	1	\$4,300	В
Unit Heater-Stm/HW	70%	Now	\$33,700	2016	\$336,500	4	\$4,300	В
	Not in Serv	ice, Extent : Sev	ere, Area Aff	ected : 2	0%			
	Location	: Garage						
Air Conditioning								
Energy Source								
Electricity	100%			2029	* *	1		В

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

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

DEPARTMENT OF SANITATION - 827 BROOKLYN 7/10 GARAGE

Asset #: 2790

Mechanical		Current F	Repair	Future	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment	500 /	NT	φ1 71 000	2021	* *	2	¢1.700	D
Ext Pkg Unit - Cooling	50%		\$171,800 Extent : Severe, Are	2031		2	\$1,700	В
	Location		xieni . Severe, Are	и Ајјесте	a. 5076			
			nits On Extended L	ife - 8 No	ot In Service			
Window/Wall Unit	10%		on Emenaed E	2016	\$15,300	1		В
No Component	40%			2010	Ψ13,300	1		D
Ventilation	1070							
Distribution								
Ductwork/Diffusers	100%	Now	\$32,100	LIFE	* *	2-5	\$37,300	В
	Damaged,	Extent: M	oderate, Area Affe	cted : 109	%			
	Location	: Garage						
		eriorating, ı : Office C	Extent : Moderate, eiling	Area Aff	ected : 2%			
Exhaust Fans		33						
Roof	100%	Now	\$5,900	2016	\$59,200	2	\$1,700	В
	Not in Ser Location		t : Severe, Area Aff				, ,	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	* *	1		В
Water Heater								
Gas Fired	100%			2016	\$17,300	2	\$1,000	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								_
Cast Iron	100%		\$5,200	LIFE	**	1		В
		00	Extent : Severe, Are	a Affecte	d: 10%			
	Location	: Garage						
Sump Pump(s)	1,000/			2021	¢10.100	4	¢1 200	D
Rigid Piping	100%	rabla Ext	ent : Severe, Area A	2021	\$10,100	4	\$1,300	В
	_	: rabie, Exie 1 : Basemen		ујестеи.	30/0			
Backflow Preventer	Locuitor	. Dusemen) b					
Generic	100%			2021	\$7,200	1	\$4,100	В
Fixtures	100/0			2021	Ψ1,200	1	ψ τ ,100	ע
Generic	100%							В
Fire Suppression	100/0							
Standpipe								
Generic	100%			2031	* *	1-5	\$33,800	В
Sprinkler								
No Component	20%							D
Generic	80%			2031	* *	1-2	\$15,000	В

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

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

Page: 74

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BROOKLYN 8 SANITATION GARAGE

Address : 1760 ATLANTIC AVENUE

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 : 29-Jul-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 1336 Lot : 18 BIN : 3330693

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$256,600	\$36,300
Interior Architecture	\$311,800	\$56,400
Mechanical	\$97,300	\$95,500
Total	\$665,800	\$188,300
Priority A	\$256,600	\$36,300
Priority B	\$298,400	\$95,500
Priority C	\$110,800	\$56,400
Total	\$665,800	\$188,300

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$51,500			
Interior Architecture	\$90,600			\$1,500
Electrical	\$2,600	\$1,700	\$1,900	\$2,200
Mechanical	\$11,900	\$3,900	\$20,000	\$4,400
Total	\$156,700	\$5,500	\$21,900	\$8,100
Priority A	\$51,500			
Priority B	\$14,600	\$5,500	\$21,900	\$6,600
Priority C	\$90,600			\$1,500
Total	\$156,700	\$5,500	\$21,900	\$8,100



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

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

Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Exterior				
Exterior Walls Concrete Masonry Unit	50% Now \$78,800 Water Penetration, Extent : Moderate, L Location : East Facade At Entrance L		5 \$14,500	A
Metal Coiling Doors	50% Now \$139,100 Bent/Warped Elements, Extent : Light, Location : Throughout	2026 * * Area Affected : 10%	5 \$36,300	A
Windows				
Aluminum	100% Now \$29,300 Broken/Missing Elements, Extent: Mod Location: 2nd Floor Lunchroom	2037 ** Terate, Area Affected : 20%	5 \$3,100	A
Parapets				
Concrete Masonry Unit	100% Now \$7,200 Int Mortar Miss/Erod, Extent: Modera Location: Throughout Miss/Damaged Copings, Extent: Mode Location: West Facade Water Penetration, Extent: Moderate, Location: West Facade	rate, Area Affected : 5%	5 \$2,800	A
DesiG	Location : West Facaae			
Roof Built-Up (BUR)	97% Now \$38,700 Blisters, Extent: Moderate, Area Affect Location: 2nd Floor Roof Worn/Eroded, Extent: Moderate, Area			A
	Location: Throughout			
Skylight, Metal/Glass	3% Now \$14,900 Water Penetration, Extent : Moderate, A Location : Roof	2041 ** Area Affected : 5%		Α
nterior				
Floors Cast in Place Concrete	65% Now \$19,200 Cracking/Crumbling, Extent : Light, Ar Location : Throughout	LIFE ** ea Affected : 10%	5 \$56,400	С
Ceramic Tile	5% Now \$12,900 Broken/Missing Elements, Extent: Mod Location: Shower Rooms	2030 ** Verate, Area Affected : 30%	5 \$1,000	С
Vinyl Tile	30% Now \$110,800 Broken/Missing Elements, Extent: Mod Location: Throughout Corridors, 1st	==	3 \$4,500 in Room & Locker Rooms	С

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

^{**} 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 Code
Interior								
Interior Walls								
Ceramic Tile	5%	Now	\$4,600	2030	* *	5	\$400	C
	Broken/Mi	ssing Elem	ents, Extent : Mod	erate, Ar	rea Affected : 20%			
	Location	: Shower I	Rooms					
Concrete Masonry Unit	65%	4+	\$19,400	LIFE	* *	5	\$4,200	С
,	Cracking/C	Crumbling,	Extent : Light, Are	ea Affecte	ed : 10%		. ,	
	O	: Through	0 .	33				
Gypsum Board	30%	Now	\$34,500	LIFE	* *	5	\$2,900	C
	Punct/Tear	/Impact D	amage, Extent : Mo	oderate, .	Area Affected : 25	%		
	Location	: Offices	<u> </u>					
Ceilings								
AcousTileSusp.Lay-In	30%	Now	\$77,600	2041	* *	5	\$6,000	В
	Broken/Mi	ssing Elem	ents, Extent : Mod	erate, Ar	rea Affected : 50%			
	Location	: 1st Floor	r, 2nd Floor Throu	ghout				
	Staining/D	iscoloring.	Extent : Moderate	. Area A	ffected : 60%			
	U	0.	2nd Floorsthrough					
Exposed Struc: Steel	70%	4+	\$123,400	LIFE	* *			В
1	Corrosion/	Rusting, E	xtent : Moderate, A	Area Affe	cted : 40%			
		: Through		33				

Electrical	Current Repair	Future R	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2031	* *	5	\$100	В
	Other Observation, Extent Location : Electrical Roo		l : 100%			
	Explanation : One 800 Ar	nps Main Disconnect Swi	tch			
Switchgear / Switchboard						
Fused Disc Sw	100%	2031	* *	5	\$100	В
Raceway						
Conduit	100%	2031	* *	1		В
Panelboards						
Fused Disc Sw	5%	2029	* *	5		В
Molded Case Bkrs	95%	2029	* *	5	\$700	В
Wiring						
Thermoplastic	100%	2031	* *	1		В
Motor Controllers						
Locally Mounted	100%	2026	* *	5	\$200	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$400	В

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	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting						
Interior Lighting						
Fluorescent	40%	2031	* *	10	\$9,700	В
	Other Observation, Extent: Moderate	, Area Affe	cted : 100%			
	Location: Throughout					
	Explanation: Using T-8 Lamps					
HID	60%	2031	* *	10	\$500	В
	Other Observation, Extent: Moderate	, Area Affe	cted : 100%			
	Location: Garage					
	Explanation: Mercury, Sodium					
Egress Lighting						
Emergency, Service	50%	2031	* *	1		В
Exit, Service	50%	2021	\$2,100	1		В
Exterior Lighting						
HID	100%	2021	\$1,800	10	\$100	В
Alarm						
Fire/Smoke Detection						
Generic	100%	2026	* *	1-3	\$18,800	В

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 Code
Heating								
Energy Source								
Fuel Oil No 2	80%			2041	* *	5	\$6,600	В
Natural Gas	20%			2031	* *	1		В
Conversion Equipment								
Furnace	20%	Now	\$400	2021	\$7,200	1	\$2,400	В
	Not in Serv	ice, Exten	t : Severe, Area Aff	ected : 5	%			
	Location	: Garage						
Hot Water Boiler	80%			2038	* *	1	\$10,500	В
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 80%			
	Location	: Boiler R	oom					
	Explanat	ion : 2 Uni	its					
Distribution								
Hot Wtr Piping/Pump	80%			2029	* *	4	\$1,000	В
No Component	20%							D
Terminal Devices								
Air Handler	60%			2021	\$95,500	1	\$9,900	В
Convector/Radiator	10%			2026	* *	1	\$900	В
Unit Heater-Stm/HW	10%			2026	* *	4	\$400	В
No Component	20%							D
Air Conditioning								
Energy Source								
Electricity	100%			2029	* *	1		В

Maintenance \$ are aggregated over a 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	Future Replacement		M	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit -	50%	Now	\$4,900	2016	\$97,300	2	\$700	В
Heating/Cooling								
		0.	nt : Severe, Area A	ffected :	10%			
	Location	:Roof						
Ext Pkg Unit -	10%			2026	* *	2	\$200	В
Heating/Cooling								
No Component	40%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$14,800	В
Exhaust Fans								
Roof	100%			2026	* *	2	\$800	В
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	* *	1		В
Water Heater								
Gas Fired	100%			2016	\$6,900	2	\$400	В
Sanitary Piping								
Cast Iron	100%	Now	\$3,200	LIFE	* *	1		В
	_		Extent : Severe, Are					
	Location	: 2nd Floo	or Locker Room, W	ater Lea	king To Boiler Roo	m		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Fixtures								
Generic	100%							В
Fire Suppression								
Standpipe								
Generic	100%			2031	* *	1-5	\$13,400	В
Sprinkler								
Generic	100%			2031	* *	1-2	\$7,400	В

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Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 07-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,3

Block : 4555 Lot : 1 BIN : 3099064

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$2,021,200	\$208,300
Interior Architecture	\$493,200	\$225,000
Electrical	\$70,200	\$34,200
Mechanical	\$36,300	\$297,400
Total	\$2,620,900	\$765,000
Priority A	\$2,021,200	\$208,300
Priority B	\$164,100	\$331,600
Priority C	\$435,500	\$225,000
Total	\$2,620,900	\$765,000

Total	\$127,300	\$32,100	\$12,000	\$99,300
Priority C	\$51,200			\$1,000
Priority B	\$60,800	\$32,100	\$12,000	\$89,600
Priority A	\$15,400			\$8,700
Total	\$127,300	\$32,100	\$12,000	\$99,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$5,800	\$26,900	\$7,400	\$29,000
Electrical	\$51,100	\$1,300	\$700	\$54,700
Interior Architecture	\$51,200			\$3,000
Exterior Architecture	\$15,400			\$8,700
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



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

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

Asset #: 4194

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 Code
terior								
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$7,000	A
Masonry: Brick	60%			LIFE	* *	5	\$66,800	A
Masonry: Brick	20%		\$365,400	LIFE	* *	5	\$22,300	A
			Extent : Moderate, A		cted : 40%			
			d And Third Floor		A CC . 1 400/			
			d, Extent : Moderat		Affected: 40%			
			d And Third Floor		2007			
			nt : Severe, Area A		20%			
		1 : At Secon	d And Third Floor				*.==	
Metal Coiling Doors	5%			2027	* *	5	\$17,400	Α
Wood Overhead Doors	5%		\$195,700	2042	* *	5	\$13,900	Α
		_	nents, Extent : Seve	re, Area	Affected : 100%			
-	Location	ı : Through	out					
Windows					de de	_	***	
Aluminum	2%		** ***	2038	* *	5	\$400	A
Steel	98%		\$1,088,800	2047	* *	5	\$119,200	Α
	-		ıt : Moderate, Area	ı Affected	t : 50%			
	Location : Throughout Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
				Area Affe	cted : 25%			
		n : Through		A CC .	1 250/			
	-		ent : Moderate, Are	ea Affecte	ed: 25%			
-	Locanoi	ı : Through	оит					
Parapets Managemen Bright	0.50/	N	¢207.400	LIDE	* *	_	¢0 100	A
Masonry: Brick	95%		\$297,400 d, Extent : Severe, A	LIFE		5	\$9,100	A
		1 Miss/Eroc 1 : Through		<i>Агеа Аује</i>	жией . 30%			
		_	oui ot, Extent : Severe, 1	Araa Aff	acted · 50%			
		i asonry sup 1 : Through		агеи ауу	естей . 5070			
			oui ent : Moderate, Are	a Affecte	d · 10%			
		racks, Exte 1 : Through		и Ајјесте	a . 10/0			
D G . G				T TEE	* *		Φ2.000	
Pre-Cast Concrete		Now	\$3,800			5	\$3,000	Α
			Extent : Light, Are	га Ајјест	ea : 10%			
		ı : Through		A CC -	-4-1-100/			
		ı <i>3nı Fa</i> uur ı : Through	re, Extent : Light, A	rea А <u></u> ӈес	rtea : 10%			
Poof	ьосино	i. inrough	Oui					
Roof Modified Bitumen	90%			2027	* *	10	\$74,000	٨
Modified Bitumen	90% 10%		\$11,600	2027	* *	10	\$74,000	A A
Modified Bituilleli			\$11,000 derate, Area Affecto					Α
1		:xieнi . Mod 1: Thrid Flo		.u . 70/0				
erior	Locuitor	1 m m 1 m	or Rooj					

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.

Architecture	Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior							
Floors	0.50/ 3.1	Φ10 2 000	T TEE	ale ale	-	Φ1. 5 0.000	
Cast in Place Concrete	85% Now Cracking/Crumbling, Location : At Shops		LIFE e, Area Aj	** fected : 10%	5	\$150,000	С
Ceramic Tile	5% Now Cracking/Crumbling, Location: Through	_	2031 ea Affecte	* * ed : 10%	5	\$2,000	С
Vinyl Tile	10% Now Cracking/Crumbling, Location: Locker F		2022 c, Area Aj	\$75,000 ffected : 25%	3	\$3,000	С
Interior Walls				* *			
Cast in Place Concrete	20% Now Water Penetration, E Location: Third Fl. Other Observation, E Location: Third Fl. Explanation: Expo	oor Extent : Severe, Are oor - Unoccupied	a Affecte	d : 60%	netration		С
Plaster	10% 0-2 Cracking/Crumbling, Location: Through		LIFE ea Affecte	* * ed : 10%	5	\$3,300	С
SGFT/Glazed Masonry	10% Now Cracking/Crumbling, Location : At Office		LIFE e, Area Aj	* * ffected : 5%			С
SGFT/Glazed Masonry	60%		LIFE	* *			С
Ceilings							
AcousTileSusp.Lay-In	5% Recent Replace Evide Location : Through		2042 Area Affa	* * ected : 100%	5	\$4,000	В
Exposed Concrete	95% 2-4 Cracking/Crumbling, Location : Through	_	LIFE ea Affecte	* * ed : 10%	5	\$12,000	В

Electrical	Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Service Equipment							
Air Circuit Breaker	100% 2-4	\$5,100	2052	* *	5	\$100	В
	On Extended Life, Exter	it : Moderate, Ar	ea Affec	ted : 100%			
	Location : Electrical I	Room					
	Other Observation, Exte	ent : Moderate, A	rea Affe	cted : 100%			
	Location : Electrical I	Room					
	Explanation: Two 100	00 Amps, One 80	O Amps	And One 400 Amps	s Main D	isconnect Switch	

Maintenance \$ are aggregated over a ten-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

	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts		(118)		Code
Switchgear / Switchboard				
Air Circuit Breaker 100% 2-4 \$29,100 2052	**	5	\$100	В
On Extended Life, Extent : Moderate, Area Affected : 10 Location : Electrical Room	0%			
Raceway				
Conduit 95% 2022	\$34,200	1		В
Conduit 5% 2042	* *	1		В
Panelboards				
Fused Disc Sw 15% 2021	\$3,300	5	\$200	В
Molded Case Bkrs 80% 2021	\$17,600	5	\$1,100	В
Molded Case Bkrs 5% 2038	* *	5	\$100	В
Wiring				
Braided Cloth 60% 2-4 \$16,000 2047	* *	1		В
Insulation Aged, Extent : Moderate, Area Affected : 1009	%			
Location: Throughout				
Thermoplastic 5% 2042	* *	1		В
Thermoplastic 35% 2022	\$9,300	1		В
Motor Controllers				
Locally Mounted 10% 2035	* *	5		В
Locally Mounted 40% 2020	\$11,600	5	\$100	В
Motor Control Center 50% 2020	\$14,500	5	\$700	В
Ground				
Grounding Devices				
Generic 100% 2-4 \$900 LIFE	**	5	\$800	В
Other Observation, Extent: Moderate, Area Affected: 1	00%			
Location: Gas Meter Room				
Explanation: Corroded				
Lighting				
Interior Lighting Fluorescent 60% 2017	\$70.200	10	\$20.700	D
Other Observation, Extent : Moderate, Area Affected : 1	\$70,200	10	\$29,700	В
Location : Throughout	0070			
Explanation: T-12 Lamps				
Fluorescent 10% 2030	* *	10	\$4,900	В
Other Observation, Extent : Moderate, Area Affected : 1		10	\$4,900	Ь
Location : Throughout	0070			
Explanation : T-8 Lamps				
	¢0.700	10	\$500	D
	\$9,700	10	\$500	В
Egress Lighting Emergency, Service 40% 2017	\$2.500	1		В
	\$3,500	1 10	¢1 200	В
Emergency, Battery 10% 2017 Exit, Service 50% 2017	\$2,200 \$4,400	10	\$1,300	В
	φ4,400	1		D
Exterior Lighting HID 100% 2017	\$3,200	10	\$200	В
Lightning Protection	φ3,200	10	\$200	Б
Arresters/Cabling				
<u> </u>	* *	5	\$1,600	R
Generic 100% 2025	* *	5	\$1,600	В

Maintenance \$ are aggregated over a ten-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

Mechanical		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Electricity	20%			2032	* *	1		В
Fuel Oil No 2	80%			2022	\$118,200	5	\$13,400	В
Conversion Equipment								
Radiant Heater	100%			2027	* *	2	\$25,000	В
Terminal Devices								
Fan Coil Unit/Heat	100%			2027	* *	1	\$17,400	В
Air Conditioning								
Energy Source								
Electricity	100%			2030	* *	1		В
Conversion Equipment								
Window/Wall Unit	15%			2015	\$18,500	1		В
No Component	85%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$30,100	В
Exhaust Fans								
Roof	60%			2027	* *	2	\$1,000	В
Wall Unit	40%			2017	\$36,300	2	\$700	В
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2022	\$89,600	1		В
Galv Iron/Steel	50%			2020	\$89,600	1		В
Water Heater					•			
Electric	100%			2020	\$9,300	4	\$300	В
Sanitary Piping					•			
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100% Blockage	Now Clossed Exte	\$1,700 nt : Severe, Are	LIFE a Affecte	* *	1		В
		: Upper Floor		33				
Backflow Preventer		T T						
Generic	100%			2017	\$5,800	1	\$3,300	В
Fixtures	10070			2017	Ψ3,000		ψ3,300	ъ
Generic	100%							В
Vertical Transport	10070							
Elevators								
Geared Traction	100%			LIFE	* *			C
Gearca Traction		ervation Exte	nt : Light, Area					C
		: Basement - 4	_	тујестеи	. 100/0			
		tion : 1 Unit						
Eiro Cunnyaggian	Елріанаі	non . 1 Onli						
Fire Suppression								
Standpipe Generic	1000/			2022	* *	1.5	\$20,200	D
Generic	100%			2032	-1: 4·	1-5	\$28,200	В

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : CENTRAL REPAIR SHOP QUEENS 2,3,4 GARAGE

Address : 52-35 58TH STREET

Borough : QUEENS Agency's Number : N/A

Date of Survey : 24-Mar-2009 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,6

Block : 2347 Lot : 55 BIN : 4054170

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$2,905,400	\$571,600
Interior Architecture	\$2,812,200	\$1,838,900
Electrical	\$94,900	\$1,526,600
Mechanical	\$1,383,300	\$3,372,500
Total	\$7,195,900	\$7,309,600
Priority A	\$2,905,400	\$571,600
Priority B	\$3,847,400	\$5,109,800
Priority C	\$443,100	\$1,628,200
Total	\$7,195,900	\$7,309,600

Priority B Priority C	\$126,100 \$32,300	\$71,400	\$107,400 \$31,500	\$65,900 \$11,200
Priority A	\$6,700	\$68,000		
Total	\$165,100	\$139,400	\$138,900	\$77,100
Elevators/Escalators	\$23,700	\$23,700	\$23,700	\$23,700
Mechanical	\$79,400	\$40,700	\$81,700	\$41,400
Electrical	\$6,100	\$7,000	\$2,100	\$800
Interior Architecture	\$49,200		\$31,500	\$11,200
Exterior Architecture	\$6,700	\$68,000		
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



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

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

Asset #: 120

Architecture		Current Repair		Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimate (Years)	d Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior	•					•		•
Exterior Walls								
Masonry: Brick	10% Now \$119,100 LIFE ** 5 \$36,300 A Diagonal Cracks, Extent: Moderate, Area Affected: 10% Location: Bulkheads Expansion Jnt Failure, Extent: Moderate, Area Affected: 10% Location: North Facade, South Facade Horizontal Cracks, Extent: Moderate, Area Affected: 10% Location: Bulkheads							
			A CC	. 1 20/				
		ts, Extent : Severe, Ar						
		: Tower Bulkhead So	-		1.50/			
		racks, Extent : Moder : South East Corner	ate, Arec	і Ајјесте	a: 3%			
Marana Daid		. South East Corner		LIPP	* *	_	¢217.700	
Masonry: Brick Metal Panel	60% 5%			LIFE 2040	* *	5 5 10	\$217,700 \$124,700	A
Metal Coiling Doors	20%			2040	* *	5-10 5	\$124,700	A A
Window Wall	5%			2033	* *	5	\$68,000	A A
Windows	370			2040			Ψ00,000	А
Aluminum	Location Glazing Bi	0-2 \$2,509 stion, Extent : Moderal : Offices coken/Cracked, Extent : Throughout	te, Area			5	\$26,700	A
	Location Unit Inope	Inefficient, Extent : M : Throughout rable, Extent : Moder : Throughout			-			
Metal Louvers	3%			2029	* *	10	\$10,300	A
Parapets Masonry: Brick		Now \$ aged Copings, Extent : Upper Middle Para	_	LIFE Area Aff	* * ected : 10%	5	\$1,000	A
Masonry: Brick	95%			LIFE	* *	5	\$19,700	A
Roof								
Modified Bitumen	35%			2025	* *	10	\$167,400	A
Modified Bitumen	65% 2-4 \$109,800 2025 ** A Blisters, Extent: Moderate, Area Affected: 20% Location: Throughout Water Penetration, Extent: Moderate, Area Affected: 20%							
	Location : Above Body Shop Other Observation, Extent : Severe, Area Affected : 10%							
	Location : Tower Roof Explanation : Roofing Material Completely Dislodged And Hanging Off Parapet							

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

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

Asset #: 120

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 Code
nterior								
Floors								
Carpet	7%			2019	\$363,200	3	\$94,400	C
Cast in Place Concrete	15%			LIFE	* *	5	\$295,100	C
Cast in Place Concrete	60%		\$401,200	LIFE	* *	5	\$1,180,200	C
			Extent: Moderate	, Area Aj	ffected : 10%			
		ı : Through						
			Extent : Moderate, A	Area Affe	cted : 20%			
		ı : 5th Floo						
	Explana	tion : Patch	ing Evident					
Ceramic Tile	5%			2029	* *	5	\$45,000	С
Terrazzo	3%			LIFE	* *	5	\$21,100	C
Vinyl Tile	10%	Now	\$41,800	2025	* *	3	\$33,700	C
	Loose/De	lam Surface	, Extent : Moderate	e, Area A	ffected : 30%			
	Location	ı : 4th Floo	r 9 X 9 Tiles					
	Other Ob:	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%			2029	* *	5	\$19,600	C
Concrete Masonry Unit	75%			LIFE	* *	5	\$117,600	C
Gypsum Board	15%			LIFE	* *	5	\$35,300	C
Plaster	5%			LIFE	* *	5	\$5,900	C
Ceilings								
AcousTileConcealSpLn	5%	Now	\$16,900	2033	* *	5	\$28,100	В
	Broken/M	issing Elem	ents, Extent : Mode	erate, Ar	ea Affected : 10%			
	Location	ı : Near Fre	eight Elevator On F	ifth Floo	or			
AcousTileConcealSpLn	10%			2033	* *	5	\$112,400	В
Exposed Concrete	70%		\$2,369,100	LIFE	* *	5	\$98,400	В
			Extent : Moderate		ffected : 40%	-	420,100	
	_	ı : 4th Floo			V			
			ent, Extent : Severe	Area At	fected : 10%			
	•		r Elevator Lobby		,			
Exposed Struc: Steel	15%			LIFE	* *			В
Exposed Struc. Steel	1370			LILE				ע

Electrical	Current Repair	Futur	re Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Air Circuit Breaker	100%	2020	\$95,400	5	\$3,300	В
	Other Observation, Extent: Moderate	, Area Affe	ected : 100%			
	Location: Electrical Room					
	Explanation: No Rating Available					

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

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

Asset # : 120

Electrical	Current Repair	Future Replacement		M			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Under 600 Volts							
Transformers							
Dry Type	30%	2025	* *	5	\$700	В	
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%				
	Location: Throughout The Building						
	Explanation: Multiple Transformers						
Dry Type	70%	2037	* *	5	\$1,600	В	
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%				
	Location: Throughout The Building						
	Explanation: Multiple Transformers	1					
Switchgear / Switchboard	500/	2020	44.540 0	-	** ***	ъ	
Air Circuit Breaker	50%	2020	\$116,400	5	\$1,600	В	
Molded Case Bkrs	50%	2020	\$116,400	5	\$8,300	В	
Raceway	2004	2010	φ.co. = 00				
Busway	20%	2018	\$60,700 * *	1		В	
Busway	10%	2033		1		В	
Conduit	60%	2020	\$182,200	1		В	
Conduit	10%	2040	* *	1		В	
Panelboards	100/	2010	#10.000	_	φ4. π 0.0	-	
Fused Disc Sw	10%	2019	\$19,800	5	\$1,500	В	
Molded Case Bkrs	65%	2019	\$129,000 * *	5	\$10,800	В	
Molded Case Bkrs	25%	2036	* *	5	\$4,200	В	
Wiring	400/ 2.4	20.45	* *	1		ъ	
Braided Cloth	40% 2-4 \$94,900 Insulation Aged, Extent : Moderate, An			1		В	
	Location : Throughout	rea Ајјесів	ea : 100%				
Busway	20%	2018	\$47,500	1		В	
Busway	10%	2033	* *	1		В	
Thermoplastic	30%	2046	* *	1		В	
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%				
	Location: Throughout The Building						
	Explanation: Multiple Transformers	1					
Motor Controllers							
Locally Mounted	20%	2018	\$66,300	5	\$800	В	
Locally Mounted	10%	2033	* *	5	\$400	В	
Locally Mounted	10%	2033	* *	5	\$400	В	
Motor Control Center	60%	2018	\$198,800	5	\$10,300	В	
Ground							
Grounding Devices	1000/			~	** * *	-	
Generic	100%	LIFE	**	5	\$9,300	В	
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location: Sprinkler Room						
	Explanation: Connected With Main	Water Pip	e				

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 #: 120

Electrical	Current Repair	Future	Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting						
Interior Lighting						
Fluorescent	65%	2028	* *	10	\$358,200	В
	Other Observation, Extent : Moderat	te, Area Affeo	cted : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
HID	35%	2020	\$126,700	10	\$6,800	В
Egress Lighting						
Emergency, Service	35%	2028	* *	1		В
Exit, Service	35%	2028	* *	1		В
Exit, Service	30%	2020	\$29,200	1		В

Mechanical		Current R	epair	Future Replaceme		nent Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Campus Steam	100%			2040	**	1		В
			xtent : Light, Area	Affected	: 100%			
		n : 58-73 53				D 11.11		
	Explana	ttion : Steam	Coming From Fo	rmer Bei	tts Ave Incinerator	Building		
Conversion Equipment	D 1000/			2020	* *	~	#27.700	ъ
Pres. Reducing Valve/Ll	P 100%			2029	* *	5	\$35,700	В
Steam Distribution								
Steam Piping/Pump	100%			2030	* *	4	\$44,500	В
Terminal Devices	10070			2030			\$44,500	ь
Air Handler	50%	Now	\$540,900	2020	\$1,803,100	1	\$167,400	В
7 III Handiei			t, Area Affected : 1		ψ1,005,100	1	Ψ107,400	ь
		n : Pneumati		0,0				
	Leak Evia	lent. Extent .	: Severe, Area Affe	cted : 50	0%			
			Coils, Throughout					
Convector/Radiator	10%		-	2025	* *	1	\$19,500	В
Fan Coil Unit/Heat	10%			2020	\$1,001,400	1	\$19,500	В
Unit Heater-Stm/HW	30%			2020	\$159,600	4	\$16,500	В
Air Conditioning								
Energy Source								
Electricity	100%			2036	* *	1		В
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2025	* *	2	\$7,400	В
Window/Wall Unit	10%			2015	\$137,500	1		В
No Component	70%							D
Heat Rejection								
Remote Air Cond	20%			2025	* *	2	\$83,700	В
No Component	80%							D

Ventilation

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

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

Mechanical	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 Code
Ventilation							
Distribution Ductwork/Diffusers	100% Now	\$505,100	LIFE	* *	2-5	\$335,100	В
Ductwork/Diffusers	Corroded, Extent : Mo				2-3	\$555,100	Б
	Location : Roof Duc						
Exhaust Fans							
Roof	100% Now	\$13,000	2020	\$259,400	2	\$14,800	В
	Corroded, Extent : Lig	,	: 5%				
	Location: Roof Exh						
	Not in Service, Extent						
DI 1:	Location : Bms Syste	em, It Needs Repai	r And Up	grade.			
Plumbing H/C Water Piping							
Galv Iron/Steel	100% 0-2	\$199,800	2033	* *	1		В
Gar, Hongsteen	Corroded, Extent : Mo			%	•		D
	Location : Througho						
	Leak Evident, Extent :	Moderate, Area A	Affected :	80%			
	Location : Zone Val	ves Throughout Ar	e Malfun	ctioning. 1st Fl. V	Vater Me	ter Rm.	
HW Heat Exchanger							
Low Temp	100%		2030	* *	4	\$89,400	В
Sanitary Piping							_
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping	100%		LIFE	* *	1		В
Cast Iron Sump Pump(s)	100%		LIFE		1		
Rigid Piping	100%		2025	* *	4	\$1,300	В
rugia i iping	Other Observation, Ex	xtent : Moderate. A		cted : 100%	•	Ψ1,500	D
	Location : Adjacent						
	Explanation: Pump		_	Old Incinerator	Bldg. Ne	eds To Be	
	Renovated Or Reloca	ated					
Sewage Ejector(s)	1000/		2020	#10.100		44.200	
Electric	100%		2020	\$10,100	4	\$1,300	В
Fixtures Generic	100%						В
Vertical Transport	100/0						
Elevators							
Geared Traction	100%		LIFE	* *			C
	Other Observation, Ex	xtent : Light, Area		: 100%			
	Location: Two Pass	enger 1-4, Four F	reight 1-0	5			
	Explanation: 6 Unit	ts					

Maintenance \$ are aggregated over a 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: 90

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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

Borough : BROOKLYN Agency's Number : N/A

Date of Survey : 20-Mar-2009 Landmark Status : NONE

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

Block : 3871 Lot : 1 BIN : 3252759

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$250,600	\$298,200
Interior Architecture	\$157,300	\$230,000
Mechanical		\$124,300
Total	\$407,900	\$652,400
Priority A	\$250,600	\$298,200
Priority B		\$124,300
Priority C	\$157,300	\$230,000
Total	\$407,900	\$652,400

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$16,100	\$3,500		\$100
Interior Architecture	\$12,400			\$1,000
Electrical	\$1,700	\$5,300		
Mechanical	\$3,900	\$15,900	\$8,400	\$4,000
Total	\$34,100	\$24,700	\$8,400	\$5,100
Priority A	\$16,100	\$3,500		\$100
Priority B	\$14,000	\$21,300	\$8,400	\$4,000
Priority C	\$4,000			\$1,000
Total	\$34,100	\$24,700	\$8,400	\$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.

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 Code
xterior								
Exterior Walls Concrete Masonry Unit	Location Jnt Morta	n Jnt Failur n : West Fa r Miss/Eroe	d, Extent : Moderat			5	\$14,400	A
	Rusting M		out et, Extent : Modera ow Openings	te, Area	Affected : 25%			
Metal Panel	Location Deteriora	: North F	Extent : Moderate,			5	\$1,000	A
Metal Coiling Doors	Location Deteriora	issing Elen 1 : East Fac	Extent : Moderate,			5	\$5,600	A
Pre-Cast Concrete	_		\$1,900 Extent : Moderate	LIFE , Area Ą	* * ffected : 10%	5	\$1,800	A
Windows								
Aluminum	Location Water Per	Deteriorate 1 : Through	xtent : Moderate, A			5	\$2,000	A
Aluminum		place Evide 1 : Offices	ent, Extent : Light, .	2042 Area Aff	* * ected : 100%	5	\$200	A
Parapets								
Concrete Masonry Unit	85%			LIFE	* *	5	\$3,000	A
Metal Rail Pre-Cast Concrete			\$1,200 d, Extent : Moderat	2025 LIFE e, Area	* * * * Affected : 50%	5-10 5	\$5,700 \$1,000	A A
	Open Join		Moderate, Area Aj	fected :	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 #: 2003

Architecture	Curren	t Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Roof Built-Up (BUR)	Location: Aroun Water Penetration, Location: Over S Worn/Eroded, Exte	Extent : Moderate, A Shops, Mezzanine Lev nt : Moderate, Area	Area Affeo Pel, Fiber	cted : 10% glass Room			A
Built-Up (BUR)	Location : Over S	onops	2020	\$250,700	10	\$47,500	A
nterior	0370		2020	\$230,700	10	φ47,500	A
Floors Cast in Place Concrete	Location : Garag	•			5	\$153,300	С
	Location : Garag	Extent : Severe, Are e / Shops posed Reinforcing	a Affecte	d : 10%			
Ceramic Tile	5%		2029	* *	5	\$4,100	С
Vinyl Tile	10%		2020	\$76,700	3	\$4,100	C
Interior Walls Ceramic Tile Concrete Masonry Unit		\$53,100 ctent : Moderate, Are			5 5	\$1,800 \$11,500	C C
Cl. C. 1 D		ers And Corners Of M		* *		Φ.7.0.0	
Glass: Single Pane Gypsum Board	2% 5%		LIFE LIFE	* *	5 5	\$500 \$1,100	C C
SGFT/Glazed Masonry	8%		LIFE	* *	3	\$1,100	C
Ceilings							
AcousTileSusp.Lay-In	Location : Fiberg Staining/Discolorin Location : Fiberg	ng, Extent : Moderate	, Area A <u>j</u>	ffected : 25%	5	\$3,300	В
	Location : Fiberg		пси Аује	u 10/0			
Exposed Struc: Steel		Extent : Light, Area ps And Mezzanine	LIFE Affected	**			В
Gypsum Board	Location : Fiberg	Extent : Moderate, A			5	\$2,100	В

Maintenance \$ are aggregated over a ten-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	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2030	* *	5	\$300	В
	Other Observation, I		Area Affe	ected : 100%			
	Location : Electric						
	Explanation : Mair	n Disconnect Switch	n Rated A	t 800 Amps			
Switchgear / Switchboard					_		_
Fused Disc Sw	100%		2030	* *	5	\$300	В
Raceway							_
Conduit	100%		2030	* *	1		В
Panelboards					_		_
Fused Disc Sw	30%		2028	* *	5	\$400	В
Molded Case Bkrs	70%		2028	* *	5	\$1,100	В
Wiring							_
Thermoplastic	100%		2030	* *	1		В
Motor Controllers							
Locally Mounted	30%		2025	* *	5	\$100	В
Motor Control Center	70%		2025	* *	5	\$1,100	В
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$800	В
	Other Observation,		Area Affe	ected : 100%			
	Location : Water N						
	Explanation: Con	nected With Main W	Vater Pip	e			
Lighting							
Interior Lighting	2.50/		2020	* *	10	412 500	-
Fluorescent	25%		2028		10	\$12,600	В
	Other Observation,		Area Affe	ected : 100%			
	Location: Through						
	Explanation: T-8	Lamps					
HID	70%		2028	* *	10	\$1,300	В
HID	5% 0-2	\$1,700	2030	* *			В
	Not in Service, Exter		^f ected : 1	00%			
	Location : Exterior	r Of The Building					
Egress Lighting							
Emergency, Service	50%		2015	\$4,500	1		В
Exit, Service	50%		2028	* *	1		В

Mechanical	Current Rep	air Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Heating Energy Source Natural Gas	100%	2040	* *	1	В

Maintenance \$ are aggregated over a ten-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	Current	Current Repair Future Rep		e Replacement	lacement Mainte		tenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating								
Conversion Equipment							_	
Furnace	85%		2020	\$63,700	1	\$23,200	В	
	Other Observation, Location: 13 Big I Explanation: 13 U	Package Units On R			Through	out The Garage		
Hot Water Boiler	15%		2025	* *	1	\$4,100	В	
	Other Observation, Location: 1st Floo	or Boiler Room	Affected	: 20%				
	Explanation: 2 Un	iits						
Distribution	4.50		2020	ماد ماد		\$400	-	
Hot Wtr Piping/Pump	15%		2028	* *	4	\$400	В	
No Component	85%						D	
Terminal Devices	1.50/		2025	* *	1	\$0.700	D	
Convector/Radiator	15%		2025		1	\$2,700	В	
No Component	85%						D	
Air Conditioning								
Energy Source Electricity	100%		2036	* *	1		В	
Conversion Equipment	10070		2030		1		ъ	
Ext Pkg Unit -	15%		2020	\$60,600	2	\$500	В	
Heating/Cooling	Other Observation, Location: Roof	_	Affected	: 15%				
	Explanation: 2 Un	iits						
Window/Wall Unit	10%		2015	\$12,600	1		В	
No Component	75%						D	
Ventilation								
Distribution	1000/			ماد ماد	2.5	ф 2 0. 7 00	-	
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$30,700	В	
Exhaust Fans	1000/		2020	Φ22 000	2	Ф1.700	ъ	
Roof	100%		2020	\$23,800	2	\$1,700	В	
Plumbing								
H/C Water Piping	1000/		2022	* *	1		D	
Galv Iron/Steel Water Heater	100%		2033		1		В	
Water Heater Gas Fired	100%		2018	\$14,300	2	\$800	В	
Sanitary Piping	100/0		2010	ψ14,500		φουυ	ט	
Cast Iron	100%		LIFE	* *	1		В	
Storm Drain Piping	100/0		ъп ъ		1		ע	
Cast Iron	100%		LIFE	* *	1		В	
Sump Pump(s)	100/0		<u> </u>					
Rigid Piping	100%		2025	* *	4	\$1,300	В	
Backflow Preventer					<u> </u>	+ 1,000	<u> </u>	
Generic	100%		2020	\$5,900	1	\$3,400	В	
Fixtures				,		,		
Generic	100%						В	

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : FRESH KILLS I ALAMO SHOP

Address : FOOT OF MULDOON

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS0011.030 / 2021 Yr Built/Renovated : 1985 /

Area Sq Ft : 54,000 Project Type : SANITATION

Date of Survey : 11-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,818,500	\$83,000
Interior Architecture	\$351,100	
Mechanical		\$120,600
Total	\$2,169,600	\$203,500
Priority A	\$1,818,500	\$83,000
Priority B	\$263,300	\$120,600
Priority C	\$87,800	
Total	\$2,169,600	\$203,500

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture				
Interior Architecture	\$19,400			
Electrical	\$31,100		\$100	\$600
Mechanical	\$9,100	\$2,000	\$2,200	\$2,000
Total	\$59,500	\$2,000	\$2,400	\$2,600
Priority A				
Priority B	\$40,100	\$2,000	\$2,400	\$2,600
Priority C	\$19,400			
Total	\$59,500	\$2,000	\$2,400	\$2,600



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS I ALAMO SHOP

Asset #: 2021

rchitecture	Current	Repair	Future	Replacement	M	aintenance	
rstem Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior							
Exterior Walls	0.50/ N	Φ126 000	2022	* *	~	ФОЗ ООО	
Metal Panel	85% Now	\$136,800	2033		5	\$83,000	Α
	-	Extent : Moderate, A	<i>rea А</i> ∏есте	2a : 25%			
	Location: Throug	rnoui 1, Extent : Moderate,	Arag Affa	atad . 500/			
	Location : Through		, Агеи Ајјес	.iea . 5070			
	_	noui Damage, Extent : M	Inderate A	rea Affected : 25	0/0		
	Location : Throug		oueraie, m	ea nyjeciea . 25	70		
Metal Sect. OHD	15% Now	\$109,700	2028	* *	5	\$12,200	A
Wictai Sect. OHD		Extent : Severe, Are		: 100%	3	φ12,200	А
	Location: Through		a rijje ered	. 100,0			
	Explanation : Dan						
Windows		0					
Metal Louvers	100% Now	\$225,400	2038	* *			A
	Broken/Missing Ele	ments, Extent : Seve	ere, Area Aj	ffected : 100%			
	Location : Throug	hout					
Roof							
Metal Panel	80% Now	\$900,700	2043	* *			Α
		Extent : Moderate, A	Area Affect	ed: 25%			
	Location: Throug						
		Aiss, Extent : Moder	ate, Area A	Affectea : 25%			
	Location: Through		A A CC4	-1-100/			
	Location : Shop A	Extent : Moderate, A	Агеа Ајјесі	ea : 10%			
Clarificht Motol/Close			2022	* *			Λ
Skylight, Metal/Glass		\$445,900 ments, Extent : Seve	2033				A
	Location: Through		ere, Area Aj	geciea . 100%			
erior	Bocanon : Throug	noui					
Floors							
Asphalt Poured	100% 0-2	\$19,200	2028	* *	5	\$14,800	C
		g, Extent : Moderate		ected : 10%		7-1,000	
	Location : Throug	•	, 33				
Interior Walls							
Concrete Masonry Unit	2%		LIFE	* *	5	\$400	C
Metal Panel	98% 0-2	\$87,800	LIFE	* *			C
	Deformed/Dented,	Extent : Light, Area	Affected : 2	20%			
	Location : Throug	hout					
Ceilings							
Exposed Struc: Steel	100% 0-2	\$263,300	LIFE	* *			В
		Extent : Moderate, A	Area Affect	ed : 30%			
	Location : Shop A	rea					

Electrical		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

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.

DEPARTMENT OF SANITATION - 827 FRESH KILLS I ALAMO SHOP

Electrical	Current Re	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 Code
Under 600 Volts							
Service Equipment Molded Case Bkrs	100%		2023	\$3,000	5	\$1,200	В
Worded Case Bars	Other Observation, Ex	tent : Moderate. A			5	Ψ1,200	2
	Location : Electrical		33				
	Explanation : Main S	Service Protector .	Rated 80	00 Amperes			
Switchgear / Switchboard Molded Case Bkrs	100%		2023	\$19,400	5	\$1,200	В
Raceway							
Conduit	100%		2023	\$21,100	1		В
Panelboards Molded Case Bkrs	100%		2022	\$22,000	5	\$1,200	В
Wiring				•			
Thermoplastic	100%		2023	\$14,800	1		В
Motor Controllers							
Locally Mounted	100%		2021	\$24,800	5	\$300	В
Ground							
Grounding Devices							_
Not Accessible	100%						D
Lighting							
Interior Lighting Fluorescent	5%		2018	\$4,300	10	\$1,800	В
Fluorescent	05% Other Observation, Ex	tent : Moderate 1		. ,	10	\$1,800	D
	Location : Througho Explanation : T-12 L	ut	пеи Аује	ciea . 100/0			
HID	95% 2-4	\$22,700	2033	* *			В
	Inadequate Ltg Level, Location : Througho	Extent : Moderate		ffected : 100%			
Egress Lighting	Locuion : Througho	in The Diments					
Exit, Service	100% Now	\$6,400	2033	* *	1		В
2, 201.100	Not Functioning, Exter Location : Througho	nt : Moderate, Are		ed : 100%	-		D
Exterior Lighting							
HID	100%		2018	\$2,700	10	\$100	В

Mechanical	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Fuel Oil No 2	100%	2033	* *	5	\$12,300	В
	Other Observation, Extent : Light, A	Area Affected : 100%				
	Location: Entire Building					
	Explanation: This Building Is Not	Currently In Use				

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

Mechanical	Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Conversion Equipment							
Furnace	100%		2023	\$53,900	1	\$19,600	В
	Other Observation, Exte	ent : Light, Area A	Affected	: 100%			
	Location: Ceiling Mo.	unted					
	Explanation: 10 Dire	ct Fired Unit Hea	ters				
Ventilation							
Exhaust Fans							
Wall Unit	100%		2018	\$66,700	2	\$1,200	В
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%		2028	* *	1		В
Water Heater							
Electric	100% Now	\$6,800	2023	\$6,800	4	\$200	В
	On Extended Life, Exter	it : Severe, Area A	Affected	: 100%			
	Location: 1st Floor						
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В

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Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 :

Area Sq Ft : 20,802 Project Type : SANITATION

Date of Survey : 11-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$130,100	\$80,200
Interior Architecture		\$50,000
Mechanical		\$93,300
Total	\$130,100	\$223,400
Priority A	\$130,100	\$80,200
Priority B		\$93,300
Priority C		\$50,000
Total	\$130,100	\$223,400

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$27,300		\$5,600	
Interior Architecture	\$51,400			
Electrical	\$100		\$200	
Mechanical	\$1,200	\$2,500	\$1,200	\$1,300
Total	\$80,000	\$2,500	\$7,000	\$1,300
Priority A	\$27,300		\$5,600	
Priority B	\$31,500	\$2,500	\$1,400	\$1,300
Priority C	\$21,100			
Total	\$80,000	\$2,500	\$7,000	\$1,300



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS I BOAT HOUSE

Asset #: 2022

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 Code
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	\$4,000	A
Metal Panel	80%			2043	* *	5-10	\$110,300	A
Metal Sect. OHD	18%			2036	* *	5	\$11,300	A
Windows								
Aluminum	100%	0-2	\$25,300	2039	* *	5	\$1,300	A
	Broken/M	issing Elem	ents, Extent : Seve	re, Area	Affected : 30%			
	Location	ı : Through	out					
Roof								
Metal Panel	100%	0-2	\$130,100	2036	* *			A
	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	rea Affected : 20%			
	Location	i : Through	out					
	Water Per	netration, E	xtent : Moderate, A	rea Affe	cted : 20%			
	Location	ı : Through	out					
Interior								
Floors								
Cast in Place Concrete	100%	0-2	\$17,000	LIFE	* *	5	\$50,000	C
	Cracking/	Crumbling,	Extent : Light, Are	a Affecte	ed : 10%			
	Location	i : Through	out					
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$400	C
Metal Panel	95%			LIFE	* *	10	\$4,000	C
Ceilings							*	
Exposed Struc: Steel	10%			LIFE	* *	10	\$4,600	В
Metal Panel	90%			LIFE	* *	5	\$51,400	В

Electrical	Current R	epair I	Future	Replacement	Ma	aintenance	
ystem Component Type	% of Fail Date Total (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2	2033	* *	5	\$100	В
	Other Observation, E.	xtent : Moderate, Ared	a Affec	cted : 100%			
	Location : Electrica	l Room					
	Explanation : No Ro	tings Available					
Switchgear / Switchboard							
Molded Case Bkrs	100%	2	2033	* *	5	\$500	В
Raceway							
Conduit	100%	2	2033	* *	1		В
Panelboards							
Fused Disc Sw	50%	2	2031	* *	5	\$200	В
Molded Case Bkrs	50%	2	2031	* *	5	\$200	В
Wiring							
Thermoplastic	100%	2	2033	* *	1		В

Ground

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

^{**} 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

Electrical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Esti	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ground						
Grounding Devices						
Not Accessible	100%					D
	Other Observation, Extent: Light,	Area Affected: 0%	ó			
	Location:					
	Explanation: Covered With Insu	altion				
Lighting						
Interior Lighting						
Fluorescent	10%	2023	\$3,600	10	\$1,400	В
	Other Observation, Extent: Model	rate, Area Affected	: 100%			
	Location: 1st Floor					
	Explanation: T-8 & T-12 Lamps					
HID	90%	2023	\$5,500	10	\$400	В
Egress Lighting						
Emergency, Battery	50%	2023	\$3,100	10	\$1,800	В
Exit, Service	50%	2023	\$1,200	1		В
Exterior Lighting						
HID	100%	2018	\$700	10	\$100	В

Mechanical	Current I	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 Code
Heating							
Energy Source							
Fuel Oil No 2	100%		2043	* *	5	\$4,700	В
	Other Observation, I	=		: 100%			
	Location : Above G	Fround In Back Of E	Building				
	Explanation: (1) 4	000 Gallon Tank					
Conversion Equipment							
Hot Water Boiler	100%		2028	* *	1	\$7,600	В
	Other Observation, I	Extent : Light, Area	Affected	: 100%			
	Location : Boiler R	oom Accessed Fron	n Outside	e Of Main Building	?		
	Explanation: (1)#	2 Oil Burning Hot \	Water Bo	iler			
Distribution							
Hot Wtr Piping/Pump	100%		2031	**	4	\$1,100	В
Terminal Devices							
Convector/Radiator	15%		2028	* *	1	\$700	В
Unit Heater-Stm/HW	85%		2023	\$93,300	4	\$1,800	В
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		В
Conversion Equipment							
Window/Wall Unit	5%		2018	\$1,700	1		В
No Component	95%						D
Ventilation							
Exhaust Fans							
Roof	100%		2023	\$13,500	2	\$500	В
Plumbing							

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.

DEPARTMENT OF SANITATION - 827 FRESH KILLS I BOAT HOUSE

Mechanical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimated (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2033	* *	1		В
Water Heater						
Electric	100%	2018	\$2,600	4	\$100	В
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Backflow Preventer						
No Component	50%					D
Generic	50%	2023	\$800	1	\$500	В
	Other Observation, Extent: Light,	Area Affected: 10	%			
	Location : Boiler Room					
	Explanation: Boiler Only					
Fixtures						
Generic	100%					В
Fire Suppression	·				·	
Standpipe						
Generic	100%	2033	* *	1-5	\$7,700	В

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Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 12-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$842,000	\$36,900
Interior Architecture	\$69,900	
Total	\$911,900	\$36,900
Priority A	\$842,000	\$36,900
Priority B	\$69,900	
Total	\$911,900	\$36,900

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$40,000	\$2,400		
Interior Architecture	\$27,100			
Electrical	\$4,800			\$100
Mechanical	\$700	\$600	\$700	\$700
Total	\$72,500	\$3,000	\$700	\$800
Priority A	\$40,000	\$2,400		
Priority B	\$5,500	\$600	\$700	\$800
Priority C	\$27,100			
Total	\$72,500	\$3,000	\$700	\$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.

Architecture	Current F	epair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior							
Exterior Walls							
Cast in Place Concrete	15% Now Broken/Missing Elem Location: Through Cracking/Crumbling, Location: Through Exposed Reinforceme	out Extent : Moderate out nt, Extent : Moder	e, Area A	ffected : 66%	5	\$23,200	A
	Location : Through						
Masonry: Brick	50% Now Jnt Mortar Miss/Eroa Location: Through Vertical Cracks, Exte Location: Corners	out			5	\$15,500	A
Metal Panel	25% Now Deformed/Dented, Ex Location: Corners Deteriorated Finish, Location: Through	Extent : Moderate,			5	\$14,500	A
Metal Sect. OHD	5%		2040	* *	5	\$4,800	A
	Other Observation, E Location : Through Explanation : Recen	out		cted : 100%			
Metal Sect. OHD	5% Now Other Observation, E Location: Through Explanation: Broke	out			5	\$2,400	A
Windows	Explanation : Broke	n, corroaca a mi	ssing Lic	menis			
Glass Block	5% Now Glazing Broken/Crac Location :	\$900 ked, Extent : Mode	LIFE erate, Are	* * ea Affected : 10%	5		A
Metal Louvers	95% Now Broken/Missing Elem Location : Through		2026 Jerate, Ar	* * ea Affected : 30%			A
Parapets							
Cast Stone/Terra Cotta	10% Now Cracking/Crumbling, Location: Through		LIFE rea Affec	* * rted : 30%	5	\$8,500	A
Masonry: Brick	65% Now Diagonal Cracks, Ext Location: Through Jnt Mortar Miss/Eroa Location: Through	out l, Extent : Modera			5	\$7,200	A
No Comment		<i>)</i>					D
No Component	25%						D

Maintenance \$ are aggregated over a ten-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 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 Code
xterior								
Roof								
Built-Up (BUR)	Location Vegetation	Extent : Mod : Lower Ro 1 Growth, I	Extent : Moderate, .					A
		: Lower Ro	·					
		ded, Extent : Lower Ro	: Moderate, Area . oof	Affected	: 25%			
Metal Panel			\$11,600 Extent : Moderate, A pof	2028 Area Affe	* * ected : 10%			A
		netration, E n : Over Sho	Extent : Moderate, A op Area	Area Affe	ected : 5%			
Modified Bitumen	15%			2023	\$36,900	10	\$5,200	A
nterior								
Floors								
Asphalt Poured		Now Crumbling, a : Shop Are	\$24,000 Extent : Moderate ea	2028 , Area A	* * ffected : 25%	5	\$4,600	С
Interior Walls								
Cast in Place Concrete	Location Exposed F	Crumbling, : Concrete Reinforceme	\$1,500 Extent : Moderate Columns In Shop ent, Extent : Moder	Area ate, Area				С
		: Concrete	e Columns In Shop					
Concrete Masonry Unit	60%			LIFE	* *	5	\$2,200	C
Masonry: Brick	35%			LIFE	* *	10	\$500	С
Ceilings								
Exposed Concrete	Location Exposed F	Crumbling, a : Shop Arc Reinforcema	ent, Extent : Moder		-	5	\$2,900	В
	-	Reinforceme a : Shop Are		ate, Ared	a Affected : 0%			

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2023	\$900	5		В
	Other Observation, Extent: Moderate, A	Area Affe	cted : 100%			
	Location: Electrical Room					
	Explanation : Main Service Protector	Rated @	1200 Amperes			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2023	\$19,400	5	\$300	В

Maintenance \$ are aggregated over a ten-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

Electrical		Current Rep	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of I Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	•				•			
Raceway								
Conduit	90%			2023	\$19,000	1		В
Conduit	10%			2043	* *	1		В
Panelboards								
Fused Disc Sw	10%			2022	\$1,100	5		В
Molded Case Bkrs	80%			2022	\$8,800	5	\$200	В
Molded Case Bkrs	10%			2039	* *	5		В
Wiring								
Thermoplastic	90%			2023	\$13,300	1		В
Thermoplastic	10%			2043	* *	1		В
Motor Controllers								
Locally Mounted	100%			2021	\$8,300	5	\$100	В
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	10%			2018	\$2,700	10	\$1,100	В
		Other Observation, Extent : Moderate, Area Affected : 100%						
		: Throughout						
		on : T-12 La	mps					
HID	80%			2018	\$6,000	10	\$300	В
HID	10%	Now	\$700	2033	* *			В
	-	_	Moderate, Ared	a Affecte	d : 100%			
	Location :	: 1st Floor						
Egress Lighting								
Emergency, Battery	50%	Now	\$2,500	2033	* *			В
		oning, Extent Throughout	: Moderate, Are	ea Affect	ed : 100%			
Exit, Service	50%			2018	\$1,000	1		В
Exterior Lighting								
HID	100%			2018	\$600	10		В

Mechanical	Current Repair		e Replacement	M	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Fuel Oil No 2	100%	2033	* *	5	\$3,800	В
	Other Observation, Extent : Light, Area	Affected	! : 100%			
	Location: Underground Vault					
	Explanation: (1) 5,000 Gallon Tank					
Conversion Equipment						
Furnace	100%	2028	* *	1	\$6,200	В
	Malfunctioning, Extent : Light, Area Af	fected : 1	5%			
	Location: Ceiling Mounted					

Maintenance \$ are aggregated over a 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 Code
Air Conditioning							
Energy Source							
Electricity	100%		2031	* *	1		В
Conversion Equipment							
Window/Wall Unit	10%		2018	\$2,800	1		В
No Component	90%						D
Ventilation							
Exhaust Fans							
Roof	50%		2018	\$5,500	2	\$200	В
Wall Unit	50%		2018	\$10,400	2	\$200	В
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2033	* *	1		В
Water Heater							
Electric	100%		2021	\$2,100	4	\$100	В

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Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : FRESH KILLS I TRACTOR REPAIR SHOP/OFFC

Address : FOOT OF MULDOON

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

Date of Survey : 11-Jul-2012 Landmark Status : NONE

Areas Surveyed :

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,038,500	\$38,500
Interior Architecture	\$906,400	
Electrical		\$70,100
Total	\$1,944,900	\$108,600
Priority A	\$1,038,500	\$38,500
Priority B	\$278,900	\$70,100
Priority C	\$627,500	
Total	\$1,944,900	\$108,600

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$41,600			
Interior Architecture	\$47,900			\$1,500
Electrical	\$88,500		\$100	\$300
Mechanical	\$10,500	\$7,100	\$8,400	\$8,400
Total	\$188,400	\$7,100	\$8,600	\$10,300
Priority A	\$41,600			
Priority B	\$134,000	\$7,100	\$8,600	\$8,800
Priority C	\$12,800			\$1,500
Total	\$188,400	\$7,100	\$8,600	\$10,300



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

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

Asset #: 2791

Architecture	Current Repair Future Replacement			M	aintenance			
System Component Type		ail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior	•			•				•
Exterior Walls Cast in Place Concrete		Now	\$130,900	LIFE	* * rea Affected : 40%	5	\$34,600	A
	Location : Cracking/Cr	All Sides T	hroughout xtent : Moderate					
	=	inforcement All Sides Ti	, Extent : Moder hroughout	ate, Area	a Affected : 30%			
Concrete Masonry Unit	Caulking De	Now eteriorated, Throughou	\$9,400 Extent : Modera t	LIFE te, Area	* * Affected : 20%	5	\$1,700	A
Masonry: Brick	Horizontal (Location : Jnt Mortar M	Throughou	Extent : Moderat	55		5	\$13,800	A
Metal Panel	Deformed/D	Now Jented, Exte Throughou	\$2,100 nt : Moderate, A t	2043 rea Affec	* * cted : 30%	5	\$2,600	A
Metal Sect. OHD	Location:	Throughou	ent : Moderate, 1 t Repair Evident	2028 Area Affe	* * ected : 25%	5	\$8,700	A
Windows			-					
Aluminum	Broken/Miss	Now sing Elemen Throughou	\$5,900 ats, Extent : Seve t	2039 re, Area	* * Affected : 30%	5	\$300	A
Steel	Air Infiltrati	Now ion, Extent : Throughou	\$203,600 Moderate, Area t	2048 Affected	* * l : 50%	5	\$22,300	A
	Location:	Throughou			rea Affected : 25%			
	Location:	Throughou						
		Throughou		, 111 cu 1 <u>i</u>	у селей . 30 70			

Asset #: 2791

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 Code
Exterior								
Parapets Cast in Place Concrete	85%	Now	\$65,700	LIFE	* *	5	\$27,700	٨
Cast III Frace Concrete	Broken/M Location	issing Elen : All Sides	aents, Extent : Mod Throughout Extent : Moderate	erate, Ar	ea Affected : 25%	3	\$27,700	A
	Location	: All Sides	Throughout					
		Reinforcema : East Fac	ent, Extent : Moder cade	ate, Area	a Affected : 25%			
Concrete Masonry Unit	15%	0-2	\$2,800	LIFE	* *	5	\$500	A
·	_	Crumbling, a: Through	Extent : Moderate out	, Area Aj	ffected : 30%			
Roof								
Built-Up (BUR)		0-2 netration, E n : Through	\$1,900 Extent : Moderate, A out	2023 Area Affe	\$38,500 cted : 5%			A
IRMA/Protected Membrane	30%	Now	\$199,000	2033	* *			A
		Miss/Disp, : Through	Extent : Moderate, out	Area Afj	fected : 30%			
		/Displaced : Through	, Extent : Moderate out	e, Area A	ffected : 20%			
		etration, E 1 : Garage .	xtent : Moderate, A Area	Area Affe	cted : 15%			
Metal Panel			\$19,400 nents, Extent : Seve out	2028 re, Area	* * Affected : 30%			A
Modified Bitumen		Now Extent : Mod a : Through	\$257,800 derate, Area Affecto	2033 ed : 25%	* *			A
	Drains Cl		ent : Moderate, Are	a Affecte	ed : 50%			
	Seams Op	_	ctent : Moderate, A	rea Affec	eted : 50%			
nterior								
Floors Asphalt Poured	_		\$271,400 Extent : Moderate Area	2028 , Area Aj	* * ffected : 75%	5	\$17,500	C
Vinyl Tile	15% Broken/M	Now issing Elen	\$114,900 nents, Extent : Mod nor Corridor	2033 erate, Ar	* * rea Affected : 35%	3	\$4,600	С
	_	_	Extent : Moderate oor Corridor	, Area Aj	ffected : 35%			

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

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

Asset #: 2791

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 Code		
nterior										
Interior Walls										
Concrete Masonry Unit	15%	Now	\$59,700	LIFE	* *	5	\$2,200	C		
	Vertical C	Vertical Cracks, Extent : Moderate, Area Affected : 35%								
	Location	ı : Garage 1	Area							
Concrete Masonry Unit	65%	0-2	\$86,200	LIFE	* *	5	\$9,300	С		
	Cracking/	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location	: Through	out							
Gypsum Board	10%	Now	\$12,800	LIFE	* *	5	\$2,200	С		
71	Cracking/	Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
	Location	: Through	out							
Masonry: Brick	10%	Now	\$95,200	LIFE	* *			С		
2.200 2.200		Vertical Cracks, Extent : Moderate, Area Affected : 35%								
	Location	: Roof Sta	ir	00						
	Water Per	etration, E	xtent : Severe, Ared	a Affecte	d : 30%					
	Location	: Through	out							
Ceilings										
AcousTileSusp.Lay-In	5%	Now	\$26,800	2043	* *	5	\$2,100	В		
		issing Elem ı : Mens Re	ents, Extent : Mod stroom	erate, Ar	ea Affected : 100%	ó				
Exposed Concrete		Now	\$278,900	LIFE	* *	5	\$11,600	В		
Exposed Concrete			eents, Extent : Mod		an Affected : 20%	3	\$11,000	Ъ		
				егине, Аг	eu Ajjecieu . 2070					
	Location : Throughout Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
				, 111 eu 11j	geciea . 1570					
	Location : Throughout Exposed Reinforcement, Extent : Moderate, Area Affected : 15%									
	•	i : Through		ше, ліес	11111естей . 15/0					
Exposed Struc: Steel	5%	Imough		LIFE	* *	10	\$8,200	В		
Exposed Siluc. Steel	3%			LII.E		10	\$6,200	ъ		

ectrical	Current Repair	Future	Replacement	M				
stem Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
der 600 Volts	•							
Service Equipment								
Molded Case Bkrs	100%	2023	\$5,100	5	\$1,500	В		
	Other Observation, Extent : Modera	ate, Area Affed	cted : 100%					
	Location : Electrical Room							
	Explanation: No Ratings Availab	le						
Transformers								
Dry Type	100%	2028	* *	5	\$200	В		
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Electrical Room							
	Explanation: 75 Kva							
Switchgear / Switchboard								
Molded Case Bkrs	100%	2023	\$29,100	5	\$1,500	В		

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

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

Asset #: 2791

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 Code
Under 600 Volts								
Raceway								
Conduit	95%			2023	\$34,200	1		В
Conduit	5%			2033	* *	1		В
Panelboards	1.00/			2022	Φ2.000	-	#100	ъ
Fused Disc Sw	10% 50%	2-4	\$13,800	2022 2048	\$2,800	5	\$100	В
Molded Case Bkrs		led Life, Ex	\$13,800 tent : Moderate, Ai			5	\$400	В
Molded Case Bkrs	35%			2022	\$9,600	5	\$500	В
Molded Case Bkrs	5%			2031	* *	5	\$100	В
Wiring								
Braided Cloth		-	\$12,000 ent : Moderate, Are out The Building	2048 a Affecte	* * ed : 100%	1		В
Thermoplastic	50%			2023	\$13,400	1		В
Thermoplastic	5%			2033	* *	1		В
Motor Controllers Locally Mounted	50% On Extend Location	-	\$16,600 tent : Moderate, Ai	2043 rea Affec	* * ted : 100%	5	\$100	В
Locally Mounted	50%	<u> </u>		2021	\$16,600	5	\$200	В
Grounding Devices	1000/							ъ.
Not Accessible	100%							D
Lighting Interior Lighting Fluorescent	Location	ervation, E : Lunch R tion : T-12		2018 Area Affe	\$35,800 ected : 100%	10	\$15,100	В
Fluorescent	Inadequat	Now e Ltg Level a : 1st Floor	\$11,900 , Extent : Moderate r	2033 e, Area A	* * ffected : 100%			В
HID	60%			2018	\$19,900	10	\$1,100	В
Egress Lighting								
Emergency, Battery	50%			2018	\$11,100	10	\$6,600	В
Exit, Service	25%			2018	\$2,200	1		В
Exit, Battery			\$11,100 t : Moderate, Area r	2033 Affected	* *			В
Exterior Lighting HID	100%			2018	\$3,400	10	\$200	В

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

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

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

Asset #: 2791

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 Code
Heating							
Energy Source	400-				_	*1= 000	_
Fuel Oil No 2	100%		2043	* *	5	\$17,000	В
	Other Observation, E	_		: 100%			
	Location: Under G		ra				
<u> </u>	Explanation: (1) 20),000 Gallon Tank					
Conversion Equipment	1000/		2040	* *	1	¢54.600	D
Steam Boiler	100%	Section 1: La Ameri	2040		1	\$54,600	В
	Other Observation, E Location : Boiler R		Ајјестеа	: 100%			
			D - :1				
Distribution	Explanation: (1) #2	2 Oii Burning Steam	n Bouer				
Steam Piping/Pump	100%		2043	* *	4	\$4,100	В
Terminal Devices	100%		2043		4	\$4,100	
Convector/Radiator	5%		2021	\$800	1	\$900	В
Unit Heater-Stm/HW	5% 95%		2021	фо ОО * *	1 4	\$4,800	В
Air Conditioning	9370		2028			\$4,800	В
Energy Source							
Electricity	100%		2031	* *	1		В
Conversion Equipment	10070		2031		1		
Window/Wall Unit	10%		2018	\$12,600	1		В
No Component	90%		2016	\$12,000	1		D
Ventilation	7070						
Exhaust Fans							
Roof	100% Now	\$4,800	2018	\$23,800	2	\$1,400	В
1001	Broken, Extent : Mod	. ,		Ψ20,000	_	Ψ1,.00	-
	Location : Roof	33					
Plumbing	J						
H/C Water Piping							
Galv Iron/Steel	100%		2028	* *	1		В
Water Heater							
Oil Fired	100%		2018	\$19,000	1	\$1,700	В
HW Heat Exchanger						. ,	
Low Temp	100%		2033	* *	4	\$5,500	В
Sanitary Piping						. , -	
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В
-							

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : FRESH KILLS II EQUIPMENT WASH BLDG.

Address : S. OF VICTORY BLVD.

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS0012.020 / 2012 Yr Built/Renovated : 1985 /

Area Sq Ft : 4,334 Project Type : SANITATION

Date of Survey : 11-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2685 Lot : 100 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$115,900	
Interior Architecture	\$116,700	
Total	\$232,600	
Priority A	\$115,900	
Priority C	\$116,700	
Total	\$232,600	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$27,200			
Interior Architecture	\$50,200			\$500
Electrical	\$1,400			
Mechanical	\$800	\$200	\$300	\$200
Total	\$79,600	\$200	\$300	\$800
Priority A	\$27,200			
Priority B	\$36,300	\$200	\$300	\$200
Priority C	\$16,100			\$500
Total	\$79,600	\$200	\$300	\$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.

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

Asset #: 2012

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 Code	
xterior Exterior Walls Metal Panel	100% Now \$25,800 Deformed/Dented, Extent: Moderate, A Location: Throughout Punct/Tear/Impact Damage, Extent: So Location: Throughout		5	\$10,400	A	
Windows Aluminum	95% Now \$38,000 Broken/Missing Elements, Extent : Seve Location : Throughout	2048 ** ere, Area Affected : 100%	5	\$400	A	
Metal Louvers	5% Now \$1,400 Broken/Missing Elements, Extent : Seve Location : Throughout	2038 * * * ere, Area Affected : 100%			A	
Roof Modified Bitumen	100% Now \$78,000 Deteriorated Finish, Extent: Moderate Location: Throughout Seams Open/Split, Extent: Moderate, A Location: Throughout Worn/Eroded, Extent: Moderate, Area Location: Throughout	rea Affected : 60%			A	
terior Floors Cast in Place Concrete	10% Now \$4,800	LIFE **	5	\$1,200	С	
	Cracking/Crumbling, Extent: Severe, A Location: Throughout	Area Affected : 60%		, ,		
Ceramic Tile	10% Now \$5,800 Cracking/Crumbling, Extent: Severe, A Location: Throughout	2032 ** Area Affected : 60%	5	\$300	С	
Vinyl Tile	80% Now \$40,200 Broken/Missing Elements, Extent: Moderate Location: Throughout Cracking/Crumbling, Extent: Moderate Location: Throughout Water Penetration, Extent: Moderate, Location: Throughout	e, Area Affected : 75%	3	\$1,600	С	
Interior Walls						
Ceramic Tile	10% 0-2 \$5,500 Cracking/Crumbling, Extent : Severe, A Location : Throughout	2032 * * Area Affected : 60%	5	\$200	С	
Gypsum Board	90% Now \$76,500 Broken/Missing Elements, Extent: Moderate, Location: Throughout Water Penetration, Extent: Moderate, Location: Office Area		5	\$2,600	С	

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

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

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

Asset #: 2012

Architecture		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 Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	\$34,100	2043	* *	5	\$2,600	В
•	Broken/Mi	issing Eleme	ents, Extent : Mod	erate, Ar	ea Affected : 100%	ó		
	Location	: Office Ar	ea					
	Water Pen	etration, Ex	tent : Moderate, A	Area Affe	cted : 100%			
	Location	: Office Ar	ea					

Electrical	Current Repair	Future Ro	eplacement	Maintenance		
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2033	* *	5	\$100	В
	Other Observation, Extent : Mo	derate, Area Affectea	d : 100%			
	Location: Electrical Room					
	Explanation: Main Service Ro	ated @ 1200 Ampere	es			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2033	* *	5	\$100	В
Raceway						
Conduit	100%	2033	* *	1		В
Panelboards						
Fused Disc Sw	20%	2031	* *	5		В
Molded Case Bkrs	80%	2022	\$8,800	5	\$100	В
Wiring						
Thermoplastic	100%	2033	* *	1		В
Motor Controllers						
Locally Mounted	100%	2028	* *	5		В
Ground						
Grounding Devices						
Not Accessible	100%					D
	Other Observation, Extent : Lig	ht, Area Affected : 09	%			
	Location : Connected To Meta	ıl Water Pipe				
	Explanation : Covered With Insulation					
Lighting						
Exterior Lighting						
HID	100% Now \$	1,400 2033	* *			В
	Not in Service, Extent : Severe, A	Area Affected : 100%	6			
	Location: Throughout					

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

Heating

Maintenance \$ are aggregated over a 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

Mechanical	Current Repair	Future Repl	acement	Maintenance		
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Fuel Oil No 2	100%	2033	* *	5	\$1,100	В
	Other Observation, Extent : Sev	ere, Area Affected : 100	0%			
	Location : Old Wash Building					
	Explanation: Building Is Aba	ndoned And Expected T	o Be Demoli	ished		
Conversion Equipment						
Furnace	90%	2023	\$4,400	1	\$1,600	В
	Other Observation, Extent: Lig	ht, Area Affected : 90%				
	Location: Main Floor					
	Explanation: 2 Units					
Furnace	10%	2018	\$500	1	\$200	В
	Other Observation, Extent : Lig	ht, Area Affected : 10%				
	Location : Main Floor					
	Explanation: 1 Unit					
Ventilation	1					
Distribution						
Ductwork/Diffusers	50%	LIFE	* *	2-5	\$1,600	В
No Component	50%				. ,	D
Exhaust Fans						
Roof	100%	2018	\$3,200	2	\$100	В
Plumbing					·	
H/C Water Piping						
Galv Iron/Steel	100%	2028	* *	1		В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : FRESH KILLS II GARAGE Address : S. OF VICTORY BLVD.

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS0012.010 / 2024 Yr Built/Renovated : 1985 /

Area Sq Ft : 27,587 Project Type : SANITATION

Date of Survey : 12-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2685 Lot : 100 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$791,000	
Interior Architecture	\$1,287,700	
Electrical	\$71,600	
Mechanical		\$404,600
Total	\$2,150,400	\$404,600
Priority A	\$791,000	
Priority B	\$878,200	\$404,600
Priority C	\$481,100	
Total	\$2,150,400	\$404,600

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$28,800			
Interior Architecture	\$9,900			
Electrical	\$13,300	\$900	\$1,000	\$1,200
Mechanical	\$19,600	\$1,700	\$13,500	\$1,700
Total	\$71,500	\$2,600	\$14,400	\$2,900
Priority A	\$28,800			
Priority B	\$42,700	\$2,600	\$14,400	\$2,900
Priority C				
Total	\$71.500	\$2,600	\$14,400	\$2,900



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

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

Asset #: 2024

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 Code
Exterior							
Exterior Walls Concrete Masonry Unit	10% Now Diagonal Cracks, Ex Location: At Corne Jnt Mortar Miss/Eroe	ers			5	\$1,700	A
	Location : Through						
Metal Panel	70% Now Deformed/Dented, E. Location: Through Punct/Tear/Impact D	out Damage, Extent : Mo			5 %	\$34,900	A
Metal Sect. OHD	Location: Through 20% Now Other Observation, E Location: Through Explanation: Defo	\$74,700 Extent : Severe, Are	2028 a Affecte	* * d : 20%	5	\$8,300	A
Windows	Explanation : Dejo	rmea & Deniea					
Aluminum	75% Now Broken/Missing Elen Location: Through		2048 re, Area	* * Affected : 100%	5	\$1,300	A
Steel	25% Now Corrosion/Rusting, E Location: Through Thermally Inefficient Location: Through	out 5, Extent : Moderate			5	\$5,600	A
Roof							
Metal Panel	70% Now Broken/Missing Elen Location: Through		2043 re, Area	* * Affected : 100%			A
Modified Bitumen	30% Now Punct/Tear/Impact D Location: Through	-	2033 vere, Are	* * a Affected : 100%			A
Interior							
Floors Asphalt Poured	100% Now Cracking/Crumbling Location : Garage		2043 rea Affec	* * ted : 100%	5	\$7,600	С
Interior Walls							
Concrete Masonry Unit	25% Now Cracking/Crumbling. Location: Through		LIFE rea Affec	* * ted : 100%	5	\$1,200	С
Metal Panel	75% Now Broken/Missing Elen Location: Through		LIFE re, Area	* * Affected : 100%			С

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

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

Asset #: 2024

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 Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$9,900	2043	* *	5	\$800	В
	Cracking/	racking/Crumbling, Extent : Severe, Area Affected : 100%						
	Location	: Through	out					
Exposed Struc: Steel	30%	Now	\$403,500	LIFE	* *			В
	Broken/M	issing Elem	ents, Extent : Seve	re, Area	Affected : 100%			
	Location	: Through	out					
Exposed Struc: Wood	50%	Now	\$331,000	LIFE	* *			В
	Broken/M	issing Elem	ents, Extent : Seve	re, Area	Affected : 100%			
	Location	: Through	out					
Metal Panel	15%	Now	\$72,100	LIFE	* *	5	\$5,700	В
	Cracking/	Crumbling,	Extent: Severe, A	rea Affec	eted : 100%			
	Location	: Through	out					

Electrical	Curr	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail l Total (Yes	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2023	\$1,600	5	\$100	В
		on, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Ele	ctrical Room					
	Explanation:	Main Service Protector	Rated @	2000 Amperes			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2023	\$19,400	5	\$600	В
Raceway							
Conduit	100%		2023	\$21,100	1		В
Panelboards							
Fused Disc Sw	15%		2022	\$2,500	5	\$100	В
Molded Case Bkrs	85%		2022	\$14,100	5	\$500	В
Wiring							
Thermoplastic	100%		2023	\$14,800	1		В
Motor Controllers				•			
Locally Mounted	100%		2021	\$12,400	5	\$200	В
Ground				,		·	
Grounding Devices							
Not Accessible	100%						D
Stand-by Power							
Transfer Switches							
Manual	100%		2023	\$10,600	5	\$100	В
Generators				•			
Natural Gas	100% No	w \$71,600	2038	* *	1	\$7,900	В
	Engine Inoperal	ble, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Out	side -	-				
	Not in Service, I	Extent : Moderate, Area	Affected	: 100%			
	Location:						

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

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

Asset #: 2024

Electrical		Current F	lepair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Lighting									
Interior Lighting									
Fluorescent	10%	Now	\$4,400	2033	* *			В	
	Not in Serv	Not in Service, Extent : Moderate, Area Affected : 100%							
	Location	: 1st Floor	•						
HID	30%			2018	\$3,700	10	\$200	В	
HID	60%	Now	\$7,300	2033	* *			В	
	Malfunctio	ning, Exter	nt : Moderate, Area	a Affecte	d: 100%				
	Location	: 1st Floor	•						
Exterior Lighting									
HID	100%	Now	\$1,400	2033	* *			В	
	Not in Serv	ice, Extent	: Severe, Area Aff	ected : 1	00%				
	Location	: Outside							

Mechanical	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Fuel Oil No 2	100%		2033	* *	5	\$6,300	В
	Other Observation, Ext	_	Affected	: 100%			
	Location : Old Garag	ge .					
	Explanation: Buildin	g Is Abandoned A	And Expe	ected To Be Demol	ished		
Conversion Equipment							
Furnace	30%		2018	\$8,300	1	\$3,000	В
	Other Observation, Ext	ent : Light, Area	Affected	: 100%			
	Location: Ceiling Mo	ounted					
	Explanation: Direct	Fired Unit Heate	rs - Mos	stly Unaccessible			
Hot Water Boiler	70% Now	\$7,100	2028	* *	1	\$6,300	В
	Other Observation, Ext	ent : Light, Area	Affected	: 100%			
	Location : In Boiler R	Room Adjacent To	o Garage	?			
	Explanation: 2 Units	- Not In Service	_				
Distribution	•						
Hot Wtr Piping/Pump	100% Now	\$11,300	2031	* *	4	\$1,000	В
1 2 1	Not in Service, Extent:		Affected	: 100%		. ,	
	Location : Throughou	ıt					
Terminal Devices							
Fan Coil Unit/Heat	100%		2023	\$337,300	1	\$6,600	В
	Not in Service, Extent:	Moderate. Area			-	40,000	-
	Location : Throughou		1 199 000000	. 10070			
Air Conditioning							
Energy Source							
Electricity	100%		2031	* *	1		В
Conversion Equipment	10070		2031				ъ
Window/Wall Unit	10%		2016	\$4,600	1		В
No Component	90%		2010	Ψ+,000	1		D
Ventilation Ventilation	7070						ע

Ventilation

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

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

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

Asset #: 2024

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 Code
Ventilation								
Exhaust Fans								
Roof	100%	1		2018	\$17,900	2	\$600	В
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	\$67,300	1		В
Water Heater								
Oil Fired	100%			2016	\$7,000	1	\$600	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Fixtures								
Generic	100%							В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : FRESH KILLS II PUMP HOUSE & POWER HOUSE

Address : SOUTH OF VICTORY BLVD.

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOS0012.070 / 2789 Yr Built/Renovated :

Area Sq Ft : 500 Project Type : SANITATION

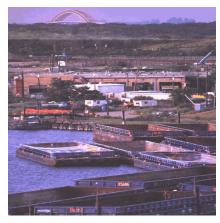
Date of Survey : 12-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2685 Lot : 100 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$53,200	
Electrical	\$51,400	\$101,300
Total	\$104,600	\$101,300
Priority A	\$53,200	
Priority B	\$51,400	\$101,300
Total	\$104,600	\$101,300

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$9,700			
Interior Architecture	\$37,100			
Electrical	\$1,900			
Mechanical	\$3,200			
Total	\$51,800			
Priority A	\$9,700			
Priority B	\$29,500			
Priority C	\$12,600			
Total	\$51,800			



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 II PUMP HOUSE & POWER HOUSE

Asset #: 2789

Architecture	Current Repa	ir I	Future Replacement Maintenance			
System Component Type	% of Fail Date Est Total (Years)		Vear Estimated Co FY	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior						
Exterior Walls Concrete Masonry Unit	100% Now Diagonal Cracks, Extent: Location: Throughout Water Penetration, Extent	Moderate, Area	Affected : 20%	* 5	\$1,000	A
XX7: 1	Location: Throughout					
Windows Steel	100% Now Corrosion/Rusting, Extent Location: Throughout Glazing Broken/Cracked, Location: Throughout Thermally Inefficient, Exte	: Moderate, Area	a Affected : 50% e, Area Affected : 25%	* 5	\$400	A
Roof	Location : Throughout					
Built-Up (BUR)	100% Now Blisters, Extent: Moderat Location: Throughout Water Penetration, Extent Location: Throughout Worn/Eroded, Extent: Mo Location: Throughout	e, Area Affected : : Moderate, Area	25% a Affected : 15%	*		A
Interior						
Floors Cast in Place Concrete	100% Now Cracking/Crumbling, Exte	T-,	IFE * Affected : 30%	* 5	\$1,200	С
Interior Walls Concrete Masonry Unit	100% 0-2 Cracking/Crumbling, Exte Location : Throughout	,	M.D	* 5	\$400	С
Ceilings Exposed Struc: Steel	100% Now Broken/Missing Elements, Location: Throughout	, ,	ILE	*		В

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 Code
Under 600 Volts				
Service Equipment				
Fused Disc Sw	100%	2023 \$9,800	5	В
	Other Observation, Extent: Moderate, A	Area Affected : 100%		
	Location: Electrical Section Area			
	Explanation: Main Service Rated @ 6	600 Amps		

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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS II PUMP HOUSE & POWER HOUSE

Asset #: 2789

Electrical		Current F	Repair	Futur	e Replacement	t Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	\$48,300	5		В
Raceway								
Conduit	100%			2023	\$3,700	1		В
Panelboards								
Molded Case Bkrs	100%			2022	\$52,900	5		В
Wiring								
Thermoplastic	100%			2023	\$3,400	1		В
Motor Controllers								
Locally Mounted			\$51,400 ent : Moderate, Are ical Room	2043 ea Affecto	* * ed : 100%	5		В
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	10%	0-2	\$200	2033	* *			В
		te Ltg Level 1 : 1st Floo	l, Extent : Moderate r	, Area A	ffected : 100%			
Fluorescent	65%	Now	\$1,500	2033	* *			В
		vice, Exten 1 : 1st Floo	t : Moderate, Area r	Affected	: 100%			
HID	25%			2018	\$400	10		В
Exterior Lighting								
HID	100%	Now	\$200	2033	* *			В
		vice, Exten 1 : Outside	t : Severe, Area Aff	ected : 1	00%			

Mechanical	Current Rep	pair Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Electricity	100%	2033	* *	1		В
·	Not in Service, Extent : I	Light, Area Affected : 100	0%			
	Location : Salt Water S	Spraying System No Long	ger Used			
	Other Observation, Exte	ent : Light, Area Affected	: 100%			
	Location : Pump House	e				
	Explanation : Building	Is Abandoned And Expe	cted To Be Demoli	shed		
Conversion Equipment						
Radiant Heater	100%	2018	\$1,800	2	\$200	В
	Other Observation, Exte	ent : Light, Area Affected	: 100%			
	Location: Throughout	:				
	Explanation: 5 Units					

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.

DEPARTMENT OF SANITATION - 827 FRESH KILLS II PUMP HOUSE & POWER HOUSE

Asset #: 2789

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 Code
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		В
Conversion Equipment								
Ext Pkg Unit - Cooling	100%	Now	\$1,900	2033	* *	2		В
	Unit Inope Location		ent : Severe, Area A	Affected :	100%			
Ventilation								
Exhaust Fans								
Roof	100%			2018	\$300	2		В
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	\$1,200	2043	* *	1		В
		Extent : Se a : Through	evere, Area Affecteo out	d : 100%				

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Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 28-Jul-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2508 Lot : 1 BIN : 3064006

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,423,600	\$436,800
Interior Architecture	\$564,700	\$127,100
Electrical	\$38,600	\$277,300
Mechanical	\$482,100	\$102,100
Total	\$2,509,000	\$943,300
Priority A	\$1,423,600	\$436,800
Priority B	\$842,900	\$379,400
Priority C	\$242,600	\$127,100
Total	\$2,509,000	\$943,300

Total	\$178,500	\$2,900	\$58,500	\$3,400
Priority C	\$54,800			\$400
Priority B	\$90,200	\$2,900	\$58,500	\$3,000
Priority A	\$33,500			
Total	\$178,500	\$2,900	\$58,500	\$3,400
Mechanical	\$67,400	\$2,200	\$13,100	\$3,000
Electrical	\$1,700	\$700	\$45,300	
Interior Architecture	\$75,800			\$400
Exterior Architecture	\$33,500			
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



 $[\]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	M	aintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code	
xterior						
Exterior Walls	1000/ N	00 2041 **	~	φ1 71 100		
Metal Panel	100% Now \$141,1 Deformed/Dented, Extent: Light, A Location: Throughout Other Observation, Extent: Severe, Location: Throughout	rea Affected : 10%	5	\$171,100	A	
	Explanation: This Building Is Sch	heduled To Be Demolished				
Windows						
Aluminum	10% Now \$128,7 Broken/Missing Elements, Extent : Location : At Office	Moderate, Area Affected : 35%	5	\$1,400	A	
	Glazing Broken/Cracked, Extent: I Location: Office Thermally Inefficient, Extent: Mod Location: Office					
Fiberglass Panel	90% Now \$853,0 Broken/Missing Elements, Extent : Location : Throughout		5	\$46,200	A	
Parapets						
Metal Rail	100% Now \$130,4 Corrosion/Rusting, Extent : Modera Location : Throughout		5	\$219,500	A	
Roof	<u> </u>					
Cast in Place Concrete	25% Now \$33,5 Gut/DS Non Func/Miss, Extent: M Location: Over Garbage Dispose Water Penetration, Extent: Modere Location: Over Garbage Dispose	oderate, Area Affected : 25% al Area ate, Area Affected : 10%			A	
Metal Panel	75% Now \$170,4 Deformed/Dented, Extent: Modera Location: Over Garbage Dispose Water Penetration, Extent: Modera Location: Over Garbage Dispose	00 2026 ** tte, Area Affected : 10% al Area ate, Area Affected : 10%			A	
terior						
Floors Cast in Place Concrete	90% Now \$172,8 Cracking/Crumbling, Extent: Light Location: Throughout		5	\$127,100	С	
Ceramic Tile	5% Now \$69,8 Cracking/Crumbling, Extent: Seven		5	\$1,600	С	
Vinyl Tile	5% Now \$30,0 Broken/Missing Elements, Extent : Location : Throughout		3	\$1,200	С	

Maintenance \$ are aggregated over a ten-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 F	Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls	200/		#10.100		ate ate			a
Cast in Place Concrete	20%		\$10,400	LIFE	**			С
		Crumbling, n : Through	, Extent : Light, Are out	ea Affect	ed : 10%			
Concrete Masonry Unit	5%	Now	\$3,000	LIFE	* *	5	\$300	С
		lissing Elen n : Equipme	nents, Extent : Mod ent Room	erate, Ar	rea Affected : 20%			
Concrete Masonry Unit	35%			LIFE	* *	5	\$2,300	С
Glass: Single Pane	5%	Now	\$3,900	LIFE	* *	5	\$600	C
		Crumbling, n : Through	Extent : Light, Are out	ea Affect	ed : 15%			
SGFT/Glazed Masonry	10%	Now	\$7,400	LIFE	* *			С
		issing Elen n : At Office	nents, Extent : Mod es	erate, Ar	rea Affected : 20%			
SGFT/Glazed Masonry	25%			LIFE	* *			С
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$21,000	2041	* *	5	\$1,600	В
		lissing Elen n : Through	nents, Extent : Seve out	re, Area	Affected : 100%			
Exposed Concrete	25%	Now	\$121,500	LIFE	* *	5	\$2,500	В
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 10%			
	Location	n : Lower L	evel					
	•	Reinforceme n : Lower L	ent, Extent : Moder evel	ate, Ared	a Affected : 15%			
Exposed Struc: Steel	70%	4+	\$200,600	LIFE	* *			В
			Extent : Light, Area	Affected	: 10%			
	Location	n : Garbage	e Disposal Area					

lectrical	Current Repair	Futur	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts	•					•
Service Equipment						
Molded Case Bkrs	100%	2021	\$28,000	5	\$1,300	В
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location: Electrical Room					
	Explanation: Two 1200 Amps Main I	Disconnec	rt Switch			
Transformers						
Dry Type	100%	2019	\$13,600	5	\$200	В
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location: Electrical Room					
	Explanation : One 500 Kva 480v/208/	120v				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2021	\$101,800	5	\$1,300	В

Maintenance \$ are aggregated over a ten-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 Repair		Futur	e Replacement	M	aintenance	
System Component Type	% of 1 Total	Fail Date Estin (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Raceway								
Conduit	100%			2021	\$32,400	1		В
Panelboards								
Molded Case Bkrs	100%			2020	\$71,600	5	\$1,300	В
Wiring								
Thermoplastic	100%			2021	\$29,200	1		В
Motor Controllers								
Locally Mounted	10%			2019	\$1,000	5		В
Motor Control Center	90%			2019	\$103,800	5	\$1,200	В
Ground								
Grounding Devices								
Generic	100%	2-4	\$900	LIFE	* *	5	\$700	В
	Other Obse	ervation, Extent :	Moderate, A	Area Affe	cted : 100%			
	Location	: Water Main						
	Explanati	ion : Corroded						
Lighting								
Interior Lighting								
HID	40%			2016	\$33,600	10	\$600	В
Incandescent	60%			2016	\$38,600	2	\$600	В
Egress Lighting								
No Component	50%							D
No Component	50%							D
Exterior Lighting								
HID	100%			2016	\$9,600	10	\$200	В

Mechanical	Current Repair	Future Replacement	M	aintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority Code		
leating							
Energy Source							
Electricity	100%	2021	1		В		
	Other Observation, Extent : Light, Area	Affected : 100%					
	Location: 1st Level						
	Explanation: This Facility Being Use	d For Temporary Storage	?				
Conversion Equipment							
Radiant Heater	5%	2016 \$10,60	0 2	\$1,000	В		
	Other Observation, Extent: Light, Area Affected: 5%						
	Location : Office Only						
	Explanation : Elec. Radiant Heater						
No Component	95%				D		
Distribution							
Steam Piping/Pump	100% Now \$16,800	2051 *	* 4	\$2,100	В		
1 0 1	Corroded, Extent : Severe, Area Affecte	d: 100%					
	Location : 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.

Asset #: 2017

Mechanical	Current l	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 Code
Heating			•				•
Terminal Devices Convector/Radiator	40% Now Damaged, Extent : S Location : Through		2041 d : 40%	* *	1	\$5,000	В
Fan Coil Unit/Heat	60% Now Not in Service, Exten Location: Through		2031 fected : 10	**	1	\$7,500	В
Air Conditioning							
Energy Source Electricity	100%		2020	\$102,100	1		В
Conversion Equipment Window/Wall Unit No Component	5% 95%		2014	\$4,900	1		B D
Ventilation							
Exhaust Fans Interior	60% Now Not in Service, Exten Location : Through		2031 fected : 10	* *	2	\$600	В
No Component	40%						D
Plumbing H/C Water Piping Brass/Copper	40% Now Corroded, Extent : Si Location : Through		2051 d : 40%	* *	1		В
No Component	60%						D
HW Heat Exchanger Low Temp	100% Now Obsolete Equipment, Location : Mech Ro		2051 rea Affect	* * red : 100%	4	\$4,300	В
Sanitary Piping Cast Iron	100% Now Corroded, Extent : S. Location : Lower L		LIFE d : 80%	* *	1		В
Fixtures Generic	100% Obsolete Fixtures, E. Location : Through		Affected	: 100%			В
Fire Suppression							
Standpipe Generic	100% Now Corroded, Extent : So Location : Through		2051 d : 100%	* *	1-5	\$15,300	В

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

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

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Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 09-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2,c

Block : 1671 Lot : 23 BIN : 1052640

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,287,100	\$77,900
Interior Architecture	\$2,307,900	\$80,000
Electrical	\$35,300	
Mechanical	\$42,200	\$400,300
Total	\$3,672,500	\$558,200
Priority A	\$1,287,100	\$77,900
Priority B	\$2,075,000	\$400,300
Priority C	\$310,400	\$80,000
Total	\$3,672,500	\$558,200

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture		\$7,400		
Interior Architecture	\$26,500			\$500
Electrical	\$7,400	\$100	\$300	\$46,200
Mechanical	\$96,900	\$12,100	\$7,500	\$39,500
Total	\$130,800	\$19,600	\$7,800	\$86,200
Priority A		\$7,400		
Priority B	\$130,800	\$12,200	\$7,800	\$85,700
Priority C				\$500
Total	\$130.800	\$19,600	\$7,800	\$86,200



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

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

Asset #: 4184

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 Code
terior								
Exterior Walls	1.00/			LIEE	* *	_	\$2,000	A
Concrete Masonry Unit	10% 80%		\$623,900	LIFE LIFE	* *	5 5	\$3,000 \$38,000	A A
Masonry: Brick			\$023,900 nents, Extent : Seve			3	\$38,000	А
		n : South Fe		70,71700	Typected : 2070			
	Diagonal	Cracks, Ex	tent : Severe, Area	Affected	: 30%			
		n : Corners						
	Misaligne	ed/Bulging,	Extent : Severe, Ar	ea Affeci	ted : 40%			
			acade, Southeast A					
			derate, Area Affec	ted : 40%	ó			
		n : West Fa	cade ————————————————————————————————————					
Metal Coiling Doors	10%			2035	* *	5	\$14,900	Α
Windows	1.000/	N	Φ264 400	20.47	* *	~	#20.000	
Steel	100%		\$364,400 nt : Moderate, Area	2047		5	\$39,900	Α
	-	anon, Exten n : Through		і Ајјесіес	l : 40%			
		_	ets, Extent : Moder	ate. Area	Affected: 30%			
		n : Through		arc, 111 ca	11,100,000			
		_	Extent : Moderate, 1	Area Affe	ected : 60%			
		n : Through		33				
Parapets								
Masonry: Brick	100%		\$164,500	LIFE	* *	5	\$2,500	A
	_		Extent : Moderate,		fected : 35%			
			acade, Corners, Co					
			derate, Area Affec	ted : 50%	ó			
		n : Inside F	ace : : Moderate, Area	Affactad	. 750/			
		n : Through		Ајјестеи	. 7370			
Roof	Locario	t. Inrough	Oui					
Single Ply Membrane	100%	Now	\$134,300	2032	* *			A
3	Debris Pr	esent, Exte	nt : Moderate, Are	a Affecte	d: 20%			
	Location	n : Through	out					
			ent : Moderate, Arc	ea Affecte	ed : 25%			
		n : Through						
	_		oderate, Area Affec	ted : 20%	6			
		n : Through		r 1 .	4 4 66 . 1 20	0.7		
		ir/Impact L n : North	amage, Extent : M	oderate,	Area Affected : 20	%		
			Extent : Moderate,	Area Aff	octed · 20%			
		n Growin, 1 n : Through		инен АД	ecieu . 20/0			
			Sxtent : Moderate, 1	Area Affø	cted : 10%			
		n : North	1.10001000, 1					
			Extent : Severe, Are	a Affecte	ed : 100%			
		n : Through		55				
	Explana	tion : Struc	turally Unstable D	ue To Ro	otted Wood Beams			

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 #: 4184

Architecture		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 Code
nterior								
Floors								
Cast in Place Concrete		_	\$163,100 Extent: Moderate ; 2nd Floor	LIFE , Area Aj	* * ffected : 35%	5	\$80,000	С
	-	Evident, E.: 2nd Floo	xtent : Severe, Ared r	a Affecte	d : 15%			
Vinyl Tile	Location	: Garage	\$37,800 xtent : Severe, Area			3	\$1,500	С
		led, Extent : 2nd Floo	: Severe, Area Affe r	ected : 75	5%			
Interior Walls								
Cast Stone/Terra Cotta	25%			LIFE	* *			C
Concrete Masonry Unit	25%			LIFE	* *	5	\$1,700	C
Masonry: Brick		0-2 · Miss/Erod : Through	\$109,500 l, Extent : Moderat out	LIFE e, Area A	* * Affected : 40%			С
Ceilings								
AcousTileSusp.Lay-In		Now led, Extent : Througho	\$26,500 : Moderate, Area A out	2042 Affected	* *	5	\$2,000	В
Exposed Struc: Wood	Location Worn/Eroc	: Wood Jo led, Extent	\$1,997,500 at: Severe, Area Affist Framing System : Severe, Area Affe ist Framing System	i ected : 50				В

Electrical	Current Repair	ſ	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estin	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2048	* *	5	\$800	В
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location: Electrical Roo	om					
	Explanation: One Electr	ical Service R	ated At .	200 Amps			
Raceway							
Conduit	100%		2022	\$21,100	1		В
Panelboards							
Molded Case Bkrs	80%		2021	\$13,200	5	\$600	В
Molded Case Bkrs	20%		2038	* *	5	\$200	В
Wiring							
Braided Cloth	50% 2-4	\$7,400	2047	* *	1		В
	Insulation Aged, Extent : N Location : Throughout	Ioderate, Ared	a Affecte	ed : 100%			
Thermoplastic	50%		2022	\$7,400	1		В

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

Asset #: 4184

Electrical	Current Repair	Future	Replacement	M	aintenance				
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Under 600 Volts									
Motor Controllers									
Locally Mounted	100%	2020	\$16,600	5	\$200	В			
Ground									
Grounding Devices									
Not Accessible	100%					D			
Lighting									
Interior Lighting									
Fluorescent	60%	2017	\$35,300	10	\$14,900	В			
	Other Observation, Extent : Moder	ate, Area Affe	cted : 100%	100%					
	Location: Throughout								
	Explanation: T-12 Lamps								
HID	20%	2017	\$3,300	10	\$200	В			
Incandescent	20%	2017	\$11,800	2	\$100	В			
Egress Lighting									
Exit, Service	50%	2017	\$2,200	1		В			
Exit, Battery	50%	2017	\$11,000	10	\$900	В			
Exterior Lighting									
HID	100%	2017	\$1,800	10	\$100	В			

echanical	Current Repair	Future I	Replacement	M	aintenance				
stem Component Type	% of Fail Date Estimated C Total (Years)	ost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
ating									
Energy Source				_		_			
Fuel Oil No 2	100%	2032	* *	5	\$8,400	В			
	1	Exposed Tank(s), Extent: Light, Area Affected: 100%							
	Location : Side Yard - One Tank 2	2500 Gal							
Conversion Equipment						_			
Steam Boiler	100%	2020	\$147,100	1	\$26,900	В			
	Other Observation, Extent : Light, A	Area Affected : .	100%						
	Location : Boiler Room								
	Explanation : One Unit								
Distribution									
Steam Piping/Pump	100% Now \$21,1		* *	4	\$1,300	В			
	Corroded, Extent : Severe, Area Affected : 50%								
	Location : Boiler Room								
	Steam Traps Faulty, Extent : Light,	00							
	Location : Throughout Garage Ar	ıd Boiler Room							
Terminal Devices									
Convector/Radiator	60% Now \$17,1		* *	1	\$4,700	В			
	Corroded, Extent : Severe, Area Aff	fected : 50%							
	Location: Various Locations								
Fan Coil Unit/Heat	40%	2022	\$181,000	1	\$3,500	В			
	Other Observation, Extent : Light, A	Area Affected :	100%						
	Location : Throughout The Garag	ge .							
	Explanation: Works Off The Stea	m Coils							

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Asset #: 4184

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning	•			•				•
Energy Source								
Electricity	100%			2038	* *	1		В
Conversion Equipment								
Window/Wall Unit	25%			2017	\$15,500	1		В
No Component	75%							D
Ventilation								
Distribution	1000/		#2 < 100	r ree	ماد ماد	2.5	Φ1 5 100	ъ
Ductwork/Diffusers		Now	\$26,100	LIFE	* *	2-5	\$15,100	В
	_		loderate, Area Affe	cted : 20	%			
	Location :	2na Floo	or					
Exhaust Fans	200/			2017	¢	2	¢200	D
Interior	20% 40%	0-2	\$0,600	2017	\$6,700 * *	2	\$200	В
Roof			\$9,600 t : Severe, Area Aff	2032		2	\$300	В
	Location :		i : Severe, Area Ajj	eciea : 5	0%			
*** ** **			Φ10.200	2022	* *		Φ200	
Wall Unit		Now	\$18,300	2032		2	\$300	В
			lerate, Area Affecte	ed: 100%	Ó			
	Location :	Inrougn	out					
Plumbing								
H/C Water Piping	200/			2022	¢10,000	1		D
Brass/Copper	20%			2022	\$18,000	1		В
Galv Iron/Steel	80%	7t.at . I .	ialet Amaa Affaatad	2020	\$72,200	1		В
	Location :		ight, Area Affected	: 25%				
Water Heater	Locuiton.	Dusemen	···					
Electric	100%			2017	\$4,700	4	\$200	В
Electric		mation E	Extent : Light, Area			4	\$200	Б
	Location :		zieni . Ligni, Area	Ајјестеи	. 100/0			
			Accessible For Exa	mination				
Sanitary Piping	Ехринин	Jii . 1401 1	iccessione I of Lan	mmunon				
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	10070			Dir E		-		
Cast Iron	100%	0-2	\$42,200	LIFE	* *	1		В
Cust Hon			Extent : Severe, Are		ed : 20%	•		Ь
	Location:		,	33				
Sump Pump(s)		<i>J</i>						
Submersible	100%			2015	\$6,100	4	\$2,000	В
Backflow Preventer	- 30,0				+0,200	<u> </u>	,000	<u> </u>
Generic	100%			2027	* *	1	\$1,700	В
Fixtures							+-,. 30	•
Generic	100%							В
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	\$13,700	В
Sprinkler								
Generic	100%			2042	* *	1-2	\$7,600	В

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Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : MANHATTAN 12 GARAGE Address : 301 WEST 215TH STREET

Borough : MANHATTAN Agency's Number : N/A

Date of Survey : 12-Mar-2009 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2196 Lot : 1 BIN : 1064485

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$142,700	\$133,100
Interior Architecture	\$47,400	\$185,000
Electrical	\$71,000	\$28,800
Mechanical		\$1,133,100
Total	\$261,100	\$1,479,900
Priority A	\$142,700	\$133,100
Priority B	\$71,000	\$1,161,900
Priority C	\$47,400	\$185,000
Total	\$261,100	\$1,479,900

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$40,600			
Interior Architecture	\$32,600	\$3,700	\$5,000	\$600
Electrical	\$35,300	\$55,500		
Mechanical	\$58,400	\$33,300	\$13,000	\$6,200
Total	\$167,000	\$92,400	\$18,000	\$6,800
Priority A	\$40,600			
Priority B	\$103,200	\$88,700	\$13,000	\$6,200
Priority C	\$23,200	\$3,700	\$5,000	\$600
Total	\$167,000	\$92,400	\$18,000	\$6,800



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

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

Asset #: 140

rchitecture		Current F	Repair	Futur	e Replacement	nt Maintenance		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior								
Exterior Walls								
Concrete Masonry Unit	53%			LIFE	* *	5	\$28,500	A
Concrete Masonry Unit	10%		\$29,200	LIFE	* *	5	\$5,400	A
		-	ents, Extent : Mod Southeast Corner	erate, Ar	ea Affected : 15%			
Masonry: Brick	10%	Now	\$5,600	LIFE	* *	5	\$8,600	A
	Location	n : 2nd Floo	Extent : Severe, Are or Of Facade Facin Cover Loose		ed : 20%			
Masonry: Granite	2%			LIFE	* *	5	\$1,300	A
Metal Sect. OHD	25%			2033	* *	5	\$67,200	A
Windows							· /	
Aluminum	93%	Now	\$50,500	2036	* *	5	\$5,400	A
		e Missing, E n : Offices	Extent : Moderate, A	Area Affe	ected : 10%			
Glass Block	5%			LIFE	* *	5	\$400	A
Metal Louvers	2%			2023	\$7,500	10	\$1,400	A
Parapets								
Masonry: Brick	75%			LIFE	* *	5	\$6,900	A
Metal Panel	5%		\$1,900	2040	* *	5	\$900	A
		issing Elem 1 : Coping	ents, Extent : Mod	erate, Ar	ea Affected : 10%			
Metal Rail	20%	Now	\$3,900	2033	* *	5	\$13,000	A
		n/Rusting, E n : Through	xtent : Moderate, A out	Area Affe	ected : 25%			
		ted Finish, 1 : Through	Extent : Moderate, out	Area Af	fected : 50%			
Roof								
Modified Bitumen			ent, Extent : Light, . out	2030 Area Aff	* * ected : 100%	10	\$133,100	A
Skylight, Metal/Glass	5% Miss/Dan	Now	\$92,100 ings, Extent : Mode	2040 erate, Ar	* * rea Affected : 10%			A
		netration, E n : Locker R	xtent : Moderate, A Rooms	rea Affe	cted : 10%			

Interior

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

Asset #: 140

rchitecture	Current	Repair	Futur	Future Replacement		Maintenance			
ystem Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
terior									
Floors									
Cast in Place Concrete	65% 0-2	\$47,400	LIFE	* *	5	\$139,400	C		
	=	g, Extent : Moderate	, Area Aj	ffected : 5%					
	Location : Garage								
	_	ted, Extent : Modera	ite, Area	Affected: 15%					
	Location : Garage								
Ceramic Tile	10% Now	\$21,200	2029	* *	5	\$4,900	C		
	_	ments, Extent : Mod		ea Affected : 10%					
		nics Exit, Restrooms							
Quarry Tile	15%		2033	* *	5	\$22,100	C		
Sheet Vinyl/Rubber	5%		2025	* *	5	\$7,400	C		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Stairs								
	Explanation : Rub	ber Vinyl							
Vinyl Tile	5%		2020	\$45,600	3	\$2,500	С		
Interior Walls					_				
Ceramic Tile	7%		2029	* *	5	\$2,800	C		
Concrete Masonry Unit	85%		LIFE	* *	5	\$13,500	C		
Glass: Single Pane	3%		LIFE	**	5	\$900	С		
Metal Coiling Doors	5%		2036	* *	5	\$10,000	С		
Ceilings	120/ Na	¢1 700	2025	* *	5	¢c 400	D		
AcousTileSusp.Lay-In	13% Now	\$1,700 g, Extent : Severe, A			3	\$6,400	В		
	Location : Offices	_	тей Ајјес	.tea . 1570					
		Extent : Light, Area	Affected	. 10%					
	Location : Offices	_	Пуссиси	. 1070					
		nt : Light, Area Affec	rted · 5%	,					
	Location : Offices	-							
Exposed Struc: Steel	80%		LIFE	* *			В		
Gypsum Board	2%		LIFE	* *	5	\$2,500	В		
Metal Panel	5% 0-2	\$7,800	LIFE	* *	5	\$6,100	В		
Mictal Lanci		Extent : Severe, Are		d : 10%	3	ψ0,100	D		
	Location : Restroe								

Electrical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						•
Service Equipment						
Fused Disc Sw	100%	2020	\$5,100	5	\$300	В
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%			
	Location : Electrical Room					
	Explanation: 2000 Amps Service					
Switchgear / Switchboard						
Fused Disc Sw	75%	2020	\$21,800	5	\$200	В
Molded Case Bkrs	25%	2020	\$7,300	5	\$500	В

Maintenance \$ are aggregated over a ten-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	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Raceway							
Conduit	80%		2020	\$28,800	1		В
Conduit	20%		2030	* *	1		В
Panelboards					_		_
Molded Case Bkrs	80%		2019	\$22,000	5	\$1,600	В
Molded Case Bkrs	20%		2028	* *	5	\$400	В
Wiring	0.007		2020	Φ21 100			
Thermoplastic	80%		2020	\$21,400	1		В
Thermoplastic	20%		2030	* *	1		В
Motor Controllers	5 00/		2010	Φ2 < 100	_	4200	
Locally Mounted	70%		2018	\$26,100	5	\$300	В
Motor Control Center	30%		2018	\$11,200	5	\$600	В
Ground							
Grounding Devices	1000/		LIFE	* *	_	¢1 100	D
Generic	100%		LIFE		5	\$1,100	В
Lighting Interior Lighting							
Fluorescent	50%		2015	\$71,000	10	\$30,000	В
Puorescent	Other Observation, 1	Extent : Moderate)			10	\$30,000	ь
	Location : Through		17 00 7 1990				
	Explanation: T-8 I						
Fluorescent	15% Now	\$21,300	2030	* *			В
Fluorescent	Not in Service, Exter			. 100%			Ь
	Location : 2nd Flo		пусстей	. 10070			
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location: Through		1764 11996	cieu . 10070			
	Explanation: T-8 I						
HID	30%	zamps	2015	¢11 000	10	\$600	В
	5%		2015	\$11,800 \$7,100		\$600 \$100	В
Incandescent	3%		2015	\$7,100	2	\$100	В
Egress Lighting	50% Now	¢12 200	2030	* *			В
Emergency, Battery	Not Functioning, Ex	\$13,300					В
	Location: Through		си Ајјест	еи . 10070			
D : 0		wui	2017	ΦΕ 200	- 1		
Exit, Service	50%		2015	\$5,300	1		В

Mechanical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating	•					
Energy Source						
Fuel Oil No 2	100%	2030	* *	5	\$20,300	В
Conversion Equipment						
Hot Water Boiler	100%	2033	* *	1	\$32,500	В
	Other Observation, Extent : Light, Area	Affected	: 100%			
	Location: Basement Boiler Room					
	Explanation: 2 Units					

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Asset #: 140

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 Code	
Heating									
Distribution								_	
Hot Wtr Piping/Pump	Location Insul. Det	: Boost Pi eriorating,	\$18,300 Ioderate, Area Affe umps And Pipings Extent : Moderate, oom And Througho	Area Af		4	\$3,200	В	
Terminal Devices									
Air Handler	20%		\$3,900	2020	\$78,600	1	\$7,300	В	
			t : Severe, Area Aff ker Room, Toilet Ro						
Convector/Radiator	10%			2025	* *	1	\$2,100	В	
Fan Coil Unit/Heat	70%			2020	\$764,000	1	\$14,800	В	
Air Conditioning									
Energy Source	400			2025	.a. •			ъ.	
Electricity	100%			2036	* *	1		В	
Conversion Equipment Int Pkg Unit - Heating/Cooling	20%	Now	\$29,000	2018	\$290,400	2	\$600	В	
riousing cooming	Not in Ser	vice, Exten	t : Moderate, Area	Affected	: 10%				
	Location	: For Loca	ker Room, Toilet Ro	oom, Per	ıthouse				
No Component	80%							D	
Heat Rejection									
Air Condenser Unit	20%			2020	\$5,800	2	\$9,100	В	
No Component	80%							D	
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$36,500	В	
Exhaust Fans									
Roof	100%			2025	* *	2	\$2,000	В	
Plumbing									
H/C Water Piping	500 /			2020	* *	1		ъ	
Brass/Copper	50%			2030	**	1		В	
Galv Iron/Steel	50%			2033	4. 4.	1		В	
Water Heater Gas Fired	100%	Now	\$300	2015	\$17,000	2	\$800	В	
Gas Filed			: Moderate, Area A			2	\$600	Ь	
			Vater Storage Tank		3070				
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1		В	
Storm Drain Piping	100/0								
Cast Iron	100%			LIFE	* *	1		В	
Fixtures	/0							-	
Generic	100%							В	

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : MANHATTAN 2 GARAGE GANSEVOORT

Address : 2 BLOOMFIELD STREET

Borough : MANHATTAN Agency's Number : N/A

Date of Survey : 21-Jun-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 651 Lot : 1 BIN : 1083566

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$888,500	\$352,900
Interior Architecture	\$139,700	\$133,700
Electrical		\$40,000
Total	\$1,028,300	\$526,500
Priority A	\$888,500	\$352,900
Priority B		\$40,000
Priority C	\$139,700	\$133,700
Total	\$1,028,300	\$526,500

Total	\$112,700	\$6,800	\$6,700	\$47,600
Priority C	\$26,300			\$1,000
Priority B	\$39,700	\$6,800	\$6,700	\$46,600
Priority A	\$46,700			
Total	\$112,700	\$6,800	\$6,700	\$47,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$6,200	\$1,500	\$2,400	\$26,900
Electrical	\$7,400	\$400	\$300	\$15,700
Interior Architecture	\$48,500	\$1,000		\$1,000
Exterior Architecture	\$46,700			
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



Maintenance \$ are aggregated over a 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 2 GARAGE GANSEVOORT

Asset #: 4181

Architecture	Current Repa	Current Repair Future Replaceme		M		
System Component Type	% of Fail Date Est Total (Years)		ear Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
xterior						
Exterior Walls Masonry: Brick	85% Now	\$514,400 LI	FE **	5	\$39,200	A
	Diagonal Cracks, Extent : Location : North West C		Affected : 5%			
	Horizontal Cracks, Extent Location : North Facade		Affected: 5%			
	Jnt Mortar Miss/Erod, Ext Location : North Facade		rea Affected : 100%			
	Misaligned/Bulging, Exter Location : South East Co		ffected : 10%			
Masonry: Granite	5% Now Cracking/Crumbling, Exte	ent : Moderate, Ar	FE ** ea Affected : 10%	5	\$1,700	A
Metal Coiling Doors	10% Now Broken/Missing Elements, Location : Throughout		020 \$276,100 e, Area Affected : 30%		\$7,200	A
Windows						
Aluminum	100% Now Air Infiltration, Extent: M. Location: Throughout Glazing Broken/Cracked,	loderate, Area Aff		5	\$3,100	A
	Location: Throughout		, in early cerea . 20%			
Parapets						
Masonry: Brick	90% Now Diagonal Cracks, Extent: Location: At South East	Moderate, Area A Corner		5	\$2,200	A
	Horizontal Cracks, Extent Location: East Facade					
	Jnt Mortar Miss/Erod, Ext Location : East Facade	tent : Moderate, A	rea Affected : 50%			
	Misaligned/Bulging, Exter Location: South And We		a Affected : 5%			
Pre-Cast Concrete	10% Now Cracking/Crumbling, Exte		FE ** ea Affected : 30%	5	\$1,500	A
Roof	1000/	2/	122 **	1.0	ф 27.5 00	
Modified Bitumen	100% Recent Replace Evident, E Location : Throughout		132	10	\$37,500	A

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 MANHATTAN 2 GARAGE GANSEVOORT

Asset #: 4181

Architecture		Current F	Repair	Future Replacement		Maintenance			
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Interior									
Floors	= 00/		402.000		* *	_	4.50.200	~	
Cast in Place Concrete	70%	Now	\$82,000	LIFE		5	\$60,300	С	
	Location .		Extent : Moderate	, Area Aj	ffected: 15%				
			out : Moderate, Area 1	A CC a a t a d	. 200/				
			: Moderaie, Area I r Of 3 Story Structu		: 20%				
G : T''					* *		Φ2.000		
Ceramic Tile	10%	Now	\$4,300	2025		5	\$2,000	C	
	_	rumoung, : Through	Extent : Light, Are	га Ајјеси	ea : 10%				
V. 1001				2022	Φ72.200		Ф2.000		
Vinyl Tile	20%	Now	\$22,000	2022	\$73,300	3	\$3,000	C	
	_	rumbung, : Through	Extent : Severe, A	rea А ЈЈес	Aea : 30%				
Interior Walls	Location .	. Inrough	Ош						
Cast in Place Concrete	15%			LIFE	* *			С	
Concrete Masonry Unit	5%			LIFE	* *	5	\$300	C	
SGFT/Glazed Masonry	80%	Now	\$57,700	LIFE	* *	3	Ψ300	C	
SGI 1/Glazea Wasoniy			Extent : Moderate		ffected : 10%			C	
	Location	_		,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
		_	d, Extent : Moderat	e, Area A	Affected : 10%				
		: Through							
Ceilings									
AcousTileSusp.Lay-In	5%			2035	* *	5	\$2,000	В	
Exposed Concrete	20%			LIFE	* *	5	\$1,200	В	
Exposed Concrete	5%	Now	\$22,200	LIFE	* *	5	\$300	В	
	Broken/Missing Elements, Extent: Moderate, Area Affected: 10%								
			erior Driveway At I						
	-	-	ent, Extent : Moder		a Affected : 5%				
	Location	: 1st Floor	r Of 3 Story Structu	ire					
Exposed Concrete	60%			LIFE	* *	5	\$3,700	В	
			xtent : Light, Area	Affected	: 5%				
	Location	: Garage 1	Area						
Exposed Struc: Steel	5%			LIFE	* *			В	
Gypsum Board	5%			LIFE	* *	5	\$2,500	В	

Electrical	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 Code
Under 600 Volts						
Service Equipment						
Air Circuit Breaker	100%	2022	\$1,600	5	\$200	В
	Other Observation, Extent: Moderate,	Area Affecte	ed : 100%			
	Location : Electrical Room					
	Explanation : Name Plate Missing					

 $[\]label{lem:maintenance} \textit{Maintenance \$ are aggregated over a 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 2 GARAGE GANSEVOORT

Asset #: 4181

Electrical	Current Repair	Future I	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year E	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Transformers						
Dry Type	100%	2027	* *	5	\$100	В
	Other Observation, Extent : Mo	derate, Area Affecte	ed : 100%			
	Location : Electrical Room					
	Explanation : Rated At 208/48	80v				
Switchgear / Switchboard Air Circuit Breaker	100%	2022	\$19,400	5	\$200	В
Raceway						
Conduit	95%	2022	\$20,100	1		В
Conduit	5%	2032	* *	1		В
Panelboards						
Fused Disc Sw	10%	2030	* *	5	\$100	В
Molded Case Bkrs	85%	2021	\$14,100	5	\$700	В
Molded Case Bkrs	5%	2030	* *	5		В
Wiring						
Braided Cloth		7,400 2047	* *	1		В
	Insulation Aged, Extent : Moder Location : Electrical Room	cate, Area Affected .	: 100%			
Thermoplastic	5%	2032	* *	1		В
Thermoplastic	45%	2022	\$6,600	1		В
Motor Controllers						
Locally Mounted	25%	2020	\$4,100	5	\$100	В
Motor Control Center	75%	2020	\$12,400	5	\$600	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$400	В
	Other Observation, Extent: Mo	derate, Area Affecte	ed : 100%			
	Location : Pump Room					
	Explanation : Water Main					
Lighting						
Interior Lighting	700/	2022	Φ40.000	1.0	Ф1 6 000	ъ
Fluorescent	70%	2022	\$40,000	10	\$16,900	В
	Other Observation, Extent : Mo	aerate, Area Affecte	ea : 100%			
	Location: Throughout					
	Explanation: T-12 Lamps					
HID	30%	2022	\$4,800	10	\$300	В
Egress Lighting	500/	2015	02.10 2			ъ
Exit, Service	50%	2017	\$2,100	1	4000	В
Exit, Battery	50%	2017	\$10,700	10	\$900	В
Exterior Lighting	1000/	2017	φ4 OCC	1.0	4100	D
HID	100%	2017	\$1,800	10	\$100	В

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

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 MANHATTAN 2 GARAGE GANSEVOORT

Asset #: 4181

Mechanical		Current Repair Fu		Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								_
Electricity	5%			2032	* *	1		В
Natural Gas	95%			2032	* *	1		В
Conversion Equipment	5 0/			2022	Φ.ς. ΕΩΩ	2	Φ.co.o.	D
Radiant Heater	5%			2022	\$6,500	2	\$600	В
		ervation, E : 2nd Floo	Extent : Light, Area	Ајјестеа	.: 5%			
			or ectric Baseboard He	aatars				
No Commonant		ion . 5 Eie	ciric Baseboara III	euters				D
No Component Terminal Devices	95%							D
Fan Coil Unit/Heat	95%			2030	* *	1	\$8,100	В
ran Con Ombreat		ervation E	Extent : Light, Area			1	\$6,100	Б
			out Garage	Пусстей	. 7570			
			as Fired Units					
No Component	<u> </u>	1011 . 11 0	as I trea critis					D
Air Conditioning	370							D
Energy Source								
Electricity	100%			2038	* *	1		В
Conversion Equipment	10070							
Window/Wall Unit	30%			2017	\$18,100	1		В
No Component	70%				, -,			D
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	\$4,400	В
No Component	70%							D
Exhaust Fans								
Roof	50%	Now	\$600	2022	\$11,700	2	\$300	В
			lerate, Area Affecte					
	-	: One Exh	aust Fan Out Of T					
Wall Unit	50%			2022	\$22,200	2	\$400	В
Plumbing								
H/C Water Piping								_
Brass/Copper	20%			2032	* *	1		В
Galv Iron/Steel	80%			2027	* *	1		В
Water Heater	500/	3.7	Φ2.400	2022	Φ2 400	2	Φ200	D
Gas Fired	50%	Now	\$3,400	2022	\$3,400	2	\$200	В
		: 2 Units	ere, Area Affected :	100%				
			Extent : Light, Area	Affactad	1 • 100%			
		ervanon, E : Through		Ајјестеи	. 100%			
		: 1 nrougn tion : 4 Un						
Gas Fired	50%	+ UN		2017	\$3,400	2	\$200	В
	30%			2017	\$3,400	2	\$200	D
Sanitary Piping Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	100%			LIFE		1		מ
Cast Iron	100%			LIFE	* *	1		В
Cast Holl	100%			LIFE		1		ט

Maintenance \$ are aggregated over a 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 2 GARAGE GANSEVOORT

Asset #: 4181

Mechanical	Current Repair	Future Re	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year Esti	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Backflow Preventer						
Generic	100%	2022	\$2,800	1	\$1,600	В
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			C
	Other Observation, Extent .	Light, Area Affected : 100	0%			
	Location: B-4					
	Explanation: 1 Unit - No.	t In Service				
Fire Suppression						
Standpipe						
Generic	100%	2032	* *	1-5	\$13,800	В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : MANHATTAN 2/4 GARAGE (FORMER GANSEVOORT MTS)

Address : 2 BLOOMFIELD STREET WEST STREET & HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A

Date of Survey : 09-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 651 Lot : 1 BIN : 1083564

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,189,800	\$366,000
Interior Architecture	\$1,619,600	\$62,200
Electrical		\$150,900
Mechanical		\$546,400
Total	\$2,809,500	\$1,125,600
Priority A	\$1,189,800	\$366,000
Priority B	\$1,177,300	\$697,300
Priority C	\$442,300	\$62,200
Total	\$2,809,500	\$1,125,600

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$40,700			
Interior Architecture	\$65,400			\$800
Electrical	\$35,900	\$200	\$200	\$400
Mechanical	\$15,400	\$2,300	\$4,800	\$1,600
Total	\$157,400	\$2,500	\$5,100	\$2,900
Priority A	\$40,700			
Priority B	\$51,300	\$2,500	\$5,100	\$2,100
Priority C	\$65,400			\$800
Total	\$157,400	\$2,500	\$5,100	\$2,900



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

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

Asset #: 118

rchitecture	Current Repair Future Replacement Maintenance						
stem Component Type	% of Fail Date Est Total (Years)		ear Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior							
Exterior Walls					_		
Cast in Place Concrete	8% 0-2 Cracking/Crumbling, Ext Location: Throughout		IFE Affected : 10%	* *	5	\$35,700	A
Cement-Fiber Panel	35% Now Broken/Missing Elements Location: Lower Level Other Observation, Exten Location: Steel Membe	e, Extent : Severe, at : Moderate, Are	Area Affected :				A
	Explanation: Corrosion						
Concrete Masonry Unit	2% Now Diagonal Cracks, Extent Location: Pump Room	\$18,200 L : Severe, Area Aff	IFE ected : 25%	* *	5	\$1,100	A
	Horizontal Cracks, Exten Location: Pump Room Vertical Cracks, Extent:	t : Severe, Area Ą At Lower Level	-				
	Location: Pump Room		.ieu . 2070				
Exposed Struc: Steel	5% 2-4 Corrosion/Rusting, Exten Location: Steel Column	\$99,200 L t : Moderate, Area	IFE a Affected : 109	**	5	\$14,000	A
Fiberglass Panel	50%		026	* *	5	\$167,500	A
Windows							
Steel	100% Now Bent/Warped Elements, E Location: Throughout Corrosion/Rusting, Exten Location: Throughout Deteriorated Finish, Exte Location: Throughout Thermally Inefficient, Ext Location: Throughout	Extent : Moderate, t : Moderate, Area ent : Moderate, Ar	n Affected : 50%	%	5	\$21,000	A
Roof							
Metal Panel	100% Now Corrosion/Rusting, Exten Location: Throughout Explanation: null Deformed/Dented, Extent Location: Throughout Explanation: null	t : Moderate, Ared : : Moderate, Ared	Affected: 25%	ó			A
erior	Explanation : null Gut/DS Non Func/Miss, I Location : Throughout	Extent : Moderate,	Area Affected	: 25%			

Interior

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

Asset #: 118

Architecture	Current Repair	Futur	Future Replacement		Maintenance	
lystem Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior Floors	•					
Asphalt Macadam	40% Now Cracking/Crumbling, Exten Location: Upper Level Other Observation, Extent: Location: Upper Level Explanation: Water Pene	Moderate, Area Affe	-	5	\$6,300	С
Cast in Place Concrete	45% Now Cracking/Crumbling, Exten Location: Throughout	\$253,800 LIFE at : Severe, Area Affec	* * cted : 60%	5	\$62,200	С
Ceramic Tile	1% Now Cracking/Crumbling, Exten Location: Throughout	\$5,500 2026 at : Severe, Area Affec	* * cted : 40%	5	\$300	С
Vinyl Tile	10% Now Adhesion Failure, Extent: 1 Location: Offices Cracking/Crumbling, Extent Location: Offices			3	\$2,400	С
Wood	4% 4+ Deteriorated Finish, Extent Location: Throughout Worn/Eroded, Extent: Mod Location: Throughout			5	\$2,400	С
Interior Walls						
Concrete Masonry Unit	4% 0-2 Cracking/Crumbling, Exten Location: Throughout	\$7,100 LIFE at: Moderate, Area A	* * ffected : 30%	5	\$300	С
Fiberglass Panel	65% Now Broken/Missing Elements, E Location: Throughout	\$67,700 LIFE Extent : Severe, Area	* * Affected : 50%			С
Gypsum Board	1% Now Cracking/Crumbling, Exten Location: Outside Electri	-	* * ffected : 10%	5	\$100	С
Metal Panel	5% 0-2 Deformed/Dented, Extent: Location: Throughout	\$7,500 LIFE Severe, Area Affected	**			С
SGFT/Glazed Masonry	25% 0-2 Cracking/Crumbling, Exten Location: Office Horizontal Cracks, Extent: Location: Office					С

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

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

Asset #: 118

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 Code
Interior								
Ceilings								
Exposed Concrete	50%	Now	\$475,700	LIFE	* *	5	\$4,900	В
	Corrosion	Rusting, E.	xtent : Severe, Area	a Affecte	d : 25%			
	Location	: Steel Me	mbers At Lower Le	vel				
	Cracking/0	Crumbling,	Extent : Moderate	, Area A	ffected : 20%			
	Location	: Steel Me	mbers At Lower Le	vel				
	Loose/Dela	am Surface	, Extent : Severe, A	Area Affe	cted : 20%			
	Location : Steel Members At Lower Level							
	Water Pen	etration, E.	xtent : Severe, Area	a Affecte	d : 25%			
	Location	: Lower Le	evel					
Exposed Struc: Steel	50%	0-2	\$701,600	LIFE	* *			В
	Corrosion	Rusting, E.	xtent : Severe, Ared	a Affecte	d : 30%			
	Location	: Through	out					

lectrical	Current Repair	Future	Replacement	M		
stem Component Type	% of Fail Date Estimated Cos Total (Years)	st Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
der 600 Volts						
Service Equipment Air Circuit Breaker	70%	2023	\$19.600	5	\$200	В
	Other Observation, Extent : Moderate Location : Electrical Room		, - ,		Ψ 2 00	2
	Explanation: Two 1200 Amps Main	n Disconnect	Switch			
Fused Disc Sw	30%	2043	* *	5	\$100	В
	Other Observation, Extent : Moderate	e, Area Affec	ted : 100%			
	Location: Electrical Room					
	Explanation: One 800 Amps Main	Disconnect S	witch			
Transformers						
Dry Type	100%	2036	* *	5	\$200	В
	Other Observation, Extent: Moderate	e, Area Affec	ted : 100%			
	Location: Electrical Room					
	Explanation: One 225 Kva 480hv-2	208/120lv				
Switchgear / Switchboard						
Molded Case Bkrs	75%	2023	\$76,400	5	\$1,000	В
Molded Case Bkrs	25%	2049	* *	5	\$300	В
Raceway						
Conduit	75%	2023	\$24,300	1		В
Conduit	25%	2049	* *	1		В
Panelboards						
Fused Disc Sw	5%	2045	* *	5	\$100	В
Fused Disc Sw	10%	2022	\$7,200	5	\$100	В
Molded Case Bkrs	25%	2045	* *	5	\$300	В
Molded Case Bkrs	60%	2022	\$43,000	5	\$800	В

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

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

Asset #: 118

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Wiring						
Braided Cloth		,700 2048	* *	1		В
	Insulation Aged, Extent: Severe,	Area Affected : .	100%			
	Location : Throughout					
Thermoplastic	30%	2023	\$8,700	1		В
Thermoplastic	30%	2049	* *	1		В
Motor Controllers						
Locally Mounted	75%	2021	\$7,600	5	\$200	В
Locally Mounted	25%	2040	* *	5	\$100	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$1,400	В
Lighting						
Interior Lighting						
Fluorescent	50%	2018	\$31,500	10	\$19,400	В
	Other Observation, Extent: Mode	erate, Area Affec	cted : 100%			
	Location : Throughout					
	Explanation: T-12 Lamps					
Fluorescent	20%	2031	* *	10	\$7,700	В
	Other Observation, Extent: Mode	erate, Area Affec	cted : 100%			
	Location: New Building Only					
	Explanation: T-8 Lamps					
HID	10%	2031	* *	10	\$100	В
HID	20%	2018	\$16,500	10	\$300	В
Egress Lighting						
Emergency, Battery	35%	2018	\$6,000	10	\$3,600	В
Emergency, Battery	15%	2031	* *	10	\$1,500	В
Exit, Service	35%	2018	\$2,400	1		В
Exit, Service	15%	2031	* *	1		В
Exterior Lighting						
HID	75%	2018	\$7,000	10	\$100	В
HID	25%	2031	* *	10		В

Mechanical	Current Repair	Future I	Replacement	M		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating		•				
Energy Source						
Electricity	100%	2043	* *	1		В
•	Recent Installation, Extent: Moder	ate, Area Affect	ed : 40%			
	Location : New Power For Modu	lar Buildings				
Terminal Devices						
Fan Coil Unit/Heat	40%	2028	* *	1	\$5,500	В
Fan Coil Unit/Heat	60%	2023	\$422,300	1	\$8,200	В

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.

Asset #: 118

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 Code
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		В
Conversion Equipment								
Ext Pkg Unit - Cooling	40%			2018	\$86,800	2	\$1,000	В
No Component	60%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$37,300	В
Exhaust Fans								
Roof	100%			2023	\$37,400	2	\$1,300	В
lumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		В
Water Heater								
Electric	100%			2018	\$7,300	4	\$400	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
		-	ent, Extent : Light, 1	Area Aff	ected : 10%			
	Location	ı : Lines To	Septic Tank					
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sewage Ejector(s)								
Compressed Air	100%			2023	\$26,000	4	\$2,000	В
Fixtures								
Generic	100%							В

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : MANHATTAN 8 GARAGE (FORMER INCINERATOR)

Address : 341 WEST 215 STREET

Borough : MANHATTAN Agency's Number : N/A

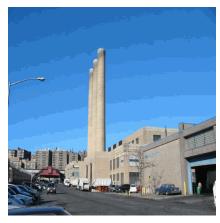
Date of Survey : 12-Mar-2009 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2196 Lot : 1 BIN : 1064485

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$2,582,000	\$257,400
Interior Architecture	\$1,068,600	\$271,400
Electrical	\$157,300	\$71,600
Mechanical		\$458,900
Total	\$3,807,900	\$1,059,300
Priority A	\$2,582,000	\$257,400
Priority B	\$400,900	\$530,600
Priority C	\$825,000	\$271,400
Total	\$3,807,900	\$1,059,300

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$20,700	\$6,500		\$1,200
Interior Architecture	\$43,700			\$900
Electrical	\$62,000	\$23,800		
Mechanical	\$50,600	\$33,700	\$3,300	\$3,300
Total	\$177,100	\$64,000	\$3,300	\$5,400
Priority A	\$20,700	\$6,500		\$1,200
Priority B	\$130,500	\$57,500	\$3,300	\$3,300
Priority C	\$25,900			\$900
Total	\$177,100	\$64,000	\$3,300	\$5,400



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

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

Asset #: 13643

Architecture	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior							
Exterior Walls Cast Stone/Terra Cotta	5% Now Cracking/Crumbling Location: Throug Crazing, Extent: M	hout oderate, Area Affect		* * ed : 20%	5	\$64,600	A
Masonry: Brick	Location: Throug 80% Now Cracking/Crumblin, Location: Throug Diagonal Cracks, E	\$868,100 g, Extent : Severe, A hout			5	\$132,300	A
	Location: Corner Jnt Mortar Miss/Erc Location: Throug Rusting Masonry Su Location: Throug	s od, Extent : Modera hout upt, Extent : Modera	te, Area Ą	ffected : 50%			
Masonry: Granite	5% Now Jnt Mortar Miss/Ero Location: Buildin		LIFE Area Affec	* * cted : 50%	5	\$6,200	A
Metal Sect. OHD	10% Now Other Observation, Location: Throug Explanation: Bro			* * l : 50%	5	\$25,800	A
Windows							
Aluminum	20% Recent Replace Evid Location : Throug	_	2042 Area Affe	* * cted : 100%	5	\$2,400	A
Steel	80% Now Bent/Warped Eleme Location: Throug Cracking/Crumblin, Location: Throug Deformed/Dented, I Location: Throug	hout g, Extent : Severe, A hout Extent : Severe, Ared hout	rea Affect a Affected	ed : 95% : 70%	5	\$60,400	A
	Glazing Broken/Cro Location: Throug		re, Area Aj	tfected : 90%			

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

Asset #: 13643

Architecture	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Parapets	1 <i>5</i> 0/ Na	¢20.700	LIDD	* *	_	¢2 100	A
Cast Stone/Terra Cotta	15% Now Cracking/Crumbling, Location: Coping Crazing, Extent: Sev. Location: Through Jnt Mortar Miss/Eroc	ere, Area Affected out	: 25%	ted : 25%	5	\$3,100	A
	Location : Coping	i, Esterii : Severe, i	11/04/1990	. 100/0			
Masonry: Brick	85% Now Cracking/Crumbling, Location: Through Diagonal Cracks, Ext Location: Corners Vertical Cracks, Exte	out tent : Severe, Area	Affected	: 25%	5	\$2,300	A
	Location : Through		ујестеа .	2070			
Roof	Location : Through						
Built-Up (BUR)	25%		2025	* *	10	\$6,500	A
Built-Up (BUR)	70% Now Blisters, Extent: Seve Location: Through Water Penetration, E. Location: Garage A Worn/Eroded, Extent Location: Through	out xtent : Severe, Are Area : Severe, Area Aff	2030 : 50% a Affected			, , ,	A
Skylight, Metal/Glass	5% Now Broken/Missing Elem Location: Main Roc Corrosion/Rusting, E	of xtent : Severe, Are					A
Total de la	Location : Main Roc	<u>of</u>					
Interior Floors							
Cast in Place Concrete	83% Now Cracking/Crumbling, Location: Through Horizontal Cracks, E Location: Through	out xtent : Moderate, A	e, Area A <u>f</u>		5	\$128,800	С
Ceramic Tile	5%		2023	\$76,700	5	\$3,500	С
Steel Plate	2% Now Corrosion/Rusting, E Location : Stairs Uneven Surface, Exte Location : Stairs				1		С
Vinyl Tile	10%		2020	\$66,000	3	\$3,500	С
· <i>y</i>				700,000		42,230	

Maintenance \$ are aggregated over a ten-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 F	Repair	Future Replacer	nent	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Estimated FY	l Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior							
Interior Walls Cast in Place Concrete	25% Now Cracking/Crumbling, Location: Old Inci. Vertical Cracks, Exte	nerator Area		* *			С
	Location : Old Inci	nerator Area					
Concrete Masonry Unit	10% Now Vertical Cracks, Exte Location : Office	\$25,000 ent : Moderate, Are	LIFE a Affected : 10%	* *	5	\$2,700	С
Masonry: Brick	40% Now Staining/Discoloring Location: Through Vertical Cracks, Exte Location: Multiple	out ent : Moderate, Are		* *			С
SGFT/Glazed Masonry	25% Now Diagonal Cracks, Ex Location: Near Re		LIFE rea Affected : 10%	* *			С
Ceilings							
Exposed Concrete	50% Now Cracking/Crumbling, Location: Garage of Spalling, Extent: Mod Location: Garage of Water Penetration, E Location: Garage of	Area derate, Area Affect Area Extent : Moderate, A	ted : 10%	**	5	\$5,500	В
Exposed Struc: Steel	35% Now Corrosion/Rusting, E Location: Garage . Staining/Discoloring Location: Garage .	Area , Extent : Moderate		**			В
Plaster	15% Now Cracking/Crumbling, Location: Through Water Penetration, E Location: Office	\$17,800 Extent : Moderate out		**	5	\$6,600	В

Electrical	С	urrent R	Repair	Futur	e Replacement	Ma	aintenance	
System Component Type		ail Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

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 #: 13643

Electrical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment Fused Knife Sw	Obsolete Equipment, Extent : Mo Location : 1st Floor			5	\$100	В
	Other Observation, Extent : Mod- Location : Electrical Room Explanation : 1000 Amps Servic		d : 100%			
Switchgear / Switchboard Molded Case Bkrs	100% 0-2 \$101 On Extended Life, Extent : Moder Location : Electrical Room	*	* * : 100%	5	\$600	В
Raceway	4000	2020	ф 22 400			
Conduit Panelboards	100%	2020	\$32,400	1		В
Molded Case Bkrs	100%	2019	\$71,600	5	\$1,200	В
Wiring Braided Cloth	50% 2-4 \$14 Insulation Aged, Extent : Modera Location : Throughout The Buil		* *	1		В
Thermoplastic	50%	2020	\$14,600	1		В
Ground			, , , , , , , ,			
Grounding Devices Generic	100%	LIFE	* *	5	\$700	В
Lighting					·	
Interior Lighting Fluorescent	20% Other Observation, Extent : Mode Location : Throughout	2015 erate, Area Affecte	\$14,200 d:100%	10	\$8,700	В
	Explanation: T-12 Lamps					
Fluorescent	10% Now \$7 Not in Service, Extent: Moderate Location: 1st Floor Other Observation, Extent: Mode Location: Throughout Explanation: T-12 Lamps	00				В
HID	60%	2015	\$55,400	10	\$900	В
HID		,200 2030 c, Area Affected : 1	* *			В
Lightning Protection Arresters/Cabling Generic	100% Now \$2	,500 2060	* *	5	\$100	В
	Other Observation, Extent : Mod- Location : Stacks Explanation : Not In Service	·	d : 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 #: 13643

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 Code
Heating								
Energy Source Fuel Oil No 2	100%			2030	* *	5	\$14,700	В
Conversion Equipment Hot Water Boiler	Location	ervation, E : Boiler Ri ion : 1 Uni		2037 Affected	**: 100%	1	\$23,500	В
Distribution	<u> </u>							
Hot Wtr Piping/Pump	Location Leak Evide	: Through ent, Extent	\$26,500 Toderate, Area Affect out : Moderate, Area A Doom And Througho	ffected :		4	\$2,300	В
Terminal Devices								
Convector/Radiator	20%			2025	* *	1	\$3,100	В
Fan Coil Unit/Heat			\$11,800 t : Severe, Area Aff or Locker Room	2020 ected : 1	\$236,900 5%	1	\$4,100	В
No Component	50%							D
Air Conditioning Energy Source Electricity	100%			2028	* *	1		В
Conversion Equipment	10070			2020		-		ь
Window/Wall Unit No Component	10% 90%			2015	\$10,800	1		B D
Ventilation								
Exhaust Fans								
Roof	50%			2020	\$64,400	2	\$700	В
Wall Unit	10%	Now	\$1,600	2020	\$8,000	2	\$100	В
	Location	: 1st Foor	Extent : Moderate, A Mechanical Repai Of Air Ventilation I	r Area		ļ		
No Component	40%				-			D
Plumbing H/C Water Piping	1070							
Galv Iron/Steel		0-2 Extent : M : Through	\$7,900 Toderate, Area Affeo out	2018 cted : 20	\$157,500 %	1		В
Water Heater								
Gas Fired	100%			2015	\$12,300	2	\$700	В
Sanitary Piping	1000/			LIDD	* *	1		D
Cast Iron	100%			LIFE	-1- 44	1		В
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		В
Fixtures Generic	100%							В

Maintenance \$ are aggregated over a 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: 160

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 13-Mar-2009 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2,3

Block : 670 Lot : 50 BIN : 1012267

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,250,100	\$340,800
Interior Architecture	\$35,900	\$263,800
Electrical		\$217,200
Mechanical	\$384,100	\$81,700
Total	\$1,670,100	\$903,500
Priority A	\$1,250,100	\$340,800
Priority B	\$384,100	\$298,900
Priority C	\$35,900	\$263,800
Total	\$1,670,100	\$903,500

Total	\$136,300	\$70,600	\$190,300	\$50,400
Priority C	\$55,300		\$151,200	
Priority B	\$16,700	\$27,200	\$36,300	\$50,400
Priority A	\$64,300	\$43,400	\$2,800	
Total	\$136,300	\$70,600	\$190,300	\$50,400
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Mechanical	\$3,600	\$12,500	\$23,300	\$13,200
Electrical	\$5,200	\$6,800	\$5,200	\$5,200
Interior Architecture	\$55,300		\$151,200	\$24,100
Exterior Architecture	\$64,300	\$43,400	\$2,800	
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



 $[\]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 #: 4517

Architecture	Curr	ent Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail I Total (Yea	Oate Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls Masonry: Brick	65% Nov	v \$38,900	LIFE	* *	5	\$59,300	A
Masoniy. Bitck		ailure, Extent : Modera			3	\$39,300	Α
Metal Panel	15%		2040	* *	5-10	\$94,100	A
Metal Sect. OHD	10% Nov	v \$32,100	2033	* *	5	\$14,300	A
	Location : Nor			cted : 10%			
		Broken/missing Elemen					
Window Wall	10%		2040	* *	5	\$34,200	A
Windows	400/		2026	* *	5	¢5 500	4
Aluminum Metal Louvers	40% 60%		2036 2029	* *	5 10	\$5,500 \$51,900	A A
Parapets	0070		2029		10	\$31,900	А
Masonry: Brick	95%		LIFE	* *	5	\$6,600	A
Metal Panel	5%		2040	* *	5	\$1,300	A
Roof							
Built-Up (BUR)	55% Nov	N \$465,500 ailure, Extent : Modera	2030	* *			A
	Location : Roo	Flashings, Extent: Moa f Over Repair Shop on, Extent: Moderate, 1 r Repair Shop					
Metal Panel	35% Nov	v \$745,700	2040	* *			A
	Location : Ove	_					
	Water Penetration Location: Ove	on, Extent : Moderate, A r Parking Area	Area Affec	eted : 20%			
Paver: Asphalt	Location : Ove	Flashings, Extent : Mod r Garage					A
	Location : Ove	on, Extent : Moderate, A r Garage	Area А <u></u> ijес	пеа: 10%			
Interior	Location . Ove	Guruge					
Floors							
Asphalt Poured	_	N \$31,200 ling, Extent : Moderate king Area Over Third F		* * fected : 15%	5	\$12,100	С
Carpet	10%		2016	\$139,200	3	\$36,200	C
Cast in Place Concrete	10% Nov	ling, Extent : Moderate	LIFE	* *	5	\$52,800	C
Coat in Place Consucts		K KOOM III IIII	TIDD	* *	-	\$211,000	<u> </u>
Cast in Place Concrete Ceramic Tile	40%		LIFE	* *	5 5	\$211,000 \$48,200	C
Ceramic 111e	20%		2029	* *	5	\$48,200	С

Maintenance \$ are aggregated over a ten-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		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 Code
Interior								
Interior Walls								
Concrete Masonry Unit	78%			LIFE	* *	5	\$32,800	C
Glass: Single Pane	2%			LIFE	* *	5	\$1,600	C
Gypsum Board	15%			LIFE	* *	5	\$9,500	C
Masonry: Brick	5%			LIFE	* *			C
Ceilings								
AcousTileSusp.Lay-In	20%			2037	* *	5	\$48,200	В
Exposed Struc: Steel	80%			LIFE	* *			В
-	Water Per	netration, E	xtent : Moderate, A	rea Affe	cted : 20%			
	Location	: Parking	Area Over Third F	loor, Rej	pair Shops			

Electrical	Current Repair	Future Repla	cement	M							
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Estima FY	nted Cost	Cycle (Yrs)	Estimated Cost	Priority Code					
Under 600 Volts											
Service Equipment											
Fused Disc Sw	100%	2030	* *	5	\$800	В					
	Other Observation, Extent: Moderate, Area Affected: 100%										
	Location: Electrical Room										
	Explanation : Main Service I	Protector Rated @ 4000 A	mperes.								
Transformers	100-1		de de	_	* * * * * * * * * * * * * * * * * * *	_					
Dry Type	100% Other Observation, Extent : M	2025 Toderate, Area Affected : 10	**	5	\$600	В					
	Location: Boiler Room										
	Explanation: 75 Kva										
Switchgear / Switchboard											
Fused Disc Sw	100%	2030	* *	5	\$800	В					
Raceway											
Conduit	100%	2030	* *	1		В					
Panelboards											
Fused Disc Sw	5%	2028	* *	5	\$200	В					
Molded Case Bkrs	95%	2028	* *	5	\$4,200	В					
Wiring											
Thermoplastic	100%	2030	* *	1		В					
Motor Controllers											
Locally Mounted	100%	2025	* *	5	\$1,100	В					
Ground											
Grounding Devices	1000/	* ****	de de	_	Φ2. 700						
Generic	100%	LIFE	* *	5	\$2,500	В					
	Other Observation, Extent: Moderate, Area Affected: 100%										
	Location : Sprinkler / Standp Explanation : Connected To	-									
Stand-by Power	•	1									
Transfer Switches											
Automatic	100%	2025	* *	1	\$51,800	В					
Lighting					•						

Lighting

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

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

Asset #: 4517

Electrical	Current Repair	Future I	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting						
Interior Lighting						
Fluorescent	30%	2020	\$104,900	10	\$44,300	В
	Other Observation, Extent: Mode	rate, Area Affecte	ed : 100%			
	Location: Throughout The Build	ling				
	Explanation: T-12 Lamps					
HID	70%	2020	\$68,000	10	\$3,700	В
Egress Lighting						
Emergency, Battery	50%	2020	\$32,600	10	\$19,500	В
Exit, Service	50%	2020	\$13,000	1		В

Mechanical	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 Code
Heating							
Energy Source							
Natural Gas	100%		2040	* *	1		В
Conversion Equipment							
Furnace	80% Now	\$384,100	2030	* *	1	\$57,500	В
		Extent : Severe, Area	a Affecte	ed: 80%			
	Location: Roof L						
	Explanation: 14	Units, All Need To Be	e Replace	ed			
Hot Water Boiler	20%		2033	* *	1	\$16,000	В
	Other Observation,	Extent : Light, Area	Affected	! : 20%			
	Location: Basem	ent					
	Explanation: 2 U	Inits					
Distribution							
Hot Wtr Piping/Pump	20%		2036	* *	4	\$1,600	В
No Component	80%						D
Terminal Devices							
Convector/Radiator	10%		2033	* *	1	\$5,200	В
Unit Heater-Stm/HW	10%		2025	* *	4	\$1,500	В
No Component	80%						D
Air Conditioning							
Energy Source							
Electricity	100%		2036	* *	1		В
Conversion Equipment							
Heat Pump	20%		2021	\$1,300	2	\$2,000	В
Ext Pkg Unit -	80%		2025	* *	2	\$8,000	В
Heating/Cooling							
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$89,900	В
Exhaust Fans							
Interior	60%		2025	* *	2	\$3,000	В
Roof	20%		2025	* *	2	\$1,000	В
Wall Unit	20%		2025	* *	2	\$1,000	В

Maintenance \$ are aggregated over a ten-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 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 Code
Plumbing								<u></u>
H/C Water Piping								
Galv Iron/Steel	100%			2033	* *	1		В
Water Heater								
Gas Fired	100%			2018	\$41,800	2	\$2,400	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Backflow Preventer								
Generic	100%			2030	* *	1	\$10,000	В
Fixtures								
Generic	100%							В
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
	Other Obs	ervation, E	Extent : Light, Area	Affected	! : 100%			
	Location	ı : 1-3						
	Explana	tion : 2 Uni	its					

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : OUEENS - 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 : 119,300 Project Type : SANITATION

Date of Survey : 16-Mar-2009 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2600 Lot : 1 BIN : 4307983

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$625,000	\$231,700
Interior Architecture		\$206,300
Electrical		\$162,100
Mechanical		\$95,200
Total	\$625,000	\$695,300
Priority A	\$625,000	\$231,700
Priority B		\$257,300
Priority C		\$206,300
Total	\$625,000	\$695,300

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$27,000		\$10,300	
Interior Architecture	\$21,900		\$1,600	
Electrical		\$900	\$1,300	
Mechanical	\$36,800	\$5,700	\$13,500	\$5,700
Total	\$85,700	\$6,500	\$26,700	\$5,700
Priority A	\$27,000		\$10,300	
Priority B	\$49,600	\$6,500	\$14,800	\$5,700
Priority C	\$9,100		\$1,600	
Total	\$85,700	\$6,500	\$26,700	\$5,700



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

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

Asset #: 4518

chitecture		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 Cod
erior								
Exterior Walls						_		
Concrete Masonry Unit	Cracking/C	Now Crumbling, : Through	\$416,000 Extent : Moderate out	LIFE , Area Aj	* * fected : 30%	5	\$76,700	A
Metal Sect. OHD	15%			2033	* *	5	\$71,900	Α
Window Wall	_	Now roken/Crac : South Fa	\$20,600 ked, Extent : Mode wade	2040 rate, Are	* * va Affected : 10%	5	\$14,400	A
Windows								
Aluminum	100%			2036	* *	5	\$20,600	A
Parapets								
Concrete Masonry Unit	Expansion Location Vertical Co	: Through	\$43,000 e, Extent : Severe, . out nt : Moderate, Are			5	\$8,300	A
Pre-Cast Concrete	Location	: Coping Deteriorate	\$6,400 l, Extent : Moderat d, Extent : Modera			5	\$5,100	A
Roof								
Built-Up (BUR)	Location Ponding, E Location Vegetation Location Water Pen	: Around l Extent : Mo : Through Growth, E : Through etration, E : Bulkhead	Extent : Severe, Are	ted : 5% a Affecte	d : 10%			A
Sloped Glazing	_	Now Deteriorate : Through	\$40,800 d, Extent : Modera out	LIFE te, Area	* * Affected : 25%	5	\$83,200	A
erior	Caulking I	Deteriorate	d, Extent : Modera			5	\$83,200	A
erior Floors	Caulking L Location	Deteriorate	d, Extent : Modera	te, Area	Affected : 25%			
erior Floors Cast in Place Concrete	Caulking L Location 70%	Deteriorate : Through	d, Extent : Modera out	te, Area	Affected : 25%	5	\$200,600	C
erior Floors	Caulking I Location 70% 2% Other Obse	Deteriorate : Through Now ervation, E : At Trenc	d, Extent : Modera out \$7,800 Extent : Severe, Are h Drains Througho	LIFE LIFE LIFE a Affecte	** ** d: 60%			
erior Floors Cast in Place Concrete Cast in Place Concrete	Caulking I Location 70% 2% Other Obsel Location Explanat	Deteriorate : Through Now ervation, E : At Trenc	d, Extent : Modera out \$7,800 Extent : Severe, Are	LIFE LIFE LIFE a Affecte out And Dam	** ** d: 60%	5 5	\$200,600 \$5,700	C C
erior Floors Cast in Place Concrete	Caulking I Location 70% 2% Other Obse	Deteriorate : Through Now ervation, E : At Trenc	d, Extent : Modera out \$7,800 Extent : Severe, Are h Drains Througho	LIFE LIFE LIFE a Affecte	** ** d: 60% aged	5	\$200,600	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 #: 4518

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 Code	
Interior									
Interior Walls									
Ceramic Tile	5%			2029	* *	5	\$2,700	C	
Concrete Masonry Unit	78%			LIFE	* *	5	\$16,600	C	
Glass: Single Pane	2%			LIFE	* *	5	\$800	C	
Gypsum Board	5%			LIFE	* *	5	\$1,600	C	
SGFT/Glazed Masonry	10%			LIFE	* *			C	
Ceilings									
AcousTileSusp.Lay-In	15%	Now	\$12,800	2025	* *	5	\$9,800	В	
	Broken/Missing Elements, Extent: Moderate, Area Affected: 15% Location: Office Area, Second Floor Corridor Staining/Discoloring, Extent: Moderate, Area Affected: 25% Location: Office Area Locker Rooms								
		ietration, E. i : Locker R	xtent : Moderate, A cooms	rea Affe	cted : 10%				
Exposed Struc: Steel	83%			LIFE	* *			В	
Gypsum Board	2%			LIFE	* *	5	\$3,300	В	
		Water Penetration, Extent : Light, Area Affected : 5% Location : Bulkheads And Locker Rooms							

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 Code
Under 600 Volts							
Switchgear / Switchboard							
Fused Disc Sw	100%		2040	* *	5	\$400	В
	Other Observation, Ex Location : Electrical		ea Affe	cted : 100%			
	Explanation: 2000 A	Amp Main Fused Di	sconne	ct Switch In The Sv	vitchboai	rd	
Raceway							
Conduit	100%		2040	* *	1		В
Panelboards							
Molded Case Bkrs	100%		2036	* *	5	\$2,600	В
Wiring							
Thermoplastic	100%		2040	* *	1		В
Motor Controllers							
Locally Mounted	20%		2033	* *	5	\$100	В
Locally Mounted	40%		2025	* *	5	\$300	В
Motor Control Center	40%		2025	* *	5	\$1,100	В
Ground							
Grounding Devices							
Not Accessible	100%						D
	Other Observation, Ex	tent : Light, Area A	ffected	: 100%			
	Location : Gas Mete	-					
	Explanation : Cover	ed With Insulation					
Lighting	T						

Lighting

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

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

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

Asset #: 4518

Electrical	Current Repair	Future	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Lighting								
Interior Lighting								
Fluorescent	60%	2020	\$113,900	10	\$48,200	В		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Throughout							
	Explanation: T-12 Lamps							
HID	40%	2020	\$21,100	10	\$1,100	В		
Egress Lighting								
Emergency, Battery	40%	2020	\$14,200	10	\$8,500	В		
Exit, Service	60%	2020	\$8,500	1		В		

Mechanical		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 Code
Heating								
Energy Source Interruptible Gas/Dual Fuel	100%			2040	* *	1		В
Conversion Equipment Furnace	Location	: Roof	\$19,000 Extent : Moderate,	_	-	1	\$31,200	В
	Location Available Other Obs Location	n : Roof - A le servation, I	at : Severe, Area Aff ccording To Buildin Extent : Light, Area Inits	ng Mainn	tenance, Replacem	ent Parts	Are No Longer	
Hot Water Boiler	20% Other Obs		Extent : Light, Area 200m	2033 Affected	* *	1	\$8,700	В
Distribution								
Hot Wtr Piping/Pump No Component	20% 80%			2036	* *	4	\$900	B D
Terminal Devices								
Convector/Radiator No Component	20% 80%			2033	* *	1	\$5,700	B D
Air Conditioning								
Energy Source								
Electricity	100%			2036	* *	1		В
Conversion Equipment Ext Pkg Unit - Cooling No Component	20% 80%			2025	* *	2	\$1,100	B D
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$48,800	В

Maintenance \$ are aggregated over a ten-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

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 Code
Ventilation							
Exhaust Fans							
Roof	100% Now	\$15,500	2025	* *	2	\$2,200	В
	Not in Service, Extended Location: Roof	nt : Severe, Area Aff	fected : 2	5%			
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%		2033	* *	1		В
Water Heater							
Gas Fired	100%		2018	\$22,700	2	\$1,300	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Backflow Preventer							
Generic	100%		2025	* *	1	\$5,400	В
Fixtures							
Generic	100%						В

Page: 170

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : QUEENS 1 GARAGE QW1

Address : 34-28 21ST ST.

Borough : QUEENS Agency's Number : N/A

Date of Survey : 08-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 523 Lot : 12 BIN : 4005787

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$938,000	
Interior Architecture	\$371,500	\$75,700
Electrical		\$22,300
Mechanical		\$92,500
Total	\$1,309,500	\$190,400
Priority A	\$938,000	
Priority B		\$114,800
Priority C	\$371,500	\$75,700
Total	\$1,309,500	\$190,400

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$9,500			
Interior Architecture	\$35,300	\$1,400		\$200
Electrical	\$900	\$100	\$400	\$13,600
Mechanical	\$36,600	\$3,000	\$4,600	\$25,300
Total	\$82,300	\$4,500	\$5,000	\$39,200
Priority A	\$9,500			
Priority B	\$45,800	\$3,100	\$5,000	\$38,900
Priority C	\$27,000	\$1,400		\$200
Total	\$82,300	\$4,500	\$5,000	\$39,200



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

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

Asset #: 4188

% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
						•
Diagonal Cracks, Exte Location: West Face Efflorescence, Extent: Location: West Face Loose Units, Extent: M Location: Concrete	nt : Moderate, Ar ade Moderate, Area A ade Aoderate, Area Aj Coping At Chimn	ea Affect Affected : fected : :	red : 15% · 20% 5%	5	\$30,400	A
		Area Aff	ected : 15%			
Vertical Cracks, Exten	t : Light, Area Aff	ected : 5	%			
Location : East Faca Deteriorated Finish, E	de xtent : Moderate,			5	\$8,400	A
Location : North Fac Corrosion/Rusting, Ex	: Moderate, Area cade tent : Moderate, A			5	\$28,300	A
		Area Aff	fected : 50%			
Thermally Inefficient,	Extent : Moderate	, Area A	ffected : 100%			
				5	\$400	A
-	_	LIFE ea Affecte	* * ed : 30%	5	\$100	A
88%						D
		2027 ate, Area	* * Affected : 100%			A
	90% Now Diagonal Cracks, Exter Location: West Face Efflorescence, Extent: Location: West Face Loose Units, Extent: Mest Face Misaligned/Bulging, Extent Location: Concrete Misaligned/Bulging, Extent Location: North Face 10% Now Broken/Missing Eleme Location: East Face Deteriorated Finish, Extent Location: North Face Corrosion/Rusting, Extent Location: North Face Corrosion/Rusting, Extent Location: North Face Thermally Inefficient, Extent Location: Throughout 10% Now Jnt Mortar Miss/Erod, Location: Coping Att 2% Now Cracking/Crumbling, Extent Location: Throughout 88% 100% Now Gut/DS Non Func/Mis.	90% Now \$498,000 Diagonal Cracks, Extent: Moderate, Ar Location: West Facade Efflorescence, Extent: Moderate, Area A Location: West Facade Loose Units, Extent: Moderate, Area A Location: Concrete Coping At Chimma Misaligned/Bulging, Extent: Moderate, Location: East Facade, West Facade Vertical Cracks, Extent: Light, Area Aff Location: North Facade 10% Now \$35,600 Broken/Missing Elements, Extent: Moderate, Location: East Facade Deteriorated Finish, Extent: Moderate, Location: East Facade 100% Now \$258,600 Air Infiltration, Extent: Moderate, Area Location: North Facade Corrosion/Rusting, Extent: Moderate, Area Location: North Facade Deteriorated Finish, Extent: Moderate, A Location: North Facade Thermally Inefficient, Extent: Moderate Location: Throughout 10% Now \$7,000 Jnt Mortar Miss/Erod, Extent: Moderate Location: Coping At North And South 2% Now \$2,500 Cracking/Crumbling, Extent: Light, Are Location: Throughout 88%	90% Now \$498,000 LIFE Diagonal Cracks, Extent: Moderate, Area Affect Location: West Facade Efflorescence, Extent: Moderate, Area Affected: Location: West Facade Loose Units, Extent: Moderate, Area Affected: Location: Concrete Coping At Chimney Misaligned/Bulging, Extent: Moderate, Area Affected: 5 Location: East Facade, West Facade Vertical Cracks, Extent: Light, Area Affected: 5 Location: North Facade 10% Now \$35,600 2027 Broken/Missing Elements, Extent: Moderate, Area Aff Location: East Facade Deteriorated Finish, Extent: Moderate, Area Aff Location: East Facade 100% Now \$258,600 2047 Air Infiltration, Extent: Moderate, Area Affected Location: North Facade Corrosion/Rusting, Extent: Moderate, Area Affe Location: North Facade Deteriorated Finish, Extent: Moderate, Area Affe Location: North Facade Thermally Inefficient, Extent: Moderate, Area Affe Location: Throughout 10% Now \$7,000 LIFE Jnt Mortar Miss/Erod, Extent: Moderate, Area Affe Location: Coping At North And South Facades 2% Now \$2,500 LIFE Cracking/Crumbling, Extent: Light, Area Affected Location: Throughout 88% 100% Now \$145,900 2027 Gut/DS Non Func/Miss, Extent: Moderate, Area	90% Now \$498,000 LIFE ** Diagonal Cracks, Extent: Moderate, Area Affected: 15% Location: West Facade Efflorescence, Extent: Moderate, Area Affected: 20% Location: West Facade Loose Units, Extent: Moderate, Area Affected: 5% Location: Concrete Coping At Chimney Misaligned/Bulging, Extent: Moderate, Area Affected: 15% Location: East Facade, West Facade Vertical Cracks, Extent: Light, Area Affected: 5% Location: North Facade 10% Now \$35,600 2027 ** Broken/Missing Elements, Extent: Moderate, Area Affected: 10% Location: East Facade Deteriorated Finish, Extent: Moderate, Area Affected: 20% Location: East Facade 100% Now \$258,600 2047 ** Air Infiltration, Extent: Moderate, Area Affected: 20% Location: North Facade Corrosion/Rusting, Extent: Moderate, Area Affected: 50% Location: North Facade Deteriorated Finish, Extent: Moderate, Area Affected: 50% Location: North Facade Thermally Inefficient, Extent: Moderate, Area Affected: 100% Location: Throughout 10% Now \$7,000 LIFE ** JIN Mortar Miss/Erod, Extent: Moderate, Area Affected: 100% Location: Coping At North And South Facades 2% Now \$2,500 LIFE ** Cracking/Crumbling, Extent: Light, Area Affected: 30% Location: Throughout 88% 100% Now \$145,900 2027 ** Gut/DS Non Func/Miss, Extent: Moderate, Area Affected: 100%	90% Now \$498,000 LIFE ** 5 Diagonal Cracks, Extent: Moderate, Area Affected: 15% Location: West Facade Efflorescence, Extent: Moderate, Area Affected: 20% Location: West Facade Loose Units, Extent: Moderate, Area Affected: 5% Location: Concrete Coping At Chimney Misaligned/Bulging, Extent: Moderate, Area Affected: 15% Location: East Facade, West Facade Vertical Cracks, Extent: Light, Area Affected: 5% Location: North Facade 10% Now \$35,600 2027 ** 5 Broken/Missing Elements, Extent: Moderate, Area Affected: 10% Location: East Facade Deteriorated Finish, Extent: Moderate, Area Affected: 20% Location: East Facade 10% Now \$258,600 2047 ** 5 Air Infiltration, Extent: Moderate, Area Affected: 100% Location: North Facade Corrosion/Rusting, Extent: Moderate, Area Affected: 25% Location: North Facade Deteriorated Finish, Extent: Moderate, Area Affected: 50% Location: North Facade Thermally Inefficient, Extent: Moderate, Area Affected: 100% Location: Throughout 10% Now \$7,000 LIFE ** 5 Jnt Mortar Miss/Erod, Extent: Moderate, Area Affected: 30% Location: Coping At North And South Facades 2% Now \$2,500 LIFE ** 5 Cracking/Crumbling, Extent: Light, Area Affected: 30% Location: Throughout 88% 100% Now \$145,900 2027 ** Gut/DS Non Func/Miss, Extent: Moderate, Area Affected: 100%	90% Now \$498,000 LIFE ** 5 \$30,400 Diagonal Cracks, Extent: Moderate, Area Affected: 15% Location: West Facade Efflorescence, Extent: Moderate, Area Affected: 20% Location: West Facade Loose Units, Extent: Moderate, Area Affected: 5% Location: Concrete Coping At Chimney Misaligned/Bulging, Extent: Moderate, Area Affected: 15% Location: East Facade, West Facade Vertical Cracks, Extent: Light, Area Affected: 5% Location: North Facade 10% Now \$35,600 2027 ** 5 \$8,400 Broken/Missing Elements, Extent: Moderate, Area Affected: 10% Location: East Facade Deteriorated Finish, Extent: Moderate, Area Affected: 20% Location: East Facade 10% Now \$258,600 2047 ** 5 \$28,300 Air Infiltration, Extent: Moderate, Area Affected: 25% Location: North Facade Corrosion/Rusting, Extent: Moderate, Area Affected: 25% Location: North Facade Deteriorated Finish, Extent: Moderate, Area Affected: 50% Location: North Facade Thermally Inefficient, Extent: Moderate, Area Affected: 100% Location: Throughout 10% Now \$7,000 LIFE ** 5 \$400 Jnt Mortar Miss/Erod, Extent: Moderate, Area Affected: 100% Location: Coping At North And South Facades 2% Now \$2,500 LIFE ** 5 \$100 Cracking/Crumbling, Extent: Light, Area Affected: 30% Location: Throughout 88%

Interior

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

Asset #: 4188

Architecture	Current	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 Code
nterior							
Floors		** *********			_		~
Cast in Place Concrete	Location : Garage	\$205,800 g, Extent : Moderate e Area tent : Moderate, Are		-	5	\$75,700	С
	Location : Garage		u rijjeete	u . 1570			
Quarry Tile	5%		2035	* *	5	\$2,900	С
Vinyl Tile	5% Now	\$7,200 ments, Extent : Seve hout	2022	\$17,900 Affected : 60%	3	\$700	C
Interior Walls							
Concrete Masonry Unit	15% Now Cracking/Crumblin Location: Throug	\$17,300 g, Extent : Severe, A hout	LIFE rea Affec	* * rted : 30%	5	\$900	С
Fiberglass Panel	5% Now Broken/Missing Ele Location : Throug		LIFE erate, Ar	* * ea Affected : 20%			С
Masonry: Brick	80% Now Cracking/Crumblin Location: Throug	\$165,700 g, Extent : Light, Ard hout	LIFE ea Affecte	* * ed : 20%			С
Ceilings		4.500			_	***	_
AcousTile,Adhered	Location : Throug				5	\$1,000	В
	Loose/Delam Surface Location : Throug		e, Area A 	ffected : 30%			
AcousTileSusp.Lay-In	5% Now Cracking/Crumblin Location: Throug	\$3,800 g, Extent : Light, Ard hout	2027 ea Affecte	* * ed : 30%	5	\$1,000	В
Exposed Struc: Steel	90%		LIFE	* *			В

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	•					
Service Equipment						
Fused Disc Sw	100%	2022	\$1,600	5	\$100	В
	Other Observation, Extent: Moderate,	Area Affec	ted : 100%			
	Location: Electrical Room					
	Explanation: One 600 Amps And Fo	ur 400 Amp	os Main Disconne	ct Switch	ı	
Switchgear / Switchboard						
Fused Disc Sw	50%	2022	\$9,700	5	\$100	В
Molded Case Bkrs	50%	2022	\$9,700	5	\$400	В

Maintenance \$ are aggregated over a ten-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

Electrical	Current Repair	Future	Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Raceway						
Conduit	90%	2022	\$19,000	1		В
Conduit	10%	2032	* *	1		В
Panelboards						
Molded Case Bkrs	85%	2021	\$14,100	5	\$600	В
Molded Case Bkrs	15%	2021	\$2,500	5	\$100	В
Wiring						
Thermoplastic	80%	2022	\$11,800	1		В
Thermoplastic	20%	2032	* *	1		В
Motor Controllers						
Locally Mounted	75%	2020	\$12,400	5	\$100	В
Locally Mounted	25%	2027	* *	5		В
Ground						
Grounding Devices						
Generic	100% 0-2	\$900 LIFE	* *	5	\$400	В
	Other Observation, Extent		eted : 100%			
	Location : Mechanical Ro	oom				
	Explanation: Corroded					
Lighting						
Interior Lighting						
Fluorescent	40%	2022	\$22,300	10	\$9,400	В
	Other Observation, Extent	: Moderate, Area Affec	eted : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
Fluorescent	50%	2030	* *	10	\$11,800	В
	Other Observation, Extent	: Moderate, Area Affec	cted : 100%			
	Location: Garrage					
	Explanation: T-5 Lamps					
HID	10%	2017	\$1,500	10	\$100	В
Egress Lighting					·	
Emergency, Battery	50%	2017	\$5,200	10	\$3,100	В
Exit, Service	50%	2017	\$2,100	1	. ,	В
Exterior Lighting						
	700/	2017	\$1,200	10	\$100	В
HID	70%	2017	91.∠ (/(/	10	9100	ъ

Mechanical	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source Fuel Oil No 2	100%		2032	* *	5	\$8,000	В

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

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

Asset #: 4188

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 Code
Heating								
Conversion Equipment	1.000/	4	Ø1 200	2027	* *		Φ11 5 00	ъ.
Hot Water Boiler	100%	4+	\$1,300	2027		1	\$11,500	В
		:rioraiing, : Boiler R	Extent: Moderate,	Area Ajj	eciea : 80%			
			Extent : Light, Area	Affected	. 100%			
		: First Fla		Пуссиси	. 10070			
			2 Oil Burning Hot \	Nater Bo	ilers			
Distribution	T							
Hot Wtr Piping/Pump	100%	Now	\$28,700	2030	* *	4	\$1,300	В
	Corroded,	Extent : Se	evere, Area Affecte	d: 50%				
		: Boiler R						
			nt : Moderate, Ared		d : 30%			
	Location	: 1 Of 3 D	efective Hot Water	Pumps				
Terminal Devices	600 /			2022	Φ0 2. 5 00	1	φο τ οο	D
Air Handler	60%			2022	\$92,500 * *	1	\$9,500	В
Convector/Radiator Unit Heater-Stm/HW	30% 10%			2027 2022	\$18,500	1 4	\$2,500 \$400	B B
Air Conditioning	10%			2022	\$10,500	4	\$400	Б
Energy Source								
Electricity	100%			2030	* *	1		В
Conversion Equipment								
Window/Wall Unit	15%			2017	\$8,800	1		В
No Component	85%							D
Terminal Devices								
Direct Expansion	10%	Now	\$1,300	2032	* *	1		В
			lerate, Area Affecte		•			
		: Office Sp	pace, Defective Spi					
Direct Expansion	15%			2027	* *	1		В
No Component	75%							D
Heat Rejection Air Condenser Unit	25%			2022	\$2,100	2	\$4,500	В
No Component	75%			2022	\$2,100	2	\$4,500	D D
Ventilation	1370							<u> </u>
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	\$5,700	В
No Component	60%							D
Exhaust Fans								
Interior	20%			2022	\$6,300	2	\$200	В
Roof	10%	Now	\$2,300	2032	* *	2	\$100	В
	-	_	nt : Moderate, Ared Mechanical Defec		d : 10%			
Roof	20%			2022	\$4,500	2	\$200	В
Wall Unit	50%			2027	* *	2	\$400	В
Plumbing								
H/C Water Piping	4.5.=				_			-
Brass/Copper	100%			2032	* *	1		В

Maintenance \$ are aggregated over a ten-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

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 Code
Plumbing								
Water Heater								
Gas Fired	100%			2017	\$6,700	2	\$400	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Backflow Preventer								
Not Accessible	100%							D
Fixtures								
Generic	100%							В
Fire Suppression								
Standpipe								
No Component	25%							D
Generic	75%			2032	* *	1-5	\$10,100	В

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Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 16-Jun-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 7860 Lot : 1 BIN : 4445411

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$714,400	\$47,600
Interior Architecture	\$702,500	\$302,100
Electrical	\$1,000,700	\$147,100
Mechanical		\$416,300
Total	\$2,417,600	\$913,100
Priority A	\$714,400	\$47,600
Priority B	\$1,353,300	\$563,400
Priority C	\$350,000	\$302,100
Total	\$2,417,600	\$913,100

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$16,400	\$14,300		
Interior Architecture			\$10,100	
Electrical	\$8,100	\$5,300	\$6,200	\$8,200
Mechanical	\$52,400	\$6,000	\$14,900	\$6,000
Total	\$76,800	\$25,600	\$31,300	\$14,200
Priority A	\$16,400	\$14,300		
Priority B	\$60,400	\$11,300	\$21,100	\$14,200
Priority C			\$10,100	
Total	\$76,800	\$25,600	\$31,300	\$14,200



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

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

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DEPARTMENT OF SANITATION - 827 QUEENS 11 GARAGE

Asset #: 4135

Architecture	0	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 Code		
Exterior										
Exterior Walls	700/	N	¢157 100	LIDD	* *	5	\$47,600	A		
Masonry: Brick		Now	\$156,100 tent : Light, Area A	LIFE		5	\$47,600	A		
	Location:			пестей.	570					
			l, Extent : Light, Ai	ea Affec	ted · 10%					
	Location:		_	ca rijjec	ica : 1070					
Metal Coiling Doors	15%			2035	* *	5	\$28,600	A		
Pre-Cast Concrete	2%			LIFE	* *	5	\$4,000	A		
Window Wall		Now	\$16,400	2042	* *	5	\$5,700	A		
Willdow Wall	Glazing Clouded, Extent: Moderate, Area Affected: 15%									
	Location: West Facade									
	Caulking Deteriorated, Extent: Moderate, Area Affected: 10%									
	Location: West Facade									
	Water Penetration, Extent : Moderate, Area Affected : 10%									
	Location:	West Fac	cade							
Windows										
Aluminum	95%			2038	* *	5	\$5,000	A		
Metal Louvers	5%			2031	* *	10	\$1,600	A		
Parapets										
Concrete Masonry Unit	50%			LIFE	* *	5	\$4,600	A		
Masonry: Brick	48%			LIFE	* *	5	\$3,900	A		
Pre-Cast Concrete	2%			LIFE	* *	5	\$1,000	A		
Roof	0.504		4717 7 00	2022	ale ale					
Built-Up (BUR)		Now	\$515,500	2032	**			A		
	Drains Inad/Misposn, Extent: Moderate, Area Affected: 25%									
	Location: Roof Over Garage Miss/Dawaged Flaghings Entert Medousts Apag Affordal 159/									
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15% Location : Over Garage									
	Water Penetration, Extent: Moderate, Area Affected: 10%									
	Location : Lunch Room, Locker Room, Offices, Exercise Room									
Chalight Diagtic		Now	\$42,800	2035	**	1		Α.		
Skylight, Plastic			\$42,800 ents, Extent : Seve			1		A		
	Location:	-		e, Area .	луес <i>ней</i> . 50/0					

Interior

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

Asset #: 4135

ystem Component	0/ 0 E !I D						
Туре	% of Fail D Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior							
Floors							
	Location : Queo Drains Inad/Misp Location : Gard Other Observatio Location : Base	ling, Extent : Moderate ens 11 And Ramp oosn, Extent : Moderat age Area n, Extent : Moderate, a ment	e, Area A	ffected : 25%	5	\$187,900	С
C TEL	Explanation : G		2021	* *		ΦΩ 200	
Ceramic Tile		y \$39,800 face, Extent : Moderat Floor Corridor	2031 te, Area A		5	\$9,200	С
Terrazzo	5%		LIFE	* *	5	\$4,800	С
Vinyl Tile	10%		2022	\$114,200	3	\$4,600	C
Interior Walls							
	Location : Base	Extent : Moderate, A		-			
Cast in Place Concrete	45%		LIFE	* *			С
Ceramic Tile	10%		2031	* *	5	\$17,200	C
Concrete Masonry Unit	15%		LIFE	* *	5	\$10,300	C
Gypsum Board	10%		LIFE	* *	5	\$10,300	C
Masonry: Brick	5%		LIFE	* *			C
SGFT/Glazed Masonry	5%		LIFE	* *			С
	Location : Lock Water Penetratio	\$80,000 Elements, Extent : Moder er Rooms, Lunch Room n, Extent : Moderate, 2 er Rooms, Lunch Room	n Area Affe	cted : 10%	5	\$6,100	В
Exposed Struc: Steel	70%		LIFE	* *			В
Exposed Struc: Steel	10% Now Corrosion/Rustin Location : Telep Water Penetratio	\$272,500 g, Extent : Moderate, A phone Room, Boiler Ro n, Extent : Moderate, A ens 13 Garage Floor, A	LIFE Area Affe oom, Que Area Affe	ens 13 Garage Flo cted : 10%	oor		В
Gypsum Board	10%		LIFE	* *	5	\$15,300	В

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 Code

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 #: 4135

Electrical	Current	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts	•		•				•
Service Equipment Fused Disc Sw	100% Enclosure Corroded Location : Electric		2022 , Area Af	\$15,600 fected : 25%	5	\$400	В
	Other Observation, Location: Electric	Extent : Moderate, A cal Room			la ob		
Switchgear / Switchboard	Explanation : 2 M	ain Service Switche	s Kaiea (<u>w 2000 Amperes E</u>	acn		
Fused Disc Sw	100%		2022	\$48,500	5	\$400	В
Raceway							
Conduit	80%		2032	* *	1		В
Conduit	20%		2022	\$11,200	1		В
Panelboards	5 0/		2020	* *	-	#100	ъ
Fused Disc Sw	5%		2030	**	5	\$100	В
Molded Case Bkrs	90%	#1.000	2021	\$34,700	5	\$2,000	В
Molded Case Bkrs	5% 2-4 Enclosure Corroded Location : Garage	\$1,900 , Extent : Severe, Ar	2047 rea Affect	* * ted : 100%	5	\$100	В
Wiring							
Thermoplastic	100%		2032	* *	1		В
Motor Controllers							
Locally Mounted	5%		2027	* *	5		В
Motor Control Center	95%		2027	* *	5	\$2,100	В
round							
Grounding Devices							_
Generic	100%		LIFE	* *	5	\$1,200	В
ighting							
Interior Lighting	600/		2020	* *	10	Φ.4.5. 1.0.0	ъ
Fluorescent	60% Other Observation, Location: Through Explanation: T-8	hout The Building	2030 Area Affe		10	\$45,100	В
Fluorescent	10% Other Observation, Location: Baseme	Extent : Moderate, A	2030 Area Affe	* * cted : 100%	10	\$7,500	В
	Explanation: T-5	Lamps					
HID	30%	1	2030	* *	10	\$800	В
Egress Lighting							
Emergency, Battery	20%		2022	\$6,600	10	\$4,000	В
Exit, Service	80%		2030	* *	1		В
Exterior Lighting HID	100%		2030	* *	10	\$300	В

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 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 Code
Alarm								
Security System								
No Component	80%							D
Generic	20%	Now	\$55,200	2032	* *	1	\$5,500	В
	Malfunctio	oning, Exte	nt : Moderate, Ared	a Affecte	d: 100%			
	Location	: Through	out The Building					
Fire/Smoke Detection								
Generic	100%			2017	\$945,500	1-3	\$52,200	В
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	cted : 100%			
	Location	: Through	out The Building					
	Explana	tion : Strob	e Lights, Manual F	Pull Stati	on And Alarm Bell	S		

Mechanical	Current	Futur	e Replacement	Maintenance						
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Heating										
Energy Source										
Natural Gas	100%		2042	* *	1		В			
Conversion Equipment										
Furnace	85%		2022	\$94,800	1	\$34,600	В			
		Extent : Light, Area	Affected	: 85%						
	Location : Roof &									
	Explanation: 3 Re	oof Top Units, 7 Inte	rior Unii	ts .						
Hot Water Boiler	15% Now	\$3,100	2027	* *	1	\$5,500	В			
	Corroded, Extent : Severe, Area Affected : 10%									
	Location: Bottom Of The Boiler									
	Other Observation, Extent : Light, Area Affected : 15%									
	Location : Boiler	Room								
	Explanation: 1 Un	nit								
Distribution										
Hot Wtr Piping/Pump	15% Now	\$6,900	2030	* *	4	\$600	В			
	Corroded, Extent : Moderate, Area Affected : 10%									
	Location : Boiler Room									
	Other Observation, Extent : Severe, Area Affected : 15%									
	Location : Variou	S								
	Explanation: Zoo	m Control System Is	Not Fun	ctioning						
No Component	85%						D			
Terminal Devices										
Convector/Radiator	10%		2027	* *	1	\$2,700	В			
Fan Coil Unit/Heat	5%		2022	\$68,300	1	\$1,300	В			
No Component	85%						D			
Air Conditioning										
Energy Source										
Electricity	100%		2038	* *	1		В			

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

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

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment Ext Pkg Unit - Heating/Cooling	30%			2022	\$180,600	2	\$1,500	В
Treating/Cooling	-	_	tent : Light, Area A ge Units On The Ro	-	30%			
No Component	70%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$45,700	В
Exhaust Fans								
Roof	100%			2022	\$72,600	2	\$2,500	В
Plumbing								
H/C Water Piping	= 0							_
Brass/Copper	50%			2032	* *	1		В
Galv Iron/Steel	50%			2035	* *	1		В
Water Heater	1000/	0.2	¢21 200	2022	#21 200	2	Ф1 000	D
Gas Fired	100%	0-2	\$21,200 Ioderate, Area Affe	2022	\$21,200	2	\$1,000	В
			oderale, Area Affel Of The Heater	ciea . 50	70			
Sanitary Piping			-y					
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%	0-2	\$12,700	LIFE	* *	1		В
	Corroded,	Extent : M	loderate, Area Affe	cted : 20	%			
	Location	ı : Basemer	ıt					
Sump Pump(s)								
Rigid Piping	100%			2022	\$10,100	4	\$2,000	В
Fixtures								
Generic	100%							В
Fire Suppression								
Sprinkler								
Generic	100%			2032	* *	1-2	\$23,000	В

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : QUEENS 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-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 15001 Lot : 73 BIN : 4433112

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$85,600	\$309,300
Interior Architecture		\$151,000
Electrical		\$157,000
Mechanical	\$97,700	\$127,400
Total	\$183,300	\$744,700
Priority A	\$85,600	\$309,300
Priority B	\$97,700	\$284,500
Priority C		\$151,000
Total	\$183,300	\$744,700

Total	\$14,400	\$34,700	\$16,100	\$13,200
Priority C		\$400	\$4,600	
Priority B	\$14,400	\$23,200	\$11,500	\$12,800
Priority A		\$11,100		\$400
Total	\$14,400	\$34,700	\$16,100	\$13,200
Mechanical	\$13,600	\$15,700	\$10,500	\$11,300
Electrical	\$800	\$1,400	\$1,000	\$1,600
Interior Architecture		\$6,500	\$4,600	
Exterior Architecture		\$11,100		\$400
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



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

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

Asset #: 2009

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 Code	
xterior									
Exterior Walls									
Masonry: Brick	88%			LIFE	* *	5	\$62,800	A	
Metal Coiling Doors	10%			2035	* *	5	\$22,300	A	
Pre-Cast Concrete	2%			LIFE	* *	5	\$4,600	A	
Windows									
Aluminum	95%	Now	\$85,600	2030	* *	5	\$4,600	A	
	Bent/War	ped Elemen	ts, Extent : Modera	ite, Area	Affected : 10%				
	Location	ı : First Flo	oor Offices						
Glass Block	5%			LIFE	* *	5	\$300	A	
Parapets									
Masonry: Brick	95%			LIFE	* *	5	\$3,600	A	
Metal Panel	5%			2042	* *	5	\$700	A	
Roof									
Single Ply Membrane	95%			2022	\$191,400	10	\$55,100	A	
Skylight, Plastic	5%			2035	* *	1		A	
terior									
Floors									
Cast in Place Concrete	80%			LIFE	* *	5	\$106,600	C	
Ceramic Tile	15%			2031	* *	5	\$9,100	C	
Vinyl Tile	5%			2027	* *	3	\$1,100	C	
Interior Walls									
Concrete Masonry Unit	90%			LIFE	* *	5	\$8,900	C	
Fabric on Framing	10%			2023	\$44,400	5	\$1,200	C	
Ceilings									
AcousTileSusp.Lay-In	20%			2035	* *	5	\$12,200	В	
Exposed Struc: Steel	80%			LIFE	* *			В	

lectrical		Current Repair	Future Replacement		Maintenance		
vstem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2032	* *	5	\$200	В
	Other Obs	ervation, Extent : Moderate, .	Area Affe	ected : 100%			
	Location	a : Electrical Room					
	Explana	tion : Bolted Pressure Contac	t Main S	ervice Switch Rated	1 @ 2000	O Amperes	
Switchgear / Switchboard							
Fused Disc Sw	100%		2032	* *	5	\$200	В
Raceway							
Conduit	100%		2032	* *	1		В
Panelboards							
Fused Disc Sw	5%		2030	* *	5	\$100	В
Molded Case Bkrs	95%		2030	* *	5	\$1,100	В
Wiring							
Thermoplastic	100%		2032	* *	1		В

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

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

Asset #: 2009

Electrical	Current Repair	Futur	e Replacement	M	aintenance				
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Under 600 Volts									
Motor Controllers									
Locally Mounted	5%	2027	* *	5		В			
Motor Control Center	95%	2027	* *	5	\$1,200	В			
Ground									
Grounding Devices	1000					_			
Not Accessible	100%	4 4 66 1	00/			D			
	Other Observation, Extent : Light, Area Affected : 0% Location : Water Main Room								
		. IW. D'	Pipe - Point Of Contact Not Visible - Covered						
	Explanation : Connected 10 Met With Insulation	at water Pipe	- Point Of Contact	Not Visi	bie - Coverea				
Lighting									
Interior Lighting									
Fluorescent	20%	2022	\$17,700	10	\$7,500	В			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Offices								
	Explanation: T-8 Lamps								
HID	80%	2022	\$19,600	10	\$1,100	В			
Egress Lighting									
Emergency, Battery	5%	2022	\$800	10	\$500	В			
Exit, Service	95%	2022	\$6,300	1		В			
Exterior Lighting									
HID	100%	2022	\$2,700	10	\$100	В			
Alarm									
Fire/Smoke Detection						_			
No Component	70%	2055	4.55 600		ΦΩ 122	D			
Generic	30%	2022	\$157,000	1-3	\$8,400	В			
	Other Observation, Extent: Mode		cted : 100%						
	Location : Offices And Hallways								
	Explanation : Smoke Detector, N	1anual Pull Sto	ition, Horns						

Mechanical		Current Repa	ir	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date Esti (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
leating									
Energy Source									
Natural Gas	40%			2032	* *	1		В	
Interruptible Gas/Dual	60%			2032	* *	1		В	
Fuel									
Conversion Equipment									
Furnace	40%			2022	\$22,200	1	\$8,100	В	
	Other Obs	ervation, Extent	: Light, Area	Affected	: 40%				
	Location	: Throughout C	Garage						
	Explana	tion : 10 Units							
Hot Water Boiler	60%	0-2	\$6,100	2027	* *	1	\$10,900	В	
	Corroded, Extent : Moderate, Area Affected : 25%								
	Location	: Boiler Room							

 $[\]label{lem:maintenance} \textit{Maintenance \$ are aggregated over a ten-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 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 Code
Heating								
Distribution								
Hot Wtr Piping/Pump	60%			2030	* *	4	\$1,800	В
No Component	40%							D
Terminal Devices								
Air Handler	40%			2017	\$97,700	1	\$10,100	В
Convector/Radiator	20%			2020	\$85,600	1	\$2,600	В
No Component	40%							D
Air Conditioning								
Energy Source								
Electricity	100%			2030	* *	1		В
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2022	\$41,800	2	\$500	В
			Extent : Light, Area	Affected	: 15%			
	Location	-						
	Explana	tion : 1 Uni	it					
No Component	80%							D
Heat Rejection								
Remote Air Cond	20%			2022	\$10,800	2	\$5,700	В
No Component	80%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$22,700	В
Exhaust Fans								
Interior	20%			2022	\$10,000	2	\$300	В
Roof	80%			2022	\$28,800	2	\$1,000	В
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2032	* *	1		В
Water Heater								
Gas Fired	100%			2015	\$10,500	2	\$600	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Backflow Preventer								
Generic	100%			2022	\$4,400	1	\$2,500	В
Fixtures					•		•	
Generic	100%							В
Fire Suppression								
Standpipe								
Generic	100%			2032	* *	1-5	\$21,300	В
Sprinkler							· · · · · · · · · · · · · · · · · · ·	
Generic	100%			2032	* *	1-2	\$11,400	В

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : OUEENS 6 GARAGE FORMER BETTS AVE. INCINERATOR

Address : **58-73 53RD AVE.**

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

Area Sq Ft : 62,880 Project Type : SANITATION

Date of Survey : 10-Jul-2012 Landmark Status : NONE

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

Block : 2361 Lot : 268 BIN : 4462505

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$4,068,600	\$292,300
Interior Architecture	\$1,218,500	\$145,900
Electrical		\$1,325,900
Mechanical	\$249,400	\$861,400
Total	\$5,536,500	\$2,625,500
Priority A	\$4,068,600	\$292,300
Priority B	\$566,400	\$2,187,300
Priority C	\$901,600	\$145,900
Total	\$5,536,500	\$2,625,500

Total	\$202,800	\$13,000	\$15,200	\$15,600
Priority C	\$30,400			\$1,000
Priority B	\$123,100	\$13,000	\$15,200	\$14,600
Priority A	\$49,300			
Total	\$202,800	\$13,000	\$15,200	\$15,600
Mechanical	\$99,200	\$9,400	\$10,600	\$8,100
Electrical	\$23,900	\$3,600	\$4,600	\$6,500
Interior Architecture	\$30,400			\$1,000
Exterior Architecture	\$49,300			
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



Maintenance \$ are aggregated over a 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 Re	epair	Futur	e Replacement	M	aintenance		
ystem Component Type		Tail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
kterior									
Exterior Walls	5 0/	N	¢122.500	LIDD	* *	_	\$40,000	A	
Cast in Place Concrete	Broken/Miss Location :	Througho			rea Affected : 20%	5	\$49,000	A	
	Location :			и Ајјеси	ea . 1070				
Masonry: Brick	Diagonal C Location :	Bulkhead				5	\$58,800	A	
		Miss/Erod, Bulkheads	Extent : Moderat s	e, Area A	Affected : 50%				
	Rusting Mas Location :		Extent : Modera s	te, Area	Affected : 50%				
	Vegetation C Location :		ctent : Moderate, A de	Area Affe	ected : 40%				
Masonry: Brick			\$321,500 Extent : Moderat ut	LIFE e, Area A	* * Affected : 50%	5	\$98,000	A	
	Rusting Mas Location :		Extent : Modera ut	te, Area I	Affected : 25%				
Masonry: Granite			\$129,100 Extent : Light, An ut	LIFE rea Affec	* * ted : 10%	5	\$7,400	A	
Metal Coiling Doors	10% Broken/Miss Location:	_	\$234,700 ents, Extent : Ligh ut	2028 t, Area A	* * ffected : 10%	5	\$30,600	A	
Windows									
Metal Louvers		0-2 sing Eleme Througho	\$1,400 ents, Extent : Ligh ut	2026 t, Area A	* * ffected : 10%			A	
Steel	97% Broken/Miss Location:	_		2048 erate, Ar	* * ea Affected : 25%	5	\$86,500	A	
		Rusting, Ex	tent : Moderate, A	Area Affe	ected : 50%				
		nefficient,	Extent : Severe, A	rea Affeo	cted : 50%				

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

Asset #: 2002

Architecture	Current R	Repair	Future Replacement Maintenance				
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Parapets	500/ N	¢22.000	LIPP	* *	_	¢1.200	
Masonry: Brick	50% Now Diagonal Cracks, Ext Location: Corners	\$23,000 ent : Severe, Area	LIFE Affected		5	\$1,200	A
	Horizontal Cracks, E. Location : Through		a Affecte	d : 20%			
	Jnt Mortar Miss/Eroa Location : Through		Area Affe	cted : 20%			
	Other Observation, E Location : East Side	? Parapets		d : 40%			
Massamu I imasstana	Explanation : Nettir			* *		¢1 200	A
Masonry: Limestone	43% Now Jnt Mortar Miss/Eroa Location: Coping	\$23,700 l, Extent : Moderat	LIFE e, Area A		5	\$1,300	A
Pre-Cast Concrete	7% Now	\$1,300	LIFE	* *	5	\$1,000	Α
	Jnt Mortar Miss/Eroa	l, Extent : Moderat	e, Area A	Affected : 100%			
	Location: Coping						
	Caulking Deteriorate	d, Extent : Modera	te, Area	Affected : 100%			
	Location: Coping		1.00	. 1 100/			
	Water Penetration, E. Location: Coping	xtent : Moderate, A	Area Affe	cted : 10%			
Roof							
Built-Up (BUR)	70% Now Blisters, Extent: Mod Location: Through		2033 ed : 25%	* *			A
	Vegetation Growth, E Location : Through	Extent : Moderate, I	Area Affe	ected : 15%			
	Water Penetration, E. Location : Entrance		rea Affe	cted : 10%			
	Worn/Eroded, Extent Location : Through	: Moderate, Area	Affected	: 100%			
Skylight, Metal/Glass	30% Now	\$455,700	2043	* *			A
2	Broken/Missing Elem Location : Through	ents, Extent : Mod	erate, Ar	ea Affected : 50%			
	Corrosion/Rusting, E. Location : Upper Ro		Area Affe	cted : 50%			
	Glazing Broken/Crack Location: Upper Ro		rate, Are	ea Affected : 60%			

Interior

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

Asset #: 2002

Architecture	Current l	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 Code
Interior							
Floors Cast in Place Concrete	85% Now Cracking/Crumbling Location: Through		LIFE rea Affect	* * ted : 10%	5	\$145,900	C
Ceramic Tile	5% Now Cracking/Crumbling Location: Through	\$17,000 Extent : Moderate	2032 , Area Af	* * fected : 20%	5	\$2,000	С
Vinyl Tile	10% Now Cracking/Crumbling Location : Offices Worn/Eroded, Extend Location : Offices		. 55		3	\$2,900	С
Interior Walls							
Cast in Place Concrete	20% Now Cracking/Crumbling Location: Through		LIFE ea Affecte	* * d : 20%			С
Concrete Masonry Unit	30% Now Cracking/Crumbling Location: Through		LIFE ea Affecte	* * d : 30%	5	\$9,000	С
Plaster	10% Now Cracking/Crumbling Location: Through	_	LIFE ea Affecte	* * d : 20%	5	\$2,200	С
SGFT/Glazed Masonry	40% Now Cracking/Crumbling Location : Through	_	LIFE ea Affecte	* * d : 30%			С
Ceilings AcousTileSusp.Lay-In	10% Now Cracking/Crumbling Location: Through Staining/Discoloring Location: Through	out , Extent : Moderate			5	\$3,900	В
Exposed Concrete	90% Now Cracking/Crumbling Location: Boiler R Water Penetration, E Location: Boiler R	oom and Througho Extent : Moderate, A	ut		5	\$11,000	В

Electrical	Curr	ent Repair	Futui	re Replacement	M	aintenance	
System Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Switchgear / Switchboard							
Molded Case Bkrs	70%		2023	\$71,300	5	\$1,000	В
Molded Case Bkrs	30%		2043	* *	5	\$400	В

Maintenance \$ are aggregated over a ten-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	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Raceway								
Conduit	90%			2023	\$29,200	1		В
Conduit	10%			2043	* *	1		В
Panelboards					***	_	4.00	_
Fused Disc Sw	20%			2022	\$14,300	5	\$200	В
Molded Case Bkrs	50%			2022	\$35,800	5	\$700	В
Molded Case Bkrs	30%			2039	* *	5	\$400	В
Wiring	C00/	2.4	¢17.500	2040	* *	1		D
Braided Cloth		2-4 Aged, Extent : Through	\$17,500 ent : Moderate, Are	2048 a Affecte		1		В
Thomanlostic				2042	* *	1		D
Thermoplastic Thermoplastic	10% 30%			2043 2023	\$8,700	1 1		B B
Motor Controllers	30%			2023	\$0,700	1		D
Motor Controllers Locally Mounted	5%			2036	* *	5		В
Locally Mounted	15%			2030	\$181,100	5	\$100	В
Motor Control Center	80%			2021	\$966,000	5	\$1,100	В
Ground	0070			2021	\$700,000		φ1,100	ъ
Grounding Devices								
Generic	Location			LIFE a Affecte	* * cd : 100%	5	\$800	В
Stand-by Power	Вирини	iton. com	sucu					
Transfer Switches								
Automatic	50%			2036	* *	1	\$7,900	В
Automatic	50%			2021	\$5,300	1	\$7,900	В
Generators								
Diesel	Location	servation, E 1 : 1st Floo tion : One		2019 Area Affe	\$71,600 ected : 100%	1	\$19,900	В
Batteries								
Lead/Acid	100%			2014	\$600	5	\$1,900	В
Fuel Storage								
Day Tank	Location	servation, E 1 : Generat tion : One		2022 Area Affe	\$2,100 ected : 100%	5	\$4,900	В
Main Tank	50%			2026	* *	5	\$800	В
Lighting Interior Lighting								
Fluorescent	70%			2031	* *	10	\$33,700	В
	Location	i : Through		Area Affe	ected : 100%			
Ш		tion : T-8 I	мтрѕ	2021	* *	10	ф г 00	D
HID	30%			2031	**	10	\$500	В

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

Asset #: 2002

Electrical	Cı	urrent Repair	Futur	e Replacement	Ma	aintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting							
Egress Lighting							
Exit, Service	50%		2031	* *	1		В
Exit, Service	50%		2023	\$4,200	1		В
Exterior Lighting							
HID	30%		2031	* *	10		В
HID	70%		2018	\$7,000	10	\$100	В
Lightning Protection							
Arresters/Cabling							
Not Accessible	100%						D

Mechanical		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating	•			•				
Energy Source Interruptible Gas/Dual Fuel	100%			2033	* *	1		В
Conversion Equipment Steam Boiler	75%	Now	\$95,400	2028	**	1	\$35,100	В
	Location Other Obs Location	: Boiler Co ervation, E : Supplies	nt : Moderate, Arec ontrollers, 2nd Flo Extent : Light, Area Both Central Repo ets. Boilers Also Su	or Affected air Shop A	: 100% And Police Repair	-		
Steam Boiler	25% Other Obs Location		xtent : Light, Area r	2043	* *	1	\$13,000	В
Distribution								
Steam Piping/Pump	100%			2023	\$722,100	4	\$3,900	В
Terminal Devices Convector/Radiator		Now ed Life, Ext : Through	\$154,000 tent : Severe, Area	2028 Affected	* *	1	\$10,700	В
Unit Heater-Stm/HW	30% Unit Inope	Now	\$32,600 ent : Severe, Area A	2023 Effected :	\$65,200 100%	4	\$1,400	В
Air Conditioning								
Energy Source Electricity	100%			2031	* *	1		В
Conversion Equipment Window/Wall Unit No Component	10% 90%			2018	\$12,000	1		B D
Terminal Devices Fan Coil - Cooling No Component	10% 90%			2023	\$4,500	1	\$1,700	B D

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

^{**} 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 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Air Conditioning									
Heat Rejection									
Remote Air Cond	10%			2023	\$3,500	2	\$3,700	В	
No Component	90%							D	
Ventilation									
Distribution									
Ductwork/Diffusers	60%	Now	\$27,700	LIFE	* *	2-5	\$17,500	В	
		_	ıt : Severe, Area A	ffected :	100%				
		: Througho	put 						
No Component	40%							D	
Exhaust Fans									
Interior	60%			2018	\$38,700	2	\$1,000	В	
Wall Unit	40%			2018	\$35,300	2	\$600	В	
Plumbing									
H/C Water Piping									
Galv Iron/Steel	100%			2028	* *	1		В	
Water Heater									
Electric	100%			2018	\$9,100	4	\$500	В	
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1		В	
Storm Drain Piping									
Cast Iron	100%			LIFE	* *	1		В	
Sump Pump(s)									
Submersible	100%			2014	\$6,100	4	\$2,000	В	
Sewage Ejector(s)									
Compressed Air	100%	Now	\$26,000	2053	* *	4	\$1,300	В	
	-	_	t : Severe, Area Aj	ffected :	100%				
		: Pneumati	-						
		Not in Service, Extent : Severe, Area Affected : 50%							
	Location	: 1 Unit In	Ejector Room						
Backflow Preventer									
Generic	100%			2028	* *	1	\$3,200	В	
Fire Suppression									
Standpipe								_	
No Component	50%							D	
Generic	50%			2049	* *	1-5	\$13,200	В	

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : QUEENS 7 GARAGE

Address : 120-15 31 AVENUE BTWN: 30 AVE. - 31 AVE.

Borough : QUEENS Agency's Number : N/A

Date of Survey : 24-Jan-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 4346 Lot : 75 BIN : 4438018

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$488,700	
Interior Architecture	\$160,400	\$295,000
Electrical		\$610,900
Mechanical	\$103,700	\$472,400
Total	\$752,800	\$1,378,400
Priority A	\$488,700	
Priority B	\$103,700	\$1,083,400
Priority C	\$160,400	\$295,000
Total	\$752,800	\$1,378,400

Total	\$59,800	\$12,100	\$48,700	\$58,900
Priority C	\$16,100		\$4,000	
Priority B	\$43,600	\$12,100	\$44,800	\$58,900
Priority A				
Total	\$59,800	\$12,100	\$48,700	\$58,900
Mechanical	\$28,700	\$9,000	\$40,900	\$10,600
Electrical	\$2,500	\$3,100	\$3,800	\$48,300
Interior Architecture	\$28,500		\$4,000	
Exterior Architecture				
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



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

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

Asset #: 139

chitecture	Current Repair		Future Replacement		Maintenance		
tem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
erior							
Exterior Walls	C F 0/		LIDE	* *	~	φ1 7.2 00	
Concrete Masonry Unit	65%	¢00.400	LIFE	* *	5	\$17,300	A
Metal Coiling Doors	35% Now Corrosion/Rusting, Ex	\$89,400	2035		5	\$23,300	A
•	Location : Through	_	Ajjeciea :	10%			
	Deformed/Dented, Ex		rea Affecte	od · 15%			
•	Location : East Face		rea rijjecie	.u . 1570			
Windows							
Aluminum	95% Now	\$289,000	2047	* *	5	\$3,100	A
	Air Infiltration, Exten	t : Moderate, Area	a Affected :	100%			
	Location: Throughout						
Ï	Hardware Missing, E.		Area Affect	ed : 40%			
	Location: Throughout						
Î	Misaligned/Bulging, E Location : Througho		Area Affec	cted : 100%			
,	Water Penetration, Ex	xtent : Moderate, A	Area Affect	ed : 100%			
	Location: Throughout	out					
Metal Louvers	5%		2031	* *	10	\$2,000	A
Parapets					_		
Concrete Masonry Unit	90%		LIFE	* *	5	\$4,900	A
Pre-Cast Concrete	10%		LIFE	* *	5	\$3,100	A
Roof Modified Bitumen	98%		2027	* *	10	\$110,200	A
Skylight, Plastic	2%		2027	* *	10	\$110,200	A
rior	2 /0		2033		1		Λ
Floors							
Cast in Place Concrete	85% Now	\$160,400	LIFE	* *	5	\$236,000	C
	Cracking/Crumbling,			ected : 10%		,	
	Location : Garage A	Area					
Ceramic Tile	5%		2031	* *	5	\$6,300	С
Terrazzo	5%		LIFE	* *	5	\$5,000	Č
,	Worn/Eroded, Extent	: Moderate, Area	Affected : 4	40%		. ,	
	Location : First Floo	or					
Vinyl Tile	5%		2022	\$59,000	3	\$2,400	С
Interior Walls							
Concrete Masonry Unit	75%		LIFE	* *	5	\$16,600	C
Glass: Single Pane	2%		LIFE	* *	5	\$800	C
Metal Panel	3%		LIFE	* *			C C C
-	15%		LIFE	* *			C
Wood		\$16,100		* *	5	\$11,100	C
Î			Area Affec	cted : 40%			
Concrete Masonry Unit Glass: Single Pane Metal Panel SGFT/Glazed Masonry Wood	2% 3%	Extent : Moderate,	LIFE LIFE LIFE LIFE	* * * * * *	5	\$80	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 #: 139

Architecture		Current R	lepair epair	Futur	e Replacement	M	aintenance		
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Interior									
Ceilings									
AcousTileSusp.Lay-In	15%	Now	\$12,400	2035	* *	5	\$9,500	В	
	Location: Staining/Dis Location: Water Pene	roken/Missing Elements, Extent : Moderate, Area Affected : 15% Location : Offices And First Floor Hallway. caining/Discoloring, Extent : Moderate, Area Affected : 20% Location : Offices And Telephone Service Room. Vater Penetration, Extent : Moderate, Area Affected : 10% Location : Offices							
Exposed Concrete	5%			LIFE	* *	5	\$1,000	В	
Exposed Struc: Steel	80%			LIFE	* *			В	
	Water Pene Location :		xtent : Moderate, A Area	rea Affe	cted : 5%				

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 Code		
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%		2032	* *	5	\$400	В		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Electric	al Room							
	Explanation: One	Electrical Service F	Rated At	2500 Ampere.					
Transformers									
Dry Type	100%		2027	* *	5	\$300	В		
	Other Observation, I	Extent : Light, Area	Affected	: 10%					
	Location : Mechan	ical Room							
	Explanation: One	Dry Type Rated At	75 Kva						
Switchgear / Switchboard									
Fused Disc Sw	100%		2032	* *	5	\$400	В		
Raceway									
Conduit	100%		2032	* *	1		В		
Panelboards									
Fused Disc Sw	5%		2030	* *	5	\$100	В		
Molded Case Bkrs	50%		2030	* *	5	\$1,200	В		
Molded Case Bkrs	45%		2021	\$17,400	5	\$1,100	В		
Wiring									
Thermoplastic	100%		2032	* *	1		В		
Motor Controllers									
Motor Control Center	100%		2027	* *	5	\$2,400	В		
Ground									
Grounding Devices									
Generic	100%		LIFE	* *	5	\$1,300	В		
I ighting									

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 #: 139

Electrical	Current Repair	Futur	e Replacement	Ma	aintenance				
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Lighting									
Interior Lighting									
Fluorescent	25%	2022	\$46,000	10	\$19,400	В			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: Throughout								
	Explanation: T-12 Lamps								
HID	75%	2022	\$38,300	10	\$2,100	В			
Egress Lighting									
Exit, Service	50%	2017	\$6,900	1		В			
Exit, Battery	50%	2017	\$34,300	10	\$2,900	В			
Exterior Lighting									
HID	100%	2022	\$5,300	10	\$300	В			
Alarm									
Fire/Smoke Detection									
No Component	50%					D			
Generic	50%	2022	\$509,300	1-3	\$27,300	В			

Mechanical	Current Repa	ir Futur	e Replacement	М	aintenance		
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating							
Energy Source							
Natural Gas	60%	2032	* *	1		В	
	Other Observation, Exten	t : Light, Area Affected	! : 100%				
	Location: Throughout						
	Explanation : Serves Go	as Fired Unit Heaters A	and Roof Top Units				
Interruptible Gas/Dual	40%	2048	* *	1		В	
Fuel							
	Other Observation, Exten	t : Light, Area Affected	! : 100%				
	Location : Side Of Build	ling					
	Explanation: 1 - 2,500	Gallon Buried Tank Fo	or #2 Fuel, Serves I	Boilers			
Conversion Equipment							
Furnace	25% Now	\$103,700 2032	* *	1	\$9,500	В	
	Other Observation, Extent : Severe, Area Affected : 100%						
	Location: Roof						
	Explanation: All Roof	Гор Units Are Broken <mark>(</mark>	Causing Insufficient	t Heat Fo	or Garage		
Furnace	25%	2022	\$103,700	1	\$10,500	В	
	Other Observation, Exten	t : Light, Area Affected	! : 100%		,		
	Location: Garage	0 00					
	Explanation: Hanging	Gas Fired Unit Heater.	s Serving Garage S	<i>'pace</i>			
Hot Water Boiler	30%	2039	* *	1	\$12,600	В	
	Other Observation, Exten	t : Light, Area Affected	! : 100%		, - - ,		
	Location : Boiler Room	-					
	Explanation : 2 Boilers						
Radiant Heater	20%	2022	\$83,100	2	\$7,900	В	
Kadiant Heater	20%	2022	\$85,100	2	\$7,900	В	

Maintenance \$ are aggregated over a ten-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 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 Cod
Heating	•			•				•
Distribution								
Hot Wtr Piping/Pump	40%			2038	* *	4	\$2,500	В
No Component	60%							D
Terminal Devices								
Convector/Radiator	40%			2035	* *	1	\$11,000	В
Fan Coil Unit/Heat	30%			2027	* *	1	\$8,200	В
No Component	30%							D
Air Conditioning								
Energy Source	1000/			2020	* *	1		ъ
Electricity	100%			2038	* *	1		В
Conversion Equipment Ext Pkg Unit -	400/			2022	\$240,000	2	\$2,100	В
Heating/Cooling	40%			2022	\$249,000	2	\$2,100	В
Heating/Cooling	R-22 Refr	gerant Ext	ent : Light, Area A	ffected ·	100%			
		: Roof Top		ујестей.	100/0			
			xtent : Severe, Are	a Affecte	d · 100%			
	Location		aieni . Bevere, me	a rijjeete	u . 10070			
		-	n Environment Affe	ects Coil	Life			
No Component	60%		, 2 13j.c		2.50			D
Distribution	0070							D
Ductwork/Diffusers	100%			LIFE	* *	2	\$110,300	В
Ventilation							+,	
Exhaust Fans								
Roof	100%	Now	\$11,000	2022	\$36,600	2	\$2,100	В
	Malfunctio	oning, Exter	nt : Severe, Area A	ffected :	60%			
	Location	: Roof						
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2035	* *	1		В
Water Heater								
Gas Fired	100%			2020	\$22,000	2	\$1,300	В
			xtent : Light, Area	Affected	: 100%			
		: Boiler Ro						
	Explana	tion : 2 Uni	ts Share Storage T	ank				
Sanitary Piping	1000/			I IEE	* *			ъ
Cast Iron	100%			LIFE	**	1		В
Storm Drain Piping	1000/			LIDE	ታ ታ	1		D
Cast Iron	100%			LIFE	* *	1		В
Backflow Preventer	10004			2027	* *	1	φ ε 20 0	D
Generic	100%			2027	~ *	1	\$5,200	В
Fixtures	1.000/							ъ
Generic	100%							В

Fire Suppression

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

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

DEPARTMENT OF SANITATION - 827 QUEENS 7 GARAGE

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Fire Suppression				
Standpipe				
Generic	100% Now \$6,70	0 2042 **	1-5 \$30,100	В
	Other Observation, Extent: Modera	e, Area Affected : 50%		
	Location : Garage			
	Explanation: 1 Connection Recent	ly Used For Fire, Connected I	Hose Ice Filled	
Sprinkler				
Generic	100%	2042 **	1-2 \$23,800	В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : QUEENS 7 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 : 24-Jan-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 4346 Lot : 75 BIN : 4802407

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$253,400	\$107,600
Interior Architecture	\$36,600	\$215,400
Total	\$290,000	\$323,000
Priority A	\$253,400	\$107,600
Priority C	\$36,600	\$215,400
Total	\$290,000	\$323,000

Total	\$81,100	\$65,000	\$37,900	\$36,700
Priority C		\$11,500		
Priority B	\$42,300	\$23,200	\$37,900	\$36,700
Priority A	\$38,800	\$30,300		
Total	\$81,100	\$65,000	\$37,900	\$36,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$25,500	\$13,700	\$29,000	\$12,200
Electrical	\$9,700	\$5,500	\$4,900	\$20,600
Interior Architecture	\$3,200	\$11,500		
Exterior Architecture	\$38,800	\$30,300		
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



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

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

Asset #: 13725

Architecture		Current Re	pair	Futur	e Replacement	N	laintenance		
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cos	t Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior								•	
Exterior Walls									
Cast in Place Concrete	2%			LIFE	* :	. 3	\$9,900	A	
Masonry: Brick	70%			LIFE	* :	5	\$69,000	A	
Metal Panel	3%			2048	* :	* 5-10	\$20,300	A	
		/Rusting, Ext 1 : West Faca	ent : Light, Area de	Affected	: 5%				
		servation, Ext n : West Faca	tent : Moderate, A de	Area Affe	ected : 100%				
	Explana	tion : This Co	omponent Is Actu	ally Stee	l Plate				
Metal Sect. OHD	25%		\$43,300	2039	* :	* 5	\$38,500	A	
	Other Obs	ervation, Ext	ent : Light, Area	Affected	: 15%				
	Location	Location: Throughout							
	Explana	tion : Deterio	orated Finish						
Windows									
Aluminum	15%			2044	* :	5	\$400	A	
Metal Louvers	85%			2035	* :	* 10	\$13,000	A	
Parapets	0.50/				ata .		424.200		
Masonry: Brick	85%		422 500	LIFE	* :	5	\$21,200	A	
Masonry: Brick	10%	Now	\$32,600	LIFE	*:	* 5	\$2,500	A	
	Diagonal Cracks, Extent : Moderate, Area Affected : 5% Location : At Corners								
				4.00	1 150/				
		0 0	xtent : Severe, Ar						
		i : At Northed	ast And Southeast	Corners					
Pre-Cast Concrete	5%			LIFE	* :	* 5	\$7,900	A	
Roof									
Modified Bitumen	91%			2027	* :	* 10	\$210,000	A	
	Water Penetration, Extent : Light, Area Affected : 2% Location : Over Garage Floor								
		ervation, Ext a : Throughou	ent : Moderate, A ut	Area Affe	cted : 80%				
	Explana	tion : Covere	d With Snow						
Paver: Asphalt	5%			2035	* :	* 10	\$17,300	A	
Skylight, Metal/Glass	1%	Now	\$6,100	2048	* :		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	A	
, , , , , , , , , , , , , , , , , , ,	Glazing B	roken/Cracke	ed, Extent : Mode d Floor Lobby		ea Affected : 10%	ó			
Skylight, Plastic	3%			2039	*:	* 1		A	
nterior	370			2037		1		4.1	

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

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 Code
nterior							
Floors							
Cast in Place Concrete	10% Now	\$36,600	LIFE	* *	5	\$26,900	C
	Cracking/Crumbling, Location: Wash Bay		Area A	ffected : 25%			
	Loose/Delam Surface, Location : Wash Bay		e, Area A	Affected : 25%			
	Other Observation, Ex		rea Affe	ected : 25%			
	Location: Wash Bay			20,0			
	Explanation : Toppin		ilapidat	ing			
Cast in Place Concrete	70%		LIFE	* *	5	\$188,500	С
Ceramic Tile	15%		2035	* *	5	\$18,500	C
Vinyl Tile	5%		2030	* *	3	\$2,300	C
Interior Walls							
Ceramic Tile	10%		2035	* *	5	\$2,900	C
Concrete Masonry Unit	73%		LIFE	* *	5	\$8,500	C
Glass: Single Pane	2%		LIFE	* *	5	\$400	C
Gypsum Board	5%		LIFE	* *	5	\$900	C
Masonry: Brick	10%		LIFE	* *			C
Ceilings							
AcousTileSusp.Lay-In	20% Now	\$3,200	2039	* *	5	\$12,300	В
	Broken/Missing Eleme		erate, Ar	ea Affected : 2%			
	Location : Control F						
	Staining/Discoloring,		-	ffected : 5%			
	Location : Lunch Ro	om And Control R	oom				
Exposed Struc: Steel	75%		LIFE	* *			В
-	Water Penetration, Ex	tent : Light, Area	Affected	: 5%			
	Location : Garage F	loor					
Gypsum Board	5%		LIFE	* *	5	\$7,700	В

Electrical	Current Repair	Future Repla	cement	M	aintenance	
ystem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estima	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2048	* *	5	\$400	В
	Other Observation, Extent : M.	Ioderate, Area Affected : 1	00%			
	Location: Electrical Room					
	Explanation : One Electrica	l Service Rated At 4000a.				
Switchgear / Switchboard						
Fused Disc Sw	100%	2048	* *	5	\$400	В
Raceway						
Conduit	100%	2048	* *	1		В
Panelboards						
Fused Disc Sw	10%	2044	* *	5	\$200	В
Molded Case Bkrs	90%	2044	* *	5	\$2,000	В

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

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

Asset #: 13725

Electrical	Current Repa	ir Future	e Replacement	М	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Wiring						
Thermoplastic	100%	2048	* *	1		В
Motor Controllers	200/	2020	* *	_	#100	ъ
Locally Mounted	20%	2039	* *	5	\$100	В
Motor Control Center	80% Other Observation, Extent	2039		5	\$1,800	В
	Location : Electrical Ro		. 100%			
	Explanation: Motor Co.		10% Of The Mecho	mical Lo	ad	
Ground	Explanation : Motor Co.	uroi cenier controls o	070 Of The Meene	inicai Lo	ш.	
Grounding Devices						
Not Accessible	100%					D
	Other Observation, Extens	t : Light, Area Affected	: 0%			
	Location: First Floor					
	Explanation: Connected	l To Water Main Pipe, I	Point Of Contact 1	Not Visib	le Due To	
	Insulation Covering					
Lighting						
Interior Lighting	1.50/	2027	* *	10	¢11 200	D
Fluorescent	15% Other Observation, Extent	2027		10	\$11,300	В
	Location : Throughout (ciea . 100%			
	Explanation: T-8 Lamp.					
HID	85%	2027	* *	10	\$2,300	В
IIID	Other Observation, Extens			10	\$2,500	ъ
	Location: Throughout (. 100/0			
	Explanation : H. I. D. Ty	=				
Egress Lighting		1				
Exit, LED	60%	2050	* *	1		В
Exit, Service	30%	2022	\$4,000	1		В
Exit, Battery	10%	2027	* *	10	\$600	В
Exterior Lighting						
HID	100%	2027	* *	10	\$300	В
Lightning Protection						
Arresters/Cabling						
Generic	100%	2057	* *	5	\$2,400	В
Alarm						
Security System	000/	2027	* *	1	620.500	D
Generic	99% Other Observation Extens	2027		1	\$30,500	В
	Other Observation, Extend Location : Inside And O		viea : 100%			
		_				
Comment.	Explanation: 12 Cctv C		* *	1	ф 2 00	D
Generic	1% Now	\$2,800 2032		1	\$300	В
	Not in Service, Extent : M Location : Security Room		: 100%			
	Locuiton . Security Roof	n e				

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

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

Asset #: 13725

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 Code
Alarm				
Fire/Smoke Detection				
No Component	60%			D
Generic	40%	2027 **	1-3 \$20,300	В
	Other Observation, Extent: Moderate,	Area Affected : 100%		
	Location: Hallways, Mechanical Roo	m And Garage		
	Explanation: Strobe Lights, Manual	Pull Station And Smoke Det	ectors	

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 Code
Heating						
Energy Source Natural Gas	100%	2048	* *	1		В
Conversion Equipment	10070	20.0				
Furnace	75%	2030	* *	1	\$30,600	В
	Other Observation, Extent : Light, Area		! : 100%		, ,	
	Location: Garage	55				
	Explanation : Gas Fired Roof Top Un Space	its And G	Gas Fired Unit Hea	ters Hun	g In Garage	
Hot Water Boiler	25%	2039	* *	1	\$10,200	В
	Other Observation, Extent : Light, Area	Affected	! : 100%		, ,, ,,	
	Location : Boiler Room	55				
	Explanation : 3 Boilers Serve Office A	reas				
Distribution						
Hot Wtr Piping/Pump	25%	2044	* *	4	\$1,000	В
No Component	75%					D
Terminal Devices						
Air Handler	5%	2030	* *	1	\$2,600	В
Fan Coil Unit/Heat	20%	2030	* *	1	\$5,300	В
No Component	75%					D
Air Conditioning						
Energy Source						
Natural Gas	100%	2048	* *	1		В
Conversion Equipment						
Absorption	25%	2030	* *	1	\$22,300	В
Chiller/Direct Fire						
	Other Observation, Extent: Light, Area Location: Roof	Affected	! : 100%			
	Explanation: 8 Chiller Units, Using I	R-717				
No Component	75%					D
Distribution						
Chilled Wtr Pipe/Pump	25%	2048	* *	4	\$1,000	В
No Component	75%					D
Terminal Devices						
Air Handler/Cool/Ht	25%	2027	* *	1	\$12,700	В
No Component	75%					D

Maintenance \$ are aggregated over a 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 Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning							
Heat Rejection							
Remote Air Cond	100%		2030	* *	2	\$57,300	В
Ventilation							
Distribution							
Ductwork/Diffusers	40%		LIFE	* *	2-5	\$18,300	В
No Component	60%						D
Exhaust Fans							
Roof	100%		2030	* *	2	\$2,500	В
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2048	* *	1		В
Water Heater							
Gas Fired	100%		2021	\$21,300	2	\$1,200	В
	Other Observation,	Extent : Light, Area	Affected	: 100%			
	Location: Boiler	Room					
	Explanation: 2 - :	500 Gallon Units					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Backflow Preventer							
Generic	100%		2030	* *	1	\$5,100	В
Fixtures						. , , , , , , , , , , , , , , , , , , ,	
Generic	100%						В
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			С
11) drawit		Extent : Light, Area		: 100%			
	Location: 1, M, 2	_	33				
	Explanation: 1 U						
Fire Suppression							
Standpipe							
Generic	100%		2048	* *	1-5	\$41,500	В
Sprinkler	20070					Ψ11,200	
Generic	100%		2048	* *	1-2	\$23,100	В
Generic	100/0		2070		1-4	ΨΔ3,100	ע

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : QUEENS 8/10/12 GARAGE BERGENLANDING

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 : 15-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 11884 Lot : 1 BIN : 4257531

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,827,200	\$236,600
Interior Architecture	\$676,100	\$320,600
Electrical	\$34,800	\$201,300
Mechanical	\$178,400	\$149,200
Total	\$2,716,600	\$907,700
Priority A	\$1,827,200	\$236,600
Priority B	\$473,500	\$444,200
Priority C	\$415,900	\$227,000
Total	\$2,716,600	\$907,700

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture				\$19,000
Interior Architecture	\$1,400			\$1,400
Electrical	\$2,300	\$300	\$1,100	\$67,700
Mechanical	\$30,800	\$6,900	\$13,400	\$57,100
Total	\$34,500	\$7,200	\$14,500	\$145,300
Priority A				\$19,000
Priority B	\$33,100	\$7,200	\$14,500	\$124,900
Priority C	\$1,400			\$1,400
Total	\$34,500	\$7,200	\$14,500	\$145,300



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

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

DEPARTMENT OF SANITATION - 827 QUEENS 8/10/12 GARAGE BERGENLANDING

Asset #: 4189

Architecture	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior						
Exterior Walls	650/ N	15.000 I IEE	ale ale	_	Φ<	
Masonry: Brick		15,800 LIFE	**	5	\$65,800	A
	Int Mortar Miss/Erod, Extent:	тоаегате, Агеа Ађес	rtea : 25%			
	Location: Throughout Rusting Masonry Supt, Extent	· Madarata Araa Affa	otad : 200/			
	Location: At Door Openings		ciea . 2070			
Matal Danal	·		* *	<i>5</i> 10	\$60,600	Α.
Metal Panel	10% 25% Now \$3	2032 02,900 2027	* *	5-10 5	\$69,600 \$39,500	A A
Metal Coiling Doors	Broken/Missing Elements, Exte	*		3	\$39,300	Α
	Location: North Facade	em . Moderdie, Area A	ijjecieu . 2070			
	Corrosion/Rusting, Extent: Me	oderate Area Affectea	1 · 25%			
	Location : North Facade	sucraic, in cariffeetea	. 2370			
Windows						
Aluminum	5%	2038	* *	5	\$700	Α
Steel		36,800 2047	* *	5	\$80,700	A
	Air Infiltration, Extent : Model		0%		, ,	
	Location: Throughout					
	Bent/Warped Elements, Extent	: Moderate, Area Affe	ected : 20%			
	Location: Throughout					
	Corrosion/Rusting, Extent: Mo Location: Throughout	oderate, Area Affectea	l : 25%			
	Deteriorated Finish, Extent: N Location: Throughout	Aoderate, Area Affecte	ed : 50%			
	Glazing Broken/Cracked, Exte	nt : Moderate. Area A	ffected : 25%			
	Location: Throughout	, 1,10 , 11, 0 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Roof						
Single Ply Membrane	100% Now \$5	71,700 2032	* *			A
	Miss/Damaged Flashings, Exte	ent : Moderate, Area A	Affected : 15%			
	Location : West Side					
	Recent Repair Evident, Extent	: Light, Area Affected	: 10%			
	Location : Over Queens 10 C	=				
	Seams Open/Split, Extent : Mo		: 20%			
	Location : Over Garage Area					
	Water Penetration, Extent: Me	==	!: 10%			
A contract	Location : Over Queens 10 C	rarage				
terior Floors						
Cast in Place Concrete	90% Now \$3	08,600 LIFE	* *	5	\$227,000	С
Cust in Frace Concrete	Cracking/Crumbling, Extent: Location: Throughout		: 30%	3	Ψ227,000	C
	Punct/Tear/Impact Damage, E Location : Throughout	xtent : Moderate, Ared	a Affected : 159	%		
	Uneven Surface, Extent : Mode Location : Throughout	erate, Area Affected :	10%			
Vinyl Tile	10%	2017	\$107,300	3	\$5,800	C
,	Worn/Eroded, Extent : Modera			2	Ψ2,000	Č
	Location: Throughout	. JJ				

Maintenance \$ are aggregated over a 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 8/10/12 GARAGE BERGENLANDING

Asset #: 4189

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 Code
Interior								
Interior Walls								
Concrete Masonry Unit	85%			LIFE	* *	5	\$15,900	C
Gypsum Board	10%			LIFE	* *	5	\$2,800	C
SGFT/Glazed Masonry	5%			LIFE	* *			C
Ceilings								
AcousTileSusp.Lay-In	10%	0-2	\$75,200	2042	* *	5	\$5,800	В
	Cracking/	Crumbling,	Extent : Moderate	, Area Ą	ffected : 25%			
	Location	n : Locker F	Rooms					
	Water Per	netration, E	Extent : Moderate, A	Area Affe	ected : 10%			
		n : Locker F						
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 25%			
	Location	n : Locker F	Rooms	55				
Exposed Struc: Steel	25%			LIFE	* *			В
Gypsum Board	65%		\$185,100	LIFE	* *	5	\$93,700	В
Sypouni Zouru			Extent : Moderate		ffected : 25%		Ψ>Σ,7.00	-
	_	ı : Through		,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
		_	Extent : Moderate, A	Area Affe	ected : 25%			
		ı : Garage		1.00.11990	20,0			
		O	: Moderate, Area 1	Affected	. 25%			
		aea, Exieni 1 : Through		пујестеи	. 23/0			

Electrical	Current	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 Code
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2022	\$15,600	5	\$400	В
	Other Observation, I	Extent : Moderate, A	rea Affe	cted : 100%			
	Location : Electric	al Room / Garage 1	0				
	Explanation : Mair	n Service Switch Rat	ed @ 12	00 Amperes			
Switchgear / Switchboard							
Fused Disc Sw	100%		2022	\$48,500	5	\$400	В
Raceway							
Conduit	100%		2022	\$56,000	1		В
Panelboards							
Fused Disc Sw	10%		2021	\$3,900	5	\$200	В
Molded Case Bkrs	90%		2021	\$34,700	5	\$2,100	В
Wiring							
Thermoplastic	100%		2022	\$43,000	1		В
Motor Controllers							
Locally Mounted	100%		2020	\$53,800	5	\$600	В
Ground							
Grounding Devices							
Not Accessible	100%						D

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.

DEPARTMENT OF SANITATION - 827 QUEENS 8/10/12 GARAGE BERGENLANDING

Asset #: 4189

Electrical	С	urrent Repair		Futur	e Replacement	M	aintenance		
System Component Type		il Date Estir Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Lighting									
Interior Lighting									
Fluorescent	20%			2017	\$33,400	10	\$14,100	В	
	Other Observ	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : I	Boiler Room A	nd Offices						
	Explanation	ı: T-8 Lamps							
HID	75%			2017	\$34,800	10	\$1,900	В	
HID	5% I	Now	\$2,300	2032	* *			В	
	Malfunctionii	ng, Extent : M	oderate, Ared	ı Affecte	d: 100%				
	Location : 1	st Floor							
Egress Lighting									
Exit, Service	100%			2017	\$12,500	1		В	
Exterior Lighting					·				
HID	100%			2017	\$5,200	10	\$300	В	

Mechanical		Current Repair		Future	e Replacement	М	aintenance	
System Component Type	% of 1 Total	Fail Date Estim (Years)	ated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Natural Gas	80%			2032	* *	1		В
Interruptible Gas/Dual Fuel	20%			2032	* *	1		В
Conversion Equipment								
Furnace	80%			2027	* *	1	\$30,600	В
		rvation, Extent : . : Throughout	Light, Area	Affected	: 80%			
		on : 60 Units						
Hot Water Boiler	20%			2027	* *	1	\$7,600	В
		ervation, Extent :	Light, Area		: 20%	_	+,,,,,,,,	_
		: 2 Boiler Rooms	0 /	33				
	Explanati	on: 2 Units						
Distribution	<u> </u>							
Hot Wtr Piping/Pump	20%	0-2	\$1,700	2030	* *	4	\$800	В
1 0 1	Insul. Deter	riorating, Extent .	Moderate,	Area Aff	ected : 10%			
	Location .	: Throughout						
No Component	80%							D
Terminal Devices								
Air Handler	10%			2017	\$46,200	1	\$4,800	В
Convector/Radiator	10%			2020	\$81,000	1	\$2,500	В
No Component	80%				. ,		. ,	D
Air Conditioning								
Energy Source								
Electricity	100%			2030	* *	1		В

Maintenance \$ are aggregated over a 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 8/10/12 GARAGE BERGENLANDING

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 Code	
Air Conditioning	•			•				•	
Conversion Equipment									
Reciprocating	20%			2017	\$58,200	1	\$7,200	В	
Compr/Chiller									
Window/Wall Unit	10%			2017	\$17,600	1		В	
No Component	70%							D	
Terminal Devices									
Air Handler/Cool/Ht	20%			2017	\$21,900	1	\$9,500	В	
No Component	80%							D	
Ventilation									
Distribution									
Ductwork/Diffusers	100%	0-2	\$74,000	LIFE	**	2-5	\$43,000	В	
			Extent: Moderate,	Area Afj	ected : 50%				
		: Through		1.00	1 1000/				
			Extent : Severe, Are	a Affecte	d: 100%				
		: All Room							
P. I P	Explanat	ion : Regis	sters And Diffusers	Need Cle	eaning				
Exhaust Fans	1.000/	NT.	¢< 000	2022	ΦC0 20 0	2	¢1 000	D	
Roof	100%	Now	\$6,800 nt : Severe, Area A	2022	\$68,200	2	\$1,900	В	
	Location		mi : Severe, Area A	jjeciea :	40%				
DII.S	Locuion	. Kooj							
Plumbing H/C Water Piping									
Brass/Copper	100%			2032	* *	1		В	
Water Heater	10070			2032		1		ъ	
Oil Fired	100%			2020	\$26,600	1	\$2,300	В	
Sanitary Piping	10070			2020	Ψ20,000		Ψ2,300	Б	
Cast Iron	100%	Now	\$9.300	LIFE	* *	1		В	
Cust Hon			Extent : Severe, Are		ed: 25%	1		Ь	
			Keeps Clogging At						
Storm Drain Piping			1 00 0						
Cast Iron	100%	Now	\$6,000	LIFE	* *	1		В	
Cust 11011			Extent : Severe, Are		ed: 20%	-		-	
	_		Garage 8 And 12	55					
Sump Pump(s)									
Rigid Piping	100%			2017	\$10,100	4	\$1,300	В	
Backflow Preventer					. ,		. ,		
Generic	100%			2022	\$8,300	1	\$4,800	В	
Fixtures					. ,		. , , , , , , , , , , , , , , , , , , ,		
Generic	100%							В	

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : QUEENS DISTRICT 14 GARAGE

Address : 51-10 ALMEDA AVENUE

Borough : QUEENS Agency's Number : N/A

 Program / Asset # : DOS0065.000 / 14558
 Yr Built/Renovated : 2004 / 2010

 Area Sq Ft : 62,100
 Project Type : SANITATION

Date of Survey : 10-Jul-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 15980 Lot : 2 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$194,500	\$253,000
Interior Architecture	\$95,500	
Total	\$290,000	\$253,000
Priority A	\$194,500	\$253,000
Priority B	\$95,500	
Total	\$290,000	\$253,000

Total	\$127,500	\$15,400	\$19,000	\$14,500
Priority C	\$38,600	\$900		
Priority B	\$49,000	\$14,500	\$19,000	\$14,500
Priority A	\$39,900			
Total	\$127,500	\$15,400	\$19,000	\$14,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$37,600	\$7,300	\$12,100	\$7,500
Electrical	\$3,700	\$3,300	\$3,000	\$3,000
Interior Architecture	\$42,300	\$900		
Exterior Architecture	\$39,900			
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



Maintenance \$ are aggregated over a 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	lepair	Future Replacement		M	Maintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior								
Exterior Walls								
Alum/Vinyl Siding	5%			2053	* *	10	\$1,200	Α
Metal/Glass Curt Wall	10%			LIFE	* *	5	\$29,900	Α
Metal Sect. OHD	10%			2043	* *	5	\$24,900	A
Pre-Cast Concrete	75%			LIFE	* *	5	\$389,000	A
Windows								
Aluminum	100%			2048	* *	5	\$10,700	A
Parapets								
Concrete Masonry Unit	45%			LIFE	* *	5-10	\$10,500	A
Masonry: Limestone	10%			LIFE	* *	5-10	\$5,200	A
Pre-Cast Concrete	45%			LIFE	* *	5	\$24,000	A
Roof								
Modified Bitumen	90%			2033	* *	10	\$58,500	A
Skylight, Metal/Glass	10%			2053	* *	10	\$21,700	A
terior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$29,800	C
Ceramic Tile	20%			2038	* *	5	\$13,600	C
Traffic Topping	60%			2033	* *	5	\$51,100	C
Vinyl Tile	10%			2033	* *	3	\$2,600	C
Interior Walls								
Cast in Place Concrete	20%			LIFE	* *	10	\$13,900	C
Ceramic Tile	10%			2038	* *	5	\$2,800	C
Concrete Masonry Unit	15%			LIFE	* *	5	\$3,300	C
Glazed Ceramic Panel	5%			LIFE	* *	10	\$1,200	C
SGFT/Glazed Masonry	50%			LIFE	* *	10	\$6,900	C
Ceilings							· · ·	
AcousTileSusp.Lay-In	25%			2043	* *	5	\$17,000	В
Exposed Concrete	5%			LIFE	* *	5-10	\$4,300	В
Exposed Struc: Steel	70%			LIFE	* *	10	\$95,500	В

Electrical	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 Code		
Under 600 Volts							
Service Equipment							
Air Circuit Breaker	70%	2053 **	5	\$200	В		
	Other Observation, Extent : Moderate, Location : Electrical Room	Area Affected : 100%					
	Explanation: One 2500 Amps & 2000	O Amps Main Disconnect Sw	vitch				
Fused Disc Sw	30%	2053 **	5	\$100	В		
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location : Outside						
	Explanation: One 3000 Amps Main I	Disconnect Switch					

Maintenance \$ are aggregated over a ten-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

Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Transformers						_		_
Dry Type	50%			2043	* *	5	\$100	В
			Extent : Moderate, A	Area Affe	ected : 100%			
		: Electrica		(1201				
		tion : One :	500 Kva 480hv-208				4.00	
Liquid Filled	50%			2043	* *	5	\$200	В
			Extent : Moderate, A	Area Affe	ected : 100%			
		: Outside						
	Explana	tion : No R	atings Available					
Switchgear / Switchboard	50 0/			2052	* *	~	¢100	D
Fused Disc Sw	50%			2053	* *	5	\$100	В
Molded Case Bkrs	50%			2053	**	5	\$700	В
Raceway	1,000/			2052	* *	1		D
Conduit	100%			2053	* *	1		В
Panelboards	200/			2040	* *	_	\$200	D
Fused Disc Sw	20%			2048	* *	5	\$200	В
Molded Case Bkrs	80%			2048	* *	5	\$1,100	<u>B</u>
Wiring	1000/			2052	* *	1		D
Thermoplastic	100%			2053	-11-	1		В
Motor Controllers	200/			2042	* *	_	¢100	D
Locally Mounted Motor Control Center	20% 80%			2043 2043	* *	5 5	\$100	B B
	80%			2043		3	\$1,100	
Grounding Davises								
Grounding Devices Generic	100%			LIFE	* *	5	\$1,500	В
Stand-by Power	100%			LIFE			\$1,500	
Transfer Switches								
Automatic	100%			2043	* *	1	\$15,700	В
Lighting	10070			2043		1	Ψ13,700	
Interior Lighting								
Fluorescent	50%			2033	* *	10	\$20,900	В
raorescent		ervation. F	Extent : Moderate, A		ected : 100%	10	Ψ20,>00	D
		: Through						
		tion : T-8 L						
Fluorescent	10%		··· · · · · · · · · · · · · · · · · ·	2033	* *	10	\$4,200	В
Tuorescent		ervation F	Extent : Moderate, A		ected · 100%	10	Ψ+,200	Ъ
		: Through		17 001 11950	. 10070			
		tion : T-5 L						
HID	40%		kiii ps	2033	* *	10	\$600	В
Egress Lighting	40%			2033		10	φυυυ	
Emergency, Service	30%			2033	* *	1		В
Emergency, Battery	20%			2033	* *	10	\$2,200	В
Exit, LED	40%			2033	* *	10	\$2,200	В
Exit, LED Exit, Service	10%			2003	* *	1		В
Exterior Lighting	10%			2033		1		
Exterior Lighting HID	100%			2033	* *	10	\$200	В
תוח	100%			2033	-1- de	10	\$200	D

Alarm

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

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

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

Asset #: 14558

Electrical	Cur	rent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm							
Security System							
No Component	70%						D
Generic	30%		2033	* *	1	\$5,700	В
Fire/Smoke Detection							
No Component	70%						D
Generic	30%		2033	* *	1-3	\$9,400	В

Mechanical	Current Repair	Future Repla	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		В
Conversion Equipment						
Furnace	75%	2031	**	1	\$16,900	В
	Other Observation, Extent: Light, Location: Roof	Area Affected: 100%	Ó			
	Explanation: 8 Heating And Ver	ntilation Units Coveri	ng The Gar	age Area	ı	
Hot Water Boiler	10%	2040	* *	1	\$2,300	В
	Other Observation, Extent : Light, Location : Mechanical Room	Area Affected : 100%	ó			
	Explanation: 5 Units Covering	The Offices Area				
Radiant Heater	15%	2031	* *	2	\$3,200	В
Distribution						
Ductwork/Diffusers	75%	LIFE	* *	2-5	\$30,200	В
Hot Wtr Piping/Pump	10%	2045	* *	4	\$200	В
No Component	15%					D
Terminal Devices						
Fan Coil Unit/Heat	25%	2031	* *	1	\$3,700	В
No Component	75%					D
Air Conditioning						
Energy Source						
Electricity	90%	2045	* *	1		В
Natural Gas	10%	2049	* *	1		В
Conversion Equipment						
Absorption Chiller/Direct Fire	10%	2031	* *	1	\$4,900	В
	Other Observation, Extent: Light,	Area Affected: 100%	ó			
	Location: Roof					
	Explanation: 9 Units, Using Am	monia And Water As A	A Refrigera	ınt		
No Component	90%					D
Distribution						
Chilled Wtr Pipe/Pump	10%	2049	* *	4	\$200	В
No Component	90%					D

Maintenance \$ are aggregated over a 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	Repair	Future Replacement Mainter		aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning							
Terminal Devices							
Fan Coil - Cool/Heat	10%		2031	* *	1	\$1,500	В
No Component	90%						D
Heat Rejection							
Air Condenser Unit	10%		2031	* *	2	\$3,200	В
No Component	90%						D
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$40,200	В
Exhaust Fans							
Roof	100%		2031	* *	2	\$1,400	В
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2049	* *	1		В
Water Heater							
Gas Fired	100%		2022	\$11,800	2	\$700	В
	Other Observation, E.	-	Affected	: 100%			
	Location: Mechani						
	Explanation : 2 Tan	ks Of 400 Gallons	Each An	d One Tank Of 80	Gallons		
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Sump Pump(s)							
Submersible	100%		2018	\$6,100	4	\$2,000	В
Backflow Preventer							
Generic	100%		2031	* *	1	\$2,800	В
Fixtures							
Generic	100%						В
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			C
	Other Observation, E	xtent : Light, Area	Affected	: 100%			
	Location: L-2						
	Explanation : One U	Init					
Fire Suppression							
Standpipe							
Generic	100%		2049	* *	1-5	\$23,000	В
Sprinkler							
Generic	100%		2049	* *	1-2	\$12,800	В

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : QUEENS NORTH BORO REPAIR SHOP

Address : 52-07 58TH STREET

Borough : QUEENS Agency's Number : N/A

Date of Survey : 17-Jun-2011 Landmark Status : NONE

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

Block : 2347 Lot : 55 BIN : 4054170

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture		\$167,500
Interior Architecture	\$92,800	\$383,600
Electrical		\$777,300
Mechanical		\$1,525,400
Total	\$92,800	\$2,853,800
Priority A		\$167,500
Priority B		\$2,302,700
Priority C	\$92,800	\$383,600
Total	\$92,800	\$2,853,800

Total	\$35,900	\$67,600	\$56,200	\$101,600
Priority C		\$9,200	\$5,200	
Priority B	\$35,900	\$30,500	\$45,300	\$69,900
Priority A		\$27,900	\$5,700	\$31,700
Total	\$35,900	\$67,600	\$56,200	\$101,600
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Mechanical	\$23,600	\$16,200	\$32,100	\$39,400
Electrical	\$4,300	\$6,400	\$5,200	\$7,300
Interior Architecture		\$9,200	\$5,200	\$15,300
Exterior Architecture		\$27,900	\$5,700	\$31,700
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



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

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

DEPARTMENT OF SANITATION - 827 QUEENS NORTH BORO REPAIR SHOP

Asset #: 4430

rchitecture		Current R	lepair	Futur	e Replacement	Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
xterior	•							•
Exterior Walls								
Fiberglass Panel	5%			2031	* *	5	\$11,400	Α
Masonry: Brick	78%			LIFE	* *	5	\$47,600	A
Metal Panel	5%			2042	* *	5-10	\$21,000	A
Metal Coiling Doors	10%			2035	* *	5	\$19,100	A
Pre-Cast Concrete	2%			LIFE	* *	5	\$4,000	A
Windows	270						Ψ 1,000	
Aluminum	85%			2038	* *	5	\$4,400	A
Glass Block	10%			LIFE	* *	5	\$300	A
Metal Louvers	5%			2031	* *	10	\$1,600	A
-	3%			2031		10	\$1,000	A
Parapets Congrete Mesonery Unit	43%			LIFE	* *	5	\$4,000	٨
Concrete Masonry Unit		nain Enidan	t, Extent : Light, A			3	\$4,000	A
		pair Eviaen 1 : Interior 1	_	rea Ajje	ciea : 25%			
		i : interior i	race					
Masonry: Brick	45%			LIFE	* *	5	\$3,700	A
Metal Panel	2%			2042	* *	5	\$600	Α
Metal Rail	10%			2035	* *	5-10	\$14,700	Α
Roof								
Metal Panel	5%			2035	* *	10	\$9,400	Α
Modified Bitumen	25%			2027	* *	10	\$25,700	A
Traffic Topping	70%			2030	* *	10	\$119,900	A
11 0	Recent Re	place Evide	nt, Extent : Light,	Area Aff	ected : 100%			
	Location	ı : Parking 1	Area Above Repair	Shop				
terior								
Floors								
Carpet	15%			2021	\$106,200	3	\$27,600	C
Cast in Place Concrete	55%			LIFE	* *	5	\$147,700	C
Cast in Place Concrete	10%	Now	\$54,800	LIFE	* *	5	\$26,800	C
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 25%			
	_	_	Dock Near Tire Sh	-	•			
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 25%			
			Dock Near Tire Sh					
Ceramic Tile	2%			2031	* *	5	\$2,500	С
Panel/Paver: Cer/Brk	2% 3%			2031	* *		\$2,300	C
				2038		5		C
Vinyl Tile	15%			2022	\$171,300	3	\$6,900	
Interior Walls	20/			2021	* *	F	\$2.400	
Ceramic Tile	2%			2031		5	\$3,400	C
Concrete Masonry Unit		N	#20.100	LIFE	* *	5	\$36,400	C
Concrete Masonry Unit		Now	\$38,100	LIFE	* *	5	\$1,400	C
		_	ents, Extent : Seve		Affected: 50%			
			At Tire Shop Entrar					
		-	amage, Extent : Se		ea Affected : 50%			
	Location	ı : Section A	At Tire Shop Entrar	ісе				
Classi Cinala Dona	5%			LIFE	* *	5	\$6,400	С
Glass: Single Pane	270							
Gypsum Board	13%			LIFE	* *	5	\$13,400	C
				LIFE LIFE	* *	5 5	\$13,400 \$7,700	C 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.

DEPARTMENT OF SANITATION - 827 QUEENS NORTH BORO REPAIR SHOP

Asset #: 4430

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 Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%			2027	* *	5	\$30,700	В
Exposed Concrete	10%			LIFE	* *	5	\$1,900	В
Exposed Struc: Steel	60%			LIFE	* *			В
Gypsum Board	5%			LIFE	* *	5	\$7,700	В

Electrical	Current Repair	Future Re	placement	M	aintenance			
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2032	**	5	\$700	В		
	Other Observation, Extent : Mod	erate, Area Affected	: 100%					
	Location: Electrical Room							
	Explanation : 2 Main Service S	witches Rated @ 200	00 Amperes Ed	ach				
Transformers	1000/	2027	* *	_	\$600	D		
Dry Type	100% Other Observation, Extent: Mod	2027		5	\$600	В		
	Location : Electrical Room And		: 100%					
	Explanation: 112.5 Kva,480/2	O	้างส					
Switchgear / Switchboard	Explanation : 112.5 Kva ,400/2	00/120V 11111 2-30 K	.vu					
Fused Disc Sw	100%	2032	* *	5	\$700	В		
Raceway	10070	2032			Ψ700	ь		
Conduit	100%	2032	* *	1		В		
Panelboards								
Fused Disc Sw	10%	2030	* *	5	\$400	В		
Molded Case Bkrs	90%	2030	* *	5	\$3,700	В		
Wiring					·			
Thermoplastic	100%	2032	* *	1		В		
Motor Controllers								
Locally Mounted	10%	2027	* *	5	\$100	В		
Motor Control Center	90%	2027	* *	5	\$3,800	В		
Ground								
Grounding Devices								
Not Accessible	100%					D		
	-	Other Observation, Extent : Light, Area Affected : 0%						
	Location: Water Meter Room							
	Explanation : Connected To Me With Insulation	etal Water Pipe - Po	int Of Contact	Not Visi	ble - Covered			
Lighting								
Interior Lighting	600/	2020		10	фо л 3 00	ъ		
Fluorescent	60%	2030	**	10	\$85,200	В		
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location: Offices And Locker I	Room						
	Explanation: T-8 Lamps							
HID	40%	2030	* *	10	\$2,000	В		

Maintenance \$ are aggregated over a 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	Future F	Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting						
Egress Lighting						
Emergency, Battery	50%	2030	* *	10	\$18,700	В
Exit, Service	50%	2030	* *	1		В
Exterior Lighting						
HID	100%	2022	\$9,300	10	\$500	В
Alarm						
Security System						
No Component	70%					D
Generic	30%	2022	\$156,500	1	\$17,400	В
	Other Observation, Extent : M	loderate, Area Affecte	ed : 100%			
	Location : Exterior And Hal	lways				
	Explanation: Cctv Camera	And Intrusion Alarm				
Fire/Smoke Detection						
No Component	70%					D
Generic	30%	2022	\$535,600	1-3	\$28,700	В
	Other Observation, Extent : M	loderate, Area Affecte	ed : 100%			
	Location: Hallways					
	Explanation : Smoke Detecto	ors, Strobe Lights, Be	lls And Manual	Pull Stat	ions	

Mechanical	Current Repair	Future	Replacement	Maintenance			
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating							
Energy Source							
Natural Gas	100%	2042	* *	1		В	
Conversion Equipment							
Furnace	85%	2022	\$179,000	1	\$65,300	В	
	Other Observation, Extent: Light,	Area Affected:	85%				
	Location: Throughout						
	Explanation: 5 Roof Top Packag	ge Units, 12 Ind	luct Units, 20 Ceil	ing Mou	nt Units		
Hot Water Boiler	15%	2027	* *	1	\$11,500	В	
	Other Observation, Extent : Light,	Area Affected :	15%				
	Location: Boiler Room						
	Explanation: 1 Unit						
Distribution							
Hot Wtr Piping/Pump	15%	2038	* *	4	\$1,700	В	
No Component	85%					D	
Terminal Devices							
Convector/Radiator	15%	2027	* *	1	\$7,500	В	
Fan Coil Unit/Heat	30%	2022	\$774,300	1	\$15,000	В	
No Component	55%					D	
Air Conditioning							
Energy Source							
Electricity	100%	2038	* *	1		В	

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

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

DEPARTMENT OF SANITATION - 827 QUEENS NORTH BORO REPAIR SHOP

Asset #: 4430

Mechanical	Current Repair	Future R	eplacement	Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	30%	2022	\$341,000	2	\$2,900	В
Treating cooming	R-22 Refrigerant, Extent: Light, A Location: Roof					
	Other Observation, Extent: Light, Location: Roof Explanation: 5 Roof Top Packa		0%			
No Component	70%					D
Ventilation Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$86,400	В
Exhaust Fans	000/	2022	Φ1 52 5 00	2	Φ2.000	D
Interior Roof	80% 20%	2022 2022	\$152,500 \$27,400	2 2	\$3,800 \$1,000	B B
Plumbing	20%	2022	\$27,400		\$1,000	Б
H/C Water Piping						
Brass/Copper	70%	2032	* *	1		В
Galv Iron/Steel	30%	2035	* *	1		В
Water Heater						
Gas Fired	100%	2021	\$40,100	2	\$2,300	В
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping	1000/	LIEE	* *			ъ
Cast Iron	100%	LIFE	* *	1		В
Fixtures Generic	100%					В
Vertical Transport	100%					ь
Elevators						
Geared Traction	50%	LIFE	* *			С
	Other Observation, Extent : Light, Location : B, M, 1	Area Affected : 5	0%			
	Explanation: 1 Unit					
Hydraulic	50% Other Observation, Extent: Light, Location: B, M, 1, 2	LIFE Area Affected : 5	* * 0%			С
	Explanation: 1 Unit					
Fire Suppression						
Standpipe						
Generic	100%	2032	* *	1-5	\$81,100	В
Sprinkler						
Generic	100%	2032	* *	1-2	\$43,500	В

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

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 100,000 Project Type : SANITATION

Date of Survey : 16-Mar-2009 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2600 Lot : 1 BIN : 4307983

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$452,700	\$65,900
Interior Architecture		\$175,300
Mechanical		\$69,800
Total	\$452,700	\$311,000
Priority A	\$452,700	\$65,900
Priority B		\$69,800
Priority C		\$175,300
Total	\$452,700	\$311,000

Total	\$68,900	\$45,800	\$22,500	\$5,000
Priority C			\$1,400	
Priority B	\$58,500	\$45,800	\$12,800	\$5,000
Priority A	\$10,400		\$8,400	
Total	\$68,900	\$45,800	\$22,500	\$5,000
Mechanical	\$37,000	\$5,000	\$11,700	\$5,000
Electrical		\$40,800	\$1,100	
Interior Architecture	\$21,500		\$1,400	
Exterior Architecture	\$10,400		\$8,400	
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



Maintenance \$ are aggregated over a ten-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

rchitecture		Current Repair Future Replacement				M		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
terior	•							•
Exterior Walls								
Concrete Masonry Unit	Cracking/ Location	Crumbling n : Through			-	5	\$65,900	A
			t : Moderate, Area I	Ајјестеа	. 30%			
		n : Through		4 - 4	ACC			
		ı snt Fattur ı : East Fac	re, Extent : Modera cade	te, Area	Ађества : 10%			
		d/Bulging, n : East Fac	Extent : Moderate, cade	Area Afj	fected : 10%			
			Extent : Severe, Area	a Affecte	d: 10%			
		n : Stair Bu	lkhead					
Metal Sect. OHD	15%			2033	* *	5	\$60,200	A
Window Wall	3%		\$10,400	2040	* *	5	\$7,200	Α
	_	roken/Crac n : East Fac	cked, Extent : Mode cade	rate, Are	ea Affected : 5%			
Windows								
Aluminum	97%			2036	* *	5	\$16,700	Α
Metal Louvers	3%			2029	* *	10	\$3,200	A
Parapets Concrete Masonry Unit			\$40,100 t : Moderate, Area A	LIFE Affected	* *	5	\$7,700	A
		ı: Through		00				
		n Jnt Failur 1 : Through	re, Extent : Modera out	te, Area	Affected : 10%			
		d/Bulging, 1 : Through	Extent : Light, Ared	a Affecte	d : 20%			
		Cracks, Exte n : Corners	ent : Light, Area Aff	fected : 2	20%			
Roof								
Built-Up (BUR)	100% Miss/Dan		\$55,200 nings, Extent : Mod	2025	* * rea Affected : 10%			A
			Mechanical Units	craic, 111	ca nyjecica . 1070			
			Extent : Moderate, A	rea Affe	cted · 5%			
			Rooms, Bulkheads	rea rijje	cica : 570			
erior								
Floors								
Cast in Place Concrete	73%			LIFE	* *	5	\$175,300	C
Ceramic Tile	15%			2033	* *	5	\$16,500	C
Terrazzo	2%			LIFE	* *	5	\$1,700	C
Vinyl Tile	10%			2025	* *	3	\$4,100	С
Interior Walls								
Concrete Masonry Unit	90%			LIFE	* *	5	\$16,100	C
SGFT/Glazed Masonry	10%			LIFE	* *			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 #: 13422

Architecture	Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior							
Ceilings							
AcousTileSusp.Lay-In	15% Now	\$21,500	2033	* *	5	\$8,200	В
	Misaligned/Bulging, Ext	ent : Moderate,	Area Aff	ected : 30%			
	Location: Corridors						
	Staining/Discoloring, Ex	tent : Moderate	, Area Aj	fected : 5%			
	Location : Locker Room	ms					
	Water Penetration, Exter	nt : Moderate, A	rea Affe	cted : 5%			
	Location: Locker Room	ms					
Exposed Struc: Steel	83%		LIFE	* *			В
Gypsum Board	2%		LIFE	* *	5	\$2,700	В
	Water Penetration, Exter	nt : Severe, Area	ı Affected	1:5%			
	Location : Bulkheads						

Electrical	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 Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2040	* *	5	\$400	В
	Other Observation, Extent : Moderate	, Area Affec	ted : 100%			
	Location : Electrical Room					
	Explanation: 1200 Amps					
Switchgear / Switchboard	4000	• 0.40		_	*	_
Fused Disc Sw	100%	2040	* *	5	\$400	В
Raceway						_
Conduit	100%	2040	* *	1		В
Panelboards						
Molded Case Bkrs	100%	2036	* *	5	\$2,200	В
Wiring						
Thermoplastic	100%	2040	* *	1		В
Motor Controllers						
Locally Mounted	50%	2033	* *	5	\$300	В
Motor Control Center	50%	2033	* *	5	\$1,100	В
Ground						
Grounding Devices						
Not Accessible	100%					D
	Other Observation, Extent : Light, Are	ea Affected :	0%			
	Location:					
	Explanation: Covered With Insulation	on				
Lighting						
Interior Lighting						_
Fluorescent	45%	2025	* *	10	\$30,300	В
	Other Observation, Extent : Moderate	, Area Affec	ted : 100%			
	Location : Throughout					
	Explanation: T-12 Lamps					
HID	55%	2025	* *	10	\$1,300	В

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

Maintenance \$ are aggregated over a ten-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	Curren	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 Code
Lighting							
Egress Lighting							
Emergency, Battery	50%		2025	* *	10	\$8,900	В
Exit, Service	50%		2025	* *	1		В

Mechanical	Current Repair		Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Da Total (Year	nte Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							•
Energy Source Interruptible Gas/Dual Fuel	100%		2040	* *	1		В
Conversion Equipment							
Furnace	Location: Roof	ent, Extent : Moderate	·	-	1	\$22,900	В
	Location : Roof Available	tent : Moderate, Area - According To Buildi 1, Extent : Light, Area Units	ng Maint	tenance, Replacem	ent Parts	Are No Longer	
Hot Water Boiler	30% Other Observation	n, Extent : Light, Area	2033 Affected	**	1	\$10,900	В
	Location : Boile						
D: 4 11 41	Explanation: 2	Units					
Distribution Hot Wtr Piping/Pump	30%		2036	* *	4	¢1 100	В
No Component	30% 70%		2030		4	\$1,100	D D
Terminal Devices	7070						D
Convector/Radiator	25%		2033	* *	1	\$5,900	В
Fan Coil Unit/Heat	5%		2025	* *	1	\$1,200	В
No Component	70%		2025		•	Ψ1,200	D
Air Conditioning	, , , ,						
Energy Source							
Electricity	100%		2036	* *	1		В
Conversion Equipment							
Ext Pkg Unit -	20%		2025	* *	2	\$900	В
Heating/Cooling							
No Component	80%						D
Ventilation							
Distribution		*					_
Ductwork/Diffusers	100% Now Damaged, Extent Location: Gara	: Moderate, Area Affe	LIFE ected : 5%	**	2-5	\$40,900	В

Maintenance \$ are aggregated over a 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 Code
Ventilation							
Exhaust Fans							
Roof	100% Now	\$6,500	2025	* *	2	\$1,800	В
	Not in Service, Exter	nt : Moderate, Area	Affected	: 15%			
	Location: Roof						
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%		2033	* *	1		В
Water Heater							
Gas Fired	100%		2018	\$19,000	2	\$1,100	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Backflow Preventer							
Generic	100%		2028	* *	1	\$4,500	В
Fixtures							
Generic	100%						В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 30-Jul-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 6943 Lot : 2 BIN : 3170083

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,983,700	\$187,300
Interior Architecture	\$1,083,000	\$105,700
Electrical	\$51,900	\$265,700
Mechanical	\$151,000	
Total	\$3,269,500	\$558,800
Priority A	\$1,983,700	\$187,300
Priority B	\$760,800	\$265,700
Priority C	\$525,000	\$105,700
Total	\$3,269,500	\$558,800

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture				
Interior Architecture	\$30,500			\$700
Electrical	\$1,400	\$600	\$40,700	
Mechanical	\$28,100	\$1,800	\$700	\$2,600
Total	\$60,100	\$2,400	\$41,400	\$3,300
Priority A				
Priority B	\$29,600	\$2,400	\$41,400	\$2,600
Priority C	\$30,500			\$700
Total	\$60,100	\$2,400	\$41,400	\$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.

DEPARTMENT OF SANITATION - 827 S.W.BROOKLYN MARINE TRANSFER STA

Asset #: 2018

chitecture	Current Repair	Future Replacement	M	aintenance	
stem Component Type	% of Fail Date Estimated Co. Total (Years)	st Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priorit Co
terior					
Exterior Walls Concrete Masonry Unit	25% Now \$181,800 Cracking/Crumbling, Extent: Light, Location: Throughout		5	\$16,800	A
Metal Panel	75% Now \$186,500 Deformed/Dented, Extent : Moderate Location : Throughout		5	\$150,700	A
Windows					
Aluminum	100% Now \$1,512,100 Broken/Missing Elements, Extent: Se Location: Throughout		5	\$16,100	A
Roof	750/ 1	0 2024 **			
Metal Panel	75% Now \$66,700 Corrosion/Rusting, Extent : Moderate Location : Throughout	0 2034			A
Roll Roofing	25% 0-2 \$36,600 Gut/DS Non Func/Miss, Extent : Mod Location : Throughout Vegetation Growth, Extent : Light, An Location : Throughout	lerate, Area Affected : 30%	5	\$7,000	A
erior					
Floors Cast in Place Concrete	85% Now \$143,800 Cracking/Crumbling, Extent: Light, Location: Throughout		5	\$105,700	C
Ceramic Tile	5% Now \$61,500 Cracking/Crumbling, Extent: Severe Location: Throughout		5	\$1,400	С
Vinyl Tile	10% Now \$52,900 Broken/Missing Elements, Extent : See Location : Throughout		3	\$2,100	С
Interior Walls Ceramic Tile	3% Now \$12,500 Cracking/Crumbling, Extent : Severe Location : Throughout		5	\$200	С
Concrete Masonry Unit	65% Now \$104,100 Cracking/Crumbling, Extent : Moder Location : Throughout		5	\$3,800	С
Gypsum Board	7% Now \$18,000 Cracking/Crumbling, Extent : Severe Location : Throughout		5	\$600	С
SGFT/Glazed Masonry	25% Now \$162,700 Cracking/Crumbling, Extent: Severe Location: Throughout				С

Maintenance \$ are aggregated over a 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

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 Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	Now	\$37,100	2041	* *	5	\$2,800	В
	Cracking/	Crumbling,	Extent : Severe, A	rea Affec	rted : 100%			
	Location	: Through	out					
Exposed Concrete	25%	Now	\$107,000	LIFE	* *	5	\$2,200	В
	Cracking/	Crumbling,	Extent: Moderate	, Area Aj	ffected : 30%			
	Location	i : Through	out					
Exposed Struc: Steel	60%	4+	\$378,800	LIFE	* *			В
-	Corrosion	/Rusting, E	xtent : Moderate, A	Area Affe	cted : 40%			
	Location	: Through	out					
Gypsum Board	5%	Now	\$35,100	LIFE	* *	5	\$3,600	В
	Cracking/	Crumbling,	Extent : Severe, A	rea Affec	rted : 100%			
	Location	: Through	out					

Electrical		Current Repair	Futu	ıre Replacement	M	aintenance	
System Component Type	% of 1 Total	Fail Date Estimated (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2021	\$28,000	5	\$200	В
	Other Obse	rvation, Extent : Mode	erate, Area Af	fected : 100%			
	Location .	: Electrical Room					
	Explanati	on: Two 800 Amps M	ain Disconne	ct Switch			
Switchgear / Switchboard							
Fused Disc Sw	100%		2021	\$101,800	5	\$200	В
Raceway							
Conduit	100%		2021	\$32,400	1		В
Panelboards							
Molded Case Bkrs	100%		2020	\$71,600	5	\$1,100	В
Wiring							
Thermoplastic	100%		2021	\$29,200	1		В
Motor Controllers							
Locally Mounted	20%		2019	\$2,000	5	\$100	В
Motor Control Center	80%		2019	\$92,300	5	\$900	В
Ground							
Grounding Devices							
Generic	100%	2-4 \$	900 LIFE	**	5	\$600	В
	Other Obse	rvation, Extent : Mode	erate, Area Af	fected : 100%			
	Location .	Water Main					
	Explanati	on : Corroded					

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.

DEPARTMENT OF SANITATION - 827 S.W.BROOKLYN MARINE TRANSFER STA

Asset #: 2018

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 Code
Lighting						
Interior Lighting						
Fluorescent	5%	2016	\$2,800	10	\$1,700	В
	Other Observation, Extent : Mod	erate, Area Affe	cted : 100%			
	Location: Throughout					
	Explanation: Using T-12 Lamp	os.				
HID	70%	2016	\$51,900	10	\$900	В
Incandescent	25%	2016	\$14,200	2	\$200	В
Egress Lighting						
Emergency, Battery	50%	2016	\$7,700	10	\$4,600	В
No Component	50%					D
Exterior Lighting					•	•
HID	100%	2016	\$8,400	10	\$100	В

Mechanical	Current Rep	oair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Electricity	100%		2031	* *	1		В
	Other Observation, Exte		ffected	: 100%			
	Location : Entire Build	ding					
	Explanation : This Is	/acant Building					
Conversion Equipment							
Heat Pump	40%		2019	\$15,400	2	\$4,700	В
	Other Observation, Exte	ent : Light, Area Aj	ffected	: 60%			
	Location: 1st Level						
	Explanation: 6 Units						
No Component	60%						D
Air Conditioning							
Energy Source							
Electricity	100%		2029	* *	1		В
Conversion Equipment							
Heat Pump	40%		2019	\$600	2	\$900	В
No Component	60%						D
Plumbing							
H/C Water Piping							
Brass/Copper	15% Now	\$19,000	2051	* *	1		В
	Corroded, Extent: Seve	re, Area Affected :	15%				
	Location : 1st Level O	ffice Area					
No Component	85%						D
Sanitary Piping							
Cast Iron	100% Now	\$9,200	LIFE	* *	1		В
	Corroded, Extent: Seve	re, Area Affected :	30%				
	Location: Throughou	ţ					

Maintenance \$ are aggregated over a 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 Repa	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Fixtures						
Generic	100%					В
	Obsolete Fixtures, Extent	: Severe, Area Affected	! : 100%			
	Location: Throughout					
Fire Suppression						
Standpipe						
Generic	100% Now	\$151,000 2051	* *	1-5	\$13,500	В
	Corroded, Extent: Severe	e, Area Affected : 100%				
	Location: Throughout					

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : SANITATION DIST. 3/3A GARAGE

Address : PIERS 36, EAST RIVER BET CLINTON & MONTGOMERY STS.

Borough : MANHATTAN Agency's Number : N/A

Date of Survey : 21-Jun-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 241 Lot : 13 BIN : 1078939

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$573,800	\$1,964,200
Interior Architecture	\$415,800	\$332,800
Electrical		\$225,300
Mechanical	\$44,200	\$157,700
Total	\$1,033,800	\$2,680,000
Priority A	\$573,800	\$1,964,200
Priority B	\$85,900	\$383,000
Priority C	\$374,100	\$332,800
Total	\$1,033,800	\$2,680,000

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$45,900			\$23,100
Interior Architecture		\$36,500		
Electrical	\$38,800	\$7,900	\$10,600	\$10,000
Mechanical	\$34,900	\$16,200	\$80,500	\$16,200
Total	\$119,600	\$60,600	\$91,100	\$49,300
Priority A	\$45,900			\$23,100
Priority B	\$73,700	\$24,100	\$91,100	\$26,200
Priority C		\$36,500		
Total	\$119,600	\$60,600	\$91,100	\$49,300



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 SANITATION DIST. 3/3A GARAGE

Asset #: 2403

Architecture		Current R	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 Code
xterior	•							•
Exterior Walls								
Concrete Masonry Unit	45%			LIFE	* *	5	\$27,300	Α
Fiberglass Panel	20%			2030	* *	5	\$72,700	A
Metal Panel	20%			2041	* *	5-10	\$133,300	A
Metal Coiling Doors	15%			2034	* *	5	\$45,400	A
Windows Aluminum	100%			2037	* *	5	\$46,100	A
Parapets								
Metal Panel	95%			2041	* *	5	\$155,300	A
Metal Rail	5%			2034	* *	5-10	\$38,100	A
Roof Built-Up (BUR)		-	\$350,700 Extent : Moderate	2021 e, Area Ą	\$1,753,300 ffected : 25%			A
	Water Pene		nch Room xtent : Moderate, A oom, Second Floor					
Skylight, Plastic		Now etration, E. : Through	\$72,800 xtent : Light, Area out	2034 Affected	* *	1		A
nterior								
Floors								
Cast in Place Concrete	_	Now Crumbling, : Through	\$200,800 Extent : Moderate out	LIFE , Area A <u>f</u>	* * fected : 20%	5	\$295,300	С
Ceramic Tile	30%			2030	* *	5	\$57,800	С
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			C
Ceramic Tile	13%			2030	* *	5	\$15,200	C
Concrete Masonry Unit		Now Crumbling, : Through	\$173,400 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$37,500	С
Glass: Single Pane	2%			LIFE	* *	5	\$1,800	С
Ceilings								
AcousTileConcealSpLn	Broken/Mi	Now ssing Elem : Lunch Ro	\$41,600 ents, Extent : Mode	2034 erate, Ar	* * ea Affected : 5%	5	\$34,500	В
	Water Pene	etration, E	oom xtent : Light, Area oom, Second Floor					
Exposed Struc: Steel	70%			LIFE	* *			В

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

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.

DEPARTMENT OF SANITATION - 827 SANITATION DIST. 3/3A GARAGE

Asset #: 2403

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment Fused Disc Sw	100%	2031	* *	5	\$600	В
rused Disc 5w	Other Observation, Extent: Moderate		ed : 100%	3	φοσο	ь
	Location : Electrical Room	, 11.00.11,500.				
	Explanation: One 2000 Amps Main	Disconnect S	Switch			
Transformers						
Dry Type	100%	2026	* *	5	\$500	В
Switchgear / Switchboard						
Fused Disc Sw	100%	2031	* *	5	\$600	В
Raceway	1000/	2021	* *			
Conduit	100%	2031	* *	1		В
Panelboards Moldad Casa Plans	1000/	2020	* *	5	\$2.700	D
Molded Case Bkrs Wiring	100%	2029		5	\$3,700	В
Thermoplastic	100%	2031	* *	1		В
Motor Controllers	10070	2031		1		ь
Locally Mounted	10%	2026	* *	5	\$100	В
Motor Control Center	90%	2026	* *	5	\$3,500	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$2,100	В
Lighting						
Interior Lighting	6504	2020	* *	10	Φ 7 < 000	ъ
Fluorescent	65% Other Observation Extent Mederate	2029		10	\$76,800	В
	Other Observation, Extent : Moderate Location : Throughout	, Area Ajjeci	ea : 100%			
	Explanation: Using T-8 Lamps					
Fluorescent	5%	2029	* *	10	\$5,900	В
Fluorescent	Other Observation, Extent: Moderate			10	\$3,900	Ь
	Location: Stairway	, 111 ca 11,5 cci	cu . 10070			
	Explanation : Compact Fluorescent	Lamps				
HID	30%	2029	* *	10	\$1,300	В
1112	Other Observation, Extent : Moderate		ed : 100%	10	Ψ1,500	D
	Location : Garage					
	Explanation : High Pressure Sodiun	ı				
Egress Lighting						
Emergency, Battery	50%	2021	\$26,100	10	\$15,600	В
Exit, Service	50%	2021	\$10,400	1		В
Exterior Lighting	100-1		_			_
HID	100%	2029	* *	10	\$400	В
Alarm						
Security System	700/					D
No Component Generic	70% 30% Now \$28,500	2021	¢142.500	1	¢1.4.200	D B
Generic	30% Now \$28,500 Other Observation, Extent: Moderate		\$142,500	1	\$14,200	В
	Location: Entrance, Fuel Pump, Ali					
	Explanation: Eight Cameras - Thre					

Maintenance \$ are aggregated over a 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 DIST. 3/3A GARAGE

Asset #: 2403

Electrical	Current	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 Code
Alarm							
Fire/Smoke Detection							
No Component	20%						D
Generic	80%		2029	* *	1-3	\$71,800	В

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 Code
Heating				•				
Energy Source Natural Gas	100%			2031	* *	1		В
Conversion Equipment								_
Furnace	90%	0-2	\$3,200	2021	\$157,700	1	\$51,700	В
			nt : Severe, Area A uture Control Pane					
		•	uure Controt 1 une Extent : Light, Area					
		ervation, L : Through	· ·	Ајјестей	. 90/0			
		tion : 20 U						
No Component	10%							D
Air Conditioning	1070							
Energy Source								
Electricity	100%			2029	* *	1		В
Conversion Equipment								
Ext Pkg Unit - Cooling	15%	Now	\$19,900	2026	* *	2	\$1,000	В
	_		ent : Moderate, Are	a Affecte	ed : 15%			
		: Through	out Office Areas					
Window/Wall Unit	15%			2016	\$44,200	1		В
No Component	70%							D
Heat Rejection								_
Remote Air Cond	15%			2026	* *	2	\$13,500	В
No Component	85%							D
Ventilation								
Distribution Ductwork/Diffusers	1,000/			LIFE	* *	2.5	\$71,000	D
Exhaust Fans	100%			LIFE		2-5	\$71,900	В
Roof	100%			2026	* *	2	\$4,000	В
Plumbing	10070			2020			Ψ+,000	
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		В
Water Heater								
Gas Fired	100%			2016	\$33,400	2	\$1,900	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	-							
Cast Iron								
	100%			LIFE	* *	1		В
Backflow Preventer Generic	100%			2026	**	1	\$8,000	B B

Maintenance \$ are aggregated over a 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 DIST. 3/3A GARAGE

Mechanical	Curre	nt Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing							
Fixtures							
Generic	100%						В
Fire Suppression							
Standpipe							
Generic	100%		2031	* *	1-5	\$65,100	В
Sprinkler							
Generic	100%		2031	* *	1-2	\$36,200	В
Fire Pump							
Generic	100%		2024	* *	1	\$24,100	В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : SANITATION HDOR. 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 : 08-Apr-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,5,12,9,P

Block : 29 Lot : 73 BIN : 1000850

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,193,300	\$172,000
Interior Architecture	\$202,200	\$762,500
Electrical		\$326,200
Mechanical	\$422,700	
Total	\$1,818,200	\$1,260,700
Priority A	\$1,193,300	\$172,000
Priority B	\$521,300	\$860,200
Priority C	\$103,500	\$228,500
Total	\$1,818,200	\$1,260,700

Total	\$256,000	\$58,400	\$82,800	\$104,500
Priority C	\$131,000	\$500	\$2,000	\$23,500
Priority B	\$93,600	\$57,800	\$80,800	\$72,100
Priority A	\$31,400			\$8,900
Total	\$256,000	\$58,400	\$82,800	\$104,500
Elevators/Escalators	\$47,400	\$47,400	\$47,400	\$47,400
Mechanical	\$23,300	\$6,800	\$32,100	\$13,400
Electrical	\$16,500	\$1,600	\$1,300	\$11,300
Interior Architecture	\$137,500	\$2,600	\$2,000	\$23,500
Exterior Architecture	\$31,400			\$8,900
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



Maintenance \$ are aggregated over a 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	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
xterior				
Exterior Walls	7.504 N	TIEE **	σ. φος σοο	
Masonry: Brick	75% Now \$232,800	LIFE	5 \$35,500	A
	Jnt Mortar Miss/Erod, Extent : Modera Location : Throughout	ie, Area Affectea : 50%		
	Spalling, Extent : Moderate, Area Affect	eted : 20%		
	Location: West Facade	20,0		
Masonry: Limestone	10% Now \$11,600	LIFE **	5 \$3,500	A
,	Jnt Mortar Miss/Erod, Extent: Light, A		1-7	
	Location : Throughout			
Metal Panel	10%	2042 **	5-10 \$32,500	A
Granite Panels	5%	LIFE **	5 \$1,800	A
Windows	A		- h- 100	
Aluminum	35% Now \$137,100	2030 **	5 \$3,600	A
	Broken/Missing Elements, Extent : Moc Location : Throughout	lerate, Area Affected : 40%		
	Hardware Missing, Extent: Severe, Are	an Affantad · 200%		
	Location: Throughout	eu Ajjecieu . 2070		
Metal Clad	65% Now \$785,800	2047 **	5 \$42,300	A
Wetar Clad	Corrosion/Rusting, Extent: Moderate,		σ Ψ12,300	7.1
	Location: Throughout	33		
	Deteriorated Finish, Extent: Moderate	, Area Affected : 50%		
	Location: Throughout			
	Thermally Inefficient, Extent : Moderat	e, Area Affected : 50%		
	Location : Throughout			
Parapets	500/ Nam \$10,000		5 \$1,700	4
Masonry: Brick	50% Now \$10,900 <i>Int Mortar Miss/Erod, Extent : Modera</i>	LIFE	5 \$1,700	A
	Location: South Facade, West Facade			
	Spalling, Extent : Moderate, Area Affect			
	Location: West Facade, South Facad			
Masonry: Brick	45%	LIFE **	5 \$1,500	A
•	Other Observation, Extent : Light, Area	ı Affected : 100%	. ,	
	Location: Interior Face			
	Explanation: Stucco On Brick			
Masonry: Limestone	5% Now \$1,000	LIFE **	5 \$200	A
	Jnt Mortar Miss/Erod, Extent : Light, A	rea Affected : 10%		
	Location : Throughout			

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 Code
Exterior								
Roof IRMA/Protected Membrane	88%	Now	\$37,700	2022	\$94,300			A
Nemorale		issing Elen : Through	ents, Extent : Mode out	erate, Ar	ea Affected : 20%			
		Drains Inad/Misposn, Extent : Moderate, Area Affected : 40% Location : Main Roof						
	Location		xtent : Moderate, A r Near Lockers	Area Affe				
Modified Bitumen		Now issing Elen : Through	\$1,700 nents, Extent : Seve out	2022 re, Area	\$4,200 Affected : 40%			A
Modified Bitumen	5%			2022	\$4,200	10	\$600	A
Skylight, Metal/Glass	_	Now roken/Crac : Bulkhea	\$6,200 ked, Extent : Mode ds	2042 rate, Are	* * va Affected : 5%			A
Interior Floors								
Carpet		Now r/Impact D : Through	\$94,500 amage, Extent : Se out	2018 vere, Are	\$236,100 ea Affected : 40%	3	\$61,400	С
Cast in Place Concrete	_	Crumbling,	Extent : Light, Are	LIFE ea Affecte	* * ed : 10%	5	\$9,000	С
		etration, E : Through	xtent : Moderate, A out	Area Affe	cted : 10%			
Ceramic Tile	5%			2031	* *	5	\$4,100	С
Terrazzo		Now Crumbling, : Through	\$6,000 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$3,200	С
Vinyl Tile		Now Crumbling,	\$45,700 Extent : Moderate out	2022 , Area Aj	\$228,500 ffected : 20%	3	\$9,200	С
Vinyl Tile	5% Recent Re	place Evide	ent, Extent : Light, . Clinic On First Floo		* * ected : 100%	3	\$1,500	С

Maintenance \$ are aggregated over a ten-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 Code
nterior	•							•
Interior Walls								
Ceramic Tile	5%		\$23,300	2031	**	5	\$2,000	C
	_	Crumbling, 1 : Through	, Extent : Moderate out	, Area A <u>j</u>	Jectea : 20%			
Glass: Single Pane	2%		Out	LIFE	* *	5	\$1,200	C
Grass. Single Faile Gypsum Board	40%		\$57,900	LIFE	* *	5	\$1,200	C
Зурвані Воша			Extent : Moderate		fected : 20%	J	Ψ19,500	C
		ı : Through		-				
Gypsum Board	5%			LIFE	* *	5	\$2,400	С
		-	ent, Extent : Light, .		ected : 100%			
			Clinic On First Floo					
Metal Panel	3%			LIFE	* *			C
Marble Panels	5%	3.7	Φ7 200	LIFE	* *	-	ф1 2 00	C
Plaster	5%		\$7,300 Extent : Moderate	LIFE	* *	5	\$1,200	C
		rumonng, 1 : Roof Sta		, Агеи Ај	jeciea . 1070			
		-	 tent : Moderate, Ar	ea Affect	ed : 15%			
	_	n : Roof Sta		00				
Plaster	35%			LIFE	* *	5	\$8,500	С
Ceilings								
AcousTileConcealSpLn			\$98,600	2020	\$493,100	5	\$40,900	В
	_	Crumbling, 1 : Through	Extent : Moderate	, Area A <u>j</u>	fected: 20%			
		_	oui , Extent : Moderate	Area A	ffected · 30%			
	_	ı : Corridoi		, 11100111	jeerea : 2070			
AcousTileSusp.Lay-In	5%	Now	\$500	2027	* *	5	\$2,000	В
r	Cracking/	Crumbling,	Extent : Light, Are		ed : 5%		, ,	
	Location	ı : Through	out					
AcousTileSusp.Lay-In	5%			2035	* *	5	\$4,100	В
Gypsum Board	5%	Now	\$2,500	LIFE	* *	5	\$5,100	В
			Extent : Light, Are	ea Affecte	ed : 10%			
		n : Through						
Plaster	5%		\$3,400	LIFE	**	5	\$2,600	В
		Crumbung, 1 : Through	Extent : Light, Are	ча Ајјесте	ea : 10%			
		_	Extent : Light, Area	Affected	: 10%			
		ı : Through	· ·	JJ				

Electrical	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 Code

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 #: 4187

Electrical	Current Repair	Future R	eplacement	M	aintenance		
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2022	\$28,000	5	\$200	В	
	Other Observation, Extent : Mod	derate, Area Affecte	d : 100%				
	Location : Electrical Room						
	Explanation : 1- Electrical Ser	vice Rated @ 2500	Amps				
Switchgear / Switchboard				_		_	
Fused Disc Sw	100%	2022	\$101,800	5	\$200	В	
Raceway						_	
Conduit	90%	2022	\$69,400	1		В	
Conduit	10%	2042	* *	1		В	
Panelboards				_		_	
Fused Disc Sw	5%	2021	\$4,400	5	\$100	В	
Molded Case Bkrs	35%	2030	* *	5	\$500	В	
Molded Case Bkrs	50%	2021	\$44,100	5	\$700	В	
Molded Case Bkrs	10%	2038	* *	5	\$100	В	
Wiring							
Braided Cloth		5,600 2047	* *	1		В	
	Insulation Aged, Extent : Severe Location : Throughout	, Area Affected : 100	0%				
Thermoplastic	50%	2022	\$39,000	1		В	
Thermoplastic	30%	2042	* *	1		В	
Motor Controllers							
Locally Mounted	50%	2020	\$31,800	5	\$200	В	
Locally Mounted	50%	2027	* *	5	\$200	В	
round							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$800	В	
	Other Observation, Extent: Mod	derate, Area Affecte	d: 100%				
	Location: Basement						
	Explanation : Water Main						
ighting							
Interior Lighting							
Fluorescent	80%	2030	* *	10	\$40,100	В	
		Other Observation, Extent: Moderate, Area Affected: 100%					
	Location: Throughout The Bu	ilding					
	Explanation: T-8 Lamps						
Fluorescent	20%	2027	* *	10	\$10,000	В	
	Other Observation, Extent : Mod	derate, Area Affecte	d : 100%				
	Location: Throughout						
	Explanation: T-8 Lamps						
Egress Lighting							
Emergency, Battery	40%	2030	* *	10	\$5,300	В	
Exit, Service	60%	2030	* *	1		В	
Exterior Lighting							
HID	100%	2022	\$22,300	10	\$200	В	

Alarm

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

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

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

Asset #: 4187

Electrical	Curre	nt Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm							
Fire/Smoke Detection							
No Component	70%						D
Generic	30%		2030	* *	1-3	\$10,200	В

Mechanical		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 Code
Heating								
Energy Source Utility Steam	100%			2032	* *	1		В
Conversion Equipment Pres. Reducing Valve/LP Steam	100%			2025	* *	5	\$3,300	В
Distribution								
Steam Piping/Pump			\$42,500 oderate, Area Affec t, Throughout	2032 cted : 209	**	4	\$2,700	В
Terminal Devices Convector/Radiator No Component		ervation, E	xtent : Light, Area	2027 Affected	**	1	\$7,100	B D
				Indon A C	,			
Air Conditioning	Expiana	non : Air H	andlers Covered U	naer A C	•			
Air Conditioning Energy Source Electricity	100%			2030	* *	1		В
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$71,200	В
Terminal Devices Air Handler/Cool/Ht	_		\$258,600 Extent : Moderate, oor / Mechanical R		* * fected : 100%	1	\$30,500	В
Heat Rejection								
Air Condenser Unit	Location Other Obs Location	: All Units ervation, E : Mechani	\$121,600 nt : Moderate, Are - Mechanical Roo extent : Light, Area cal Rooms, Each F nits In Door, Air Co	m Affected loor	: 100%	2 Louvers F	\$30,500 R-22 Is Used	В
Ventilation								
Distribution Ductwork/Diffusers No Component			xtent : Light, Area		**: 0%	2-5	\$9,200	B D
			cal Room - Each F Air Provided Thro		Air Handlers			

Maintenance \$ are aggregated over a 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 Code
Ventilation								
Exhaust Fans								
Roof	20%			2022	\$9,700	2	\$300	В
No Component	80%							D
Plumbing H/C Water Piping								
Brass/Copper	10%			2032	* *	1		В
Galv Iron/Steel	90%			2027	* *	1		В
HW Heat Exchanger								
Low Temp	100%	0-2	\$18,900	2052	* *	4	\$5,400	В
			oderate, Area Affe	cted : 10	0%			
	Location	: Basemen	t					
Sanitary Piping								·
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)								
Rigid Piping	100%			2022	\$10,100	4	\$2,000	В
Sewage Ejector(s) Electric	100%			2022	\$10,100	4	\$2,000	В
Fixtures								
Generic	100%							В
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
	Other Obso Location		Extent : Light, Area	Affected	: 100%			
	Explanat	ion : 4 Uni	its					
Fire Suppression Standpipe								
Generic	100%			2032	* *	1-5	\$28,600	В
Sprinkler							. , ,	
No Component	90%							D
Generic	10%			2032	* *	1-2	\$1,500	В

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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

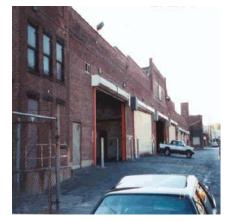
Date of Survey : 13-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 34 Lot : 1 BIN : 5106487

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$3,337,700	\$197,600
Interior Architecture	\$2,026,500	\$180,500
Electrical	\$42,200	\$54,900
Mechanical	\$734,900	\$398,400
Total	\$6,141,300	\$831,400
Priority A	\$3,337,700	\$197,600
Priority B	\$2,131,600	\$453,300
Priority C	\$672,000	\$180,500
Total	\$6,141,300	\$831,400

Total	\$156,600	\$15,300	\$16,000	\$135,300
Priority C	\$42,200			\$1,200
Priority B	\$93,500	\$15,300	\$16,000	\$134,100
Priority A	\$20,900			
Total	\$156,600	\$15,300	\$16,000	\$135,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$36,200	\$11,000	\$11,300	\$50,600
Electrical	\$21,700	\$400	\$800	\$79,600
Interior Architecture	\$73,800			\$1,200
Exterior Architecture	\$20,900			
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



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

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

rchitecture		Current Repair		Futur	Future Replacement		Maintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior								
Exterior Walls Masonry: Brick	Location	Crumbling, 1: Through				5	\$102,300	A
	Location Vertical C	ı : Through	ent : Moderate, Are					
	Worn/Ero	_	: Moderate, Area	Affected	: 40%			
Metal Coiling Doors			\$204,100 nents, Extent : Mode out	2027 erate, Ar	* * rea Affected : 30%	5	\$17,800	A
Windows								
Steel	-		\$870,700 nt : Moderate, Area out	2047 Affected	* * 1 : 50%	5	\$95,400	A
	Location	ı : Through						
	Deteriorated Finish, Extent : Moderate, Area Affected : 55% Location : Throughout							
	Glazing B	U	ked, Extent : Mode	rate, Are	ea Affected : 30%			
		ır/Impact D 1 : Near Bo	amage, Extent : Se iler Room	vere, Are	ea Affected : 10%			
Parapets Cast Stone/Terra Cotta	_		\$20,900 Extent : Moderate out	LIFE , Area A	* * ffected : 20%	5	\$4,700	A
Masonry: Brick	Location	r Miss/Eroo n : Through				5	\$5,400	A
	Location	n : Lower Ro	-					
		aea, Extent 1 : Lower Ro	: Moderate, Area 1 pof	<i>чу</i> јестеа	. 100%			

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 Code			
Exterior										
Roof	7.70/ NI	ф250 200	2022	* *						
Modified Bitumen	55% Now Debris Present, Extended Location: Through		2032 fected : .				A			
	Miss/Damaged Flashings, Extent: Severe, Area Affected: 35% Location: Throughout Particle France Moderate Area Affected: 15%									
	Ponding, Extent : Moderate, Area Affected : 15% Location : Throughout									
	Vegetation Growth, Extent : Severe, Area Affected : 5% Location : Lower Roof, North Facade									
	Water Penetration, Extent : Severe, Area Affected : 10%									
	Location : Throughout Worn/Eroded, Extent : Moderate, Area Affected : 100%									
	Worn/Eroded, Extent Location: Through		Affected	: 100%						
Dall Danfing	35% 2-4	\$141,400	2024	* *	5	\$27,000	A			
Roll Roofing	Blisters, Extent : Mod Location : Through	derate, Area Affecte			3	\$27,000	А			
	Worn/Eroded, Extent Location: Through		Affected	: 100%						
Skylight, Metal/Glass	10% 2-4 Corrosion/Rusting, E Location: Through		2032 Trea Affe	* * cted : 100%			A			
Interior										
Floors										
Cast in Place Concrete	85% Now Cracking/Crumbling Location: Through		LIFE , Area A	* * ffected : 30%	5	\$180,500	С			
Ceramic Tile	5% Now	\$21,000	2031	* *	5	\$2,400	С			
	Cracking/Crumbling Location : Through	Extent : Moderate	, Area Aj	ffected : 20%						
Vinyl Tile	10% Now Adhesion Failure, Ex Location: Through Cracking/Crumbling	out Extent : Moderate			3	\$3,600	С			
	Location: Through Worn/Eroded, Extend Location: Through	: Moderate, Area	Affected	: 100%						

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

Asset #: 2004

Architecture	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 Code	
Interior								
Interior Walls Concrete Masonry Unit	35% Now Broken/Missing Elec- Location : Wash B	ay Area			5	\$5,500	С	
	Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Throughout Efflorescence, Extent: Moderate, Area Affected: 20% Location: In Electrical Room Jnt Mortar Miss/Erod, Extent: Moderate, Area Affected: 80% Location: Throughout							
Masonry: Brick	35% Now Cracking/Crumbling Location : Near B		LIFE rea Affec	* * rted : 15%			С	
Masonry: Brick	20%		LIFE	* *			С	
Plaster	10% Now Cracking/Crumbling Location: Through		LIFE rea Affec	* * cted : 30%	5	\$1,200	С	
Ceilings								
AcousTileSusp.Lay-In	5% Now Staining/Discoloring Location: 1st Floo Worn/Eroded, Exten Location: 1st Floo	or at : Moderate, Area .		-	5	\$2,400	В	
Exposed Concrete	10% Now Cracking/Crumbling Location: Through		LIFE , Area Aj	** ffected : 30%	5	\$1,500	В	
Exposed Struc: Steel	50% 4+ Corrosion/Rusting, Location: Through	_	LIFE Affected	**: 20%			В	
Exposed Struc: Wood	35% Now Dry Rot/Decay, Exte		LIFE a Affected	* * 1 : 30%			В	

Electrical	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 Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2032	* *	5	\$300	В
	Other Observation, Extent: Moderate, A	Area Affecte	ed : 100%			
	Location : Electrical Room					
	Explanation: One 2000 Amps Main D	isconnect S	Switch			
Switchgear / Switchboard						
Fused Disc Sw	100%	2022	\$29,100	5	\$300	В

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

Asset #: 2004

Electrical	Current Repa	ir	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Est Total (Years)		ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Jnder 600 Volts								
Raceway								
Conduit	80%		022	\$28,800	1		В	
Conduit	20%	2	032	* *	1		В	
Panelboards								
Fused Disc Sw	10%		.021	\$2,800	5	\$200	В	
Molded Case Bkrs	70%		.021	\$19,300	5	\$1,300	В	
Molded Case Bkrs	20%	2	030	* *	5	\$400	В	
Wiring	20. 1	***	a. -				_	
Braided Cloth	50% 2-4		047	**	1		В	
	Insulation Aged, Extent: Location: Throughout			d : 100%				
Thermoplastic	40%		022	\$10,700	1		В	
Thermoplastic	10%	2	032	* *	1		В	
Motor Controllers								
Locally Mounted	70%		020	\$26,100	5	\$300	В	
Locally Mounted	20% 2-4	. /	042	* *	5		В	
	On Extended Life, Extent Location : Throughout	: Moderate, Area	Affeci	ted : 100%				
Locally Mounted	10%	2	035	* *	5		В	
Ground								
Grounding Devices								
Generic	100% 2-4	·	IFE	* *	5	\$1,100	В	
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Water Main Explanation : Corroded							
ighting								
Interior Lighting								
Fluorescent	30%	2	017	\$42,200	10	\$17,800	В	
	Other Observation, Exten Location : Throughout	t : Moderate, Ared	a Affe	cted : 100%				
	Explanation: T-12 Lam	ps						
Fluorescent	10%	2	027	* *	10	\$5,900	В	
	Other Observation, Exten	t : Moderate, Ared	a Affe	cted : 100%		, ,		
	Location: Throughout							
	Explanation: T-8 Lamp	S						
HID	60%	2	017	\$23,500	10	\$1,300	В	
Egress Lighting								
Emergency, Battery	50%	2	017	\$13,100	10	\$7,800	В	
Exit, Service	50%	2	017	\$5,300	1		В	
Exterior Lighting	<u> </u>							
HID	100%	2	017	\$4,300	10	\$200	В	

Mechanical	C	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Heating

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

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

Mechanical	Current Repair	Future	e Replacement	M		
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source	1000/	2022	de de	_	\$20.100	
Fuel Oil No 2	100%	2032	* *	5	\$20,100	В
Conversion Equipment Steam Boiler	100% Other Observation, Extent : Location : Boiler Room	2035 Light, Area Affected	* *	1	\$64,300	В
	Explanation: 2 Units					
Distribution Steam Piping/Pump	100% 0-2 S Corroded, Extent : Severe, A Location : Throughout	\$151,200 2032 Area Affected : 100%	* *	4	\$3,200	В
Terminal Devices	500/	2020	Φ241.000		Φ10. 5 00	D
Convector/Radiator Fan Coil Unit/Heat	50% 50% 0-2	2020 \$540,600 2032	\$341,000	1 1	\$10,500 \$9,500	B B
Fan Coll Umi/Heat	On Extended Life, Extent : S Location : Throughout Ga	evere, Area Affected		1	\$9,300	Б
Air Conditioning						
Energy Source Electricity	100%	2038	* *	1		В
Conversion Equipment Window/Wall Unit No Component	15% 85%	2017	\$22,300	1		B D
Ventilation						
Distribution Ductwork/Diffusers	20%	LIFE	* *	2-5	\$7,200	В
No Component	80%	LIFE		2-3	\$7,200	D
Exhaust Fans						
Roof	100% Now Broken, Extent : Moderate, L Location : Roof	\$17,200 2022 Area Affected : 25%	\$57,400	2	\$1,600	В
Plumbing						_
H/C Water Piping Galv Iron/Steel	100% 0-2 Corroded, Extent : Moderate Location : Throughout	\$43,100 2027 e, Area Affected : 259	**	1		В
Water Heater						
Gas Fired	100% Other Observation, Extent: Location: 1st Floor And 2 Explanation: 3 Units		\$16,800 : 100%	2	\$1,000	В
Sanitary Piping	-					
Cast Iron	100%	LIFE	* *	1		В

Maintenance \$ are aggregated over a 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 1 GARAGE

Mechanical	Current Rep	air Fut	ure Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Storm Drain Piping						
Cast Iron	100% Now	\$10,100 LIFE	**	1		В
	Blockage /Clogged, Exte	nt : Moderate, Area A	fected : 15%			
	Location: Roof					
	Leak Evident, Extent : M	oderate, Area Affected	! : 15%			
	Location: 2nd Floor					
Fixtures						
Generic	100%					В
Fire Suppression		_		•		
Standpipe						
Generic	100%	2042	**	1-5	\$32,800	В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : STATEN ISLAND 2 GARAGE/BORO OFFC

Address : 2500 RICHMOND AVENUE

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

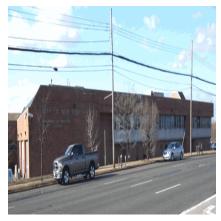
Date of Survey : 20-Jan-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2520 Lot : 1 BIN : 5041599

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$866,100	\$124,100
Interior Architecture	\$88,900	\$380,400
Electrical	\$102,900	
Mechanical	\$785,700	\$80,400
Total	\$1,843,600	\$584,900
Priority A	\$866,100	\$124,100
Priority B	\$942,000	\$80,400
Priority C	\$35,500	\$380,400
Total	\$1,843,600	\$584,900

Total	\$178,200	\$13,800	\$48,800	\$16,000
Priority C	\$58,900			\$1,000
Priority B	\$102,800	\$13,800	\$48,800	\$14,900
Priority A	\$16,400			
Total	\$178,200	\$13,800	\$48,800	\$16,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$91,200	\$5,300	\$33,500	\$5,300
Electrical	\$7,700	\$4,600	\$11,300	\$5,700
Interior Architecture	\$58,900			\$1,000
Exterior Architecture	\$16,400			
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



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

^{**} 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

		ASSEL#.Z		- BI			
rchitecture	Current Re	pair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
terior							
Exterior Walls Masonry: Brick	75% 0-2 Jnt Mortar Miss/Erod, Location: Various Lo Other Observation, Ext	ocations			5	\$72,000	A
	Location : Various Lo						
Metal Panel	Explanation: Deterior 5% 0-2 Corrosion/Rusting, Ext Location: Wash Bay	\$700	2031	* *	Angles 5	\$9,000	A
Metal Coiling Doors	20% Now Corrosion/Rusting, Ext Location: Wash Bay Unit Inoperable, Extend Location: Wash Bay				5	\$30,000	A
Windows	Zecawen C Wash Zay						
Aluminum	100% 2-4 Air Infiltration, Extent Location: Throughou Other Observation, Ext	t			5	\$6,400	A
	Location : Throughou Explanation : Vertica	nt			Have Toi	rn Weather Seals	
Parapets		•					
Concrete Masonry Unit	10% Now Jnt Mortar Miss/Erod, Location: Various Lo Miss/Damaged Coping Location: Various Lo	ocations s, Extent : Moder			5	\$600	A
Masonry: Brick	90% Now Jnt Mortar Miss/Erod, Location: Throughou Miss/Damaged Flashin Location: Throughou	t gs, Extent : Ligh			5	\$4,600	A
Roof	0.40/ 3.7	#207 600	2021	* *			
Built-Up (BUR)	94% Now Miss/Damaged Flashin Location : Flashing E	las Deteriorated		Affected : 100%			A
	Punct/Tear/Impact Dar Location: Isolated Lo Water Penetration, Ext	ocations			ó		
	Location: Womens B						
Skylight, Plastic Sloped Glazing	1% 5%		2034 LIFE	* *	1 5	\$52,100	A A

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 STATEN ISLAND 2 GARAGE/BORO OFFC

Asset #: 2005

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 Code
Interior								
Floors								
Cast in Place Concrete	70%		\$17,100	LIFE	**	5	\$125,600	C
		Crumbling, 1 : Through	Extent : Light, Are	ea Affecte	ed : 10%			
Caramia Tila				2024	* *		¢2 100	
Ceramic Tile	5%		\$35,500	2024		5	\$2,100	C
		r Miss/Eroo i : At Show	d, Extent : Moderat	e, Area A	Ajjeciea : 00%			
O		i . Ai Show	=13	2010	¢170.500		¢17.200	
Quarry Tile	14%			2019	\$178,500 * *	5	\$17,200	C
Terrazzo	1% 10%	Now	\$7,600	LIFE 2021		5	\$600	C C
Vinyl Tile			\$7,000 amage, Extent : Lig		\$76,300	3	\$3,100	C
		171mpaci D 1 : Through		диі, Агеа	Ајјестей . 50%			
Interior Walls								
Ceramic Tile	10%	Now	\$9,600	2030	* *	5	\$1,700	C
	Jnt Morta	r Miss/Eroc	l, Extent : Moderat	e, Area A	Affected : 15%			
	Location	: Shower	Rooms					
Concrete Masonry Unit	65%	Now	\$16,000	LIFE	* *	5	\$8,700	С
ř	Cracking/	Crumbling,	Extent : Light, Are	ea Affecte	ed : 10%			
	Location	: Through	out					
Gypsum Board	10%			LIFE	* *	5	\$2,000	C
SGFT/Glazed Masonry	15%			LIFE	* *		. ,	C
Ceilings								
AcousTileSusp.Lay-In	10%	Now	\$53,500	2041	* *	5	\$4,100	В
	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 100%	ó		
	Location	: Mens Lo	cker Room Throug	hout				
	Water Per	etration, E	xtent : Moderate, A	Area Affe	cted : 50%			
	Location	i : Mens Lo	cker Room Throug	hout				
Exposed Struc: Steel	85%			LIFE	* *			В
Gypsum Board	5%			LIFE	* *	5	\$5,100	В
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2034	* *			C
Parking/Driveway	<u> </u>							
Asphalt	95%			2030	* *			C
Cast in Place Concrete	5%			2034	* *			C

Electrical	Current Repair	Future Replacer	nent	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2031	* *	5	\$300	В
	Other Observation, Extent : Moder	ate, Area Affected : 100%	6			
	Location: Electrical Room					
	Explanation: 2-2000a Mains Dis	connect				

Maintenance \$ are aggregated over a 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 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 Code
Jnder 600 Volts						
Switchgear / Switchboard						
Fused Disc Sw	100%	2031	* *	5	\$300	В
Raceway						_
Conduit	100%	2031	* *	1		В
Panelboards	0.504	2020	de de	_	41.400	
Molded Case Bkrs	85%	2029	* *	5	\$1,400	В
Molded Case Bkrs	15%	2029		5	\$200	В
	Other Observation, Extent : Light, Area Location : Throughout	Ajjeciea	1:100%			
	_	us To C				
Wiring	Explanation : Tripping Of Breakers D	ue 10 C	арасну.			
Thermoplastic	100%	2031	* *	1		В
Motor Controllers	10070	2031		1		ъ
Locally Mounted	50%	2026	* *	5	\$200	В
Locally Mounted	25%	2019	\$8,300	5	\$100	В
Motor Control Center	25%	2026	ψ 0,500 * *	5	\$400	В
Ground	2570	2020			ψτου	
Grounding Devices						
Generic	100%	LIFE	* *	5	\$900	В
	Other Observation, Extent : Light, Area	Affected	l : 100%	-	7, 33	
	Location : Sprinkler Room					
	Explanation: Connected To Main Wa	ter Pipe.				
Lighting						
Interior Lighting						
Fluorescent	23%	2021	\$27,300	10	\$11,600	В
	Other Observation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Offices					
	Explanation: T-12 And T-8 Lamps					
HID	70%	2021	\$23,100	10	\$1,200	В
HID	5% Now \$1,700	2031	* *			В
	Damaged Fixtures, Extent : Light, Area	Affected	! : 50%			
	Location: Garage					
	Malfunctioning, Extent : Moderate, Are	a Affecte	ed : 100%			
	Location: Garage					
Incandescent	2%	2016	\$2,400	2		В
Egress Lighting						
Emergency, Battery	50%	2021	\$11,100	10	\$6,600	В
Exit, Service	50%	2021	\$4,400	1		В
Exterior Lighting						
HID	98%	2016	\$3,600	10	\$200	В
	Other Observation, Extent : Light, Area	Affected	l : 100%			
	Location : Exterior Wall					
	Explanation : Photocell Controlled.					
HID	2% Now	2031	* *			В
	Outdr Lights On During Daytime, Exter	t : Light	, Area Affected : 10	00%		
	Location : Exterior Wall					

Alarm

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

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

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DEPARTMENT OF SANITATION - 827 STATEN ISLAND 2 GARAGE/BORO OFFC

Asset #: 2005

Electrical	Cı	urrent Re	pair	Futur	e Replacement	M	aintenance	
System Component Type		il Date l Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm								
Security System								
No Component	50%							D
Generic	25% N	low	\$51,500	2031	* *	1	\$5,100	В
	Malfunctionin	ig, Extent	: Light, Area Aff	ected : 10	00%			
	Location: E	Exterior P	erimeter					
Generic	25%			2016	\$51,500	1	\$5,700	В
	Other Observe	ation, Ext	tent : Light, Area	Affected	: 100%			
	Location : E	Exterior P	erimeter					
	Explanation	: In Wor	king Order.					
Fire/Smoke Detection								
Generic	100%			2026	* *	1-3	\$38,900	В
	Other Observe	Other Observation, Extent : Light, Area Affected : 100%						
	Location: T	hroughou	ıt					
	Explanation	: In Wor	king Order.					

echanical		Current F	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
ating								
Energy Source								
Natural Gas	100%			2041	* *	1		В
Conversion Equipment								
Furnace		xtent : Seve	\$13,400 ere, Area Affected : eea & Garage	2016 20%	\$67,100	1	\$22,000	В
		vice, Exten	t : Severe, Area Aff	ected : 1	0%			
	Location		Extent : Light, Area ockage Units On Ro nits			age		
Hot Water Boiler	Location		Extent : Light, Area oom Floor 1 it	2026 Affected	* *	1	\$2,700	В
Distribution	•							
Ductwork/Diffusers	Location Other Obs Location	: Garage, ervation, E : All Area	~	oms a Affecte	ed : 100%	2-5	\$27,500	В
Hot Wtr Dining/Duma	10%	$\frac{1000 \cdot 1001 A}{0-2}$	Adequate Air Tempe \$6,100	2029	**	$\frac{\iota}{4}$	\$300	В
Hot Wtr Piping/Pump	Malfunctio	oning, Exte	\$6,100 nt : Severe, Area Aj s; Inadequate Cont	ffected :	100%	4	\$300	В

Maintenance \$ are aggregated over a 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 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 Code
Heating	•							
Terminal Devices Convector/Radiator	_	_	\$28,800 ant : Severe, Area Aj Locker Rooms; Ina	-		1 rols.	\$1,600	В
No Component	90%				-			D
Air Conditioning Energy Source	100%			2037	* *	1		В
Electricity Conversion Equipment Ext Pkg Unit - Heating/Cooling	20%	Now	\$40,200	2021	\$80,400	2	\$500	В
Heating/Cooling	Location	:Roof	Extent : Moderate, A			,		
Windo/W-11 II- '-		non : 4 Un	its, 1 Missing Door				e Control.	D
Window/Wall Unit No Component Distribution	5% 75%			2016	\$6,300	1		B D
Ductwork/Diffusers	_		\$38,800 evere, Area Affected Locker Rooms, Store			2	\$14,300	В
No Component	80%	- 33	· · · · · · · · · · · · · · · · · · ·	-				D
Ventilation	0070							
Distribution Ductwork/Diffusers			\$263,200 evere, Area Affected rea And Garage	LIFE d : 15%	* *	2-5	\$30,600	В
Exhaust Fans Roof	100% Not in Serv Location		\$14,500 at : Severe, Area Aff	2016 ected : 3	\$48,500	2	\$1,400	В
Plumbing H/C Water Piping								
Galv Iron/Steel	100%			2026	* *	1		В
Water Heater Gas Fired	-	place Evid : Boiler R	ent, Extent : Light, 2	2020 Area Affa	\$14,200 Sected : 100%	2	\$800	В
Sanitary Piping Cast Iron	100% Blockage /	Now Clogged, I	\$26,500 Extent : Moderate, A	LIFE Area Affe	* * ected : 10%	1		В
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		В
Sewage Ejector(s) Electric	100%			2016	\$10,100	4	\$1,300	В
Backflow Preventer Generic	100%			2021	\$5,900	1	\$3,400	В

Maintenance \$ are aggregated over a 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	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing							
Fixtures							
Generic	100%						В
Fire Suppression							
Sprinkler							
Generic	100%		2031	* *	1-2	\$15,400	В

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 12-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2685 Lot : 100 BIN : 5141714

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,473,700	\$91,000
Interior Architecture	\$611,800	\$158,300
Electrical	\$36,000	\$121,300
Mechanical		\$1,053,300
Total	\$2,121,600	\$1,423,800
Priority A	\$1,473,700	\$91,000
Priority B	\$248,700	\$1,174,500
Priority C	\$399,100	\$158,300
Total	\$2,121,600	\$1,423,800

Total	\$162,700	\$15,700	\$15,400	\$18,300
Priority C	\$23,300			\$1,700
Priority B	\$70,600	\$15,700	\$15,400	\$16,600
Priority A	\$68,800			
Total	\$162,700	\$15,700	\$15,400	\$18,300
Mechanical	\$58,300	\$15,700	\$14,500	\$15,700
Electrical	\$6,700		\$900	\$900
Interior Architecture	\$28,900			\$1,700
Exterior Architecture	\$68,800			
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017



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

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

Asset #: 130

rchitecture	Curren	t Repair	Future	Replacement	Maintenance		
ystem Component Type	% of Fail Date Total (Years	e Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior							
Exterior Walls							
Concrete Masonry Unit	75% Now Broken/Missing Ele	\$269,200 ements, Extent : Seve	LIFE ere, Area A <u>j</u>	* * fected : 10%	5	\$49,600	A
	Location: North						
	_	g, Extent : Moderate	e, Area Affe	ected : 15%			
	Location : North			. 1 150/			
	Int Mortar Miss/Ei Location : North	od, Extent : Modera Facade	te, Area Afj	tected : 15%			
Metal Coiling Doors	25% Now	\$633,700	2028	* *	5	\$41,300	A
Ü	_	Extent : Light, Area Facade, South Faca		10%			
	Deformed/Dented, Location : North	Extent : Moderate, A Facade	Area Affecte	ed : 10%			
Windows							
Aluminum	97% Now	\$129,700	2039	* *	5	\$6,900	A
	Broken/Missing Ele Location: Through	ements, Extent : Mod ghout	lerate, Area	a Affected : 40%			
Metal Louvers	3% Now	\$2,800	2032	* *			A
	Broken/Missing Ele Location : Through	ements, Extent : Mod ghout	lerate, Area	a Affected : 40%			
Parapets							
Concrete Masonry Unit	95% Now	\$31,300	LIFE	* *	5	\$6,000	A
	Cracking/Crumblin Location: Throug	g, Extent : Light, Ar ghout	ea Affected	: 10%			
Metal Panel	5% Now	\$2,400	2033	* *	5	\$500	A
	_	Extent: Moderate,	Area Affect	ed : 30%			
	Location : Throug	ghout					
Roof	070/ 34	Φ441 100	2022	* *			
Built-Up (BUR)	97% Now	\$441,100	2033	* *			A
		oderate, Area Affect	tea : 20%				
	Location: Throug		lorato Aroc	Affactad . 30%			
	Location: Through	shings, Extent : Mod shout	иетине, Атей	i Ajjeciea . 30/0			
		Extent : Moderate, 1	Area Affect	ed · 20%			
		Rooms, Garage Are		ca . 2070			
Skylight, Plastic	3% Now	\$32,300	2036	* *	1		A
211/11/2114/11/11/2110		shings, Extent : Mod		Affected : 20%	-		
	Location : Over (_	•				
	Water Penetration,	Extent : Moderate,	Area Affect	ed : 20%			
	Location : Garag	e Area					

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 #: 130

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 Code
nterior					
Floors Cast in Place Concrete	80% 0-2 \$215,200	LIFE **	5	\$158,300	С
Cast III Frace Concrete	Cracking/Crumbling, Extent : Modera. Location : Throughout	LIFE	3	\$136,300	C
Ceramic Tile	5% 0-2 \$4,900 Cracking/Crumbling, Extent : Light, A Location : Throughout	2032 ** rea Affected : 10%	5	\$2,300	С
Vinyl Tile	15% 0-2 \$126,200 Broken/Missing Elements, Extent: Mo Location: First And Second Floor C Worn/Eroded, Extent: Moderate, Area Location: First And Second Floor C	orridors Affected : 25%	3	\$5,100	С
Interior Walls					
Ceramic Tile	5% 0-2 \$5,300 Cracking/Crumbling, Extent : Moderal Location : Throughout	2032 ** re, Area Affected : 10%	5	\$900	С
Concrete Masonry Unit	85% 0-2 \$57,700 Cracking/Crumbling, Extent: Light, A Location: Throughout	LIFE * * rea Affected : 20%	5	\$12,500	С
Gypsum Board	10% 0-2 \$13,100 Cracking/Crumbling, Extent : Light, A Location : Throughout	LIFE ** rea Affected : 20%	5	\$2,200	С
Ceilings	400/ 0.4	20.42	-	4.50	
AcousTileSusp.Lay-In	10% 2-4 \$59,000 Staining/Discoloring, Extent : Modera Location : First Floor Corridor, Seco		5	\$4,500	В
	Water Penetration, Extent : Light, Area Location : Locker Rooms	n Affected : 5%			
	Worn/Eroded, Extent : Light, Area Affa Location : First Floor Corridor, Seco				
Exposed Struc: Steel	85% Corrosion/Rusting, Extent: Light, Area Location: Throughout	LIFE ** a Affected : 10%	10	\$153,700	В
Gypsum Board	5% 0-2 \$5,600 Cracking/Crumbling, Extent: Light, A Location: Throughout	LIFE * * rea Affected : 20%	5	\$5,700	В

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

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 #: 130

Electrical	Current Rep	oair Futu	Future Replacement		Maintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2023	' '	5	\$300	В
	Other Observation, Exte		ected : 100%			
	Location : Electrical R					
	Explanation: 1600 An	nps				
Switchgear / Switchboard						
Fused Disc Sw	100%	2023	\$29,100	5	\$300	В
Raceway						
Conduit	100%	2023	\$36,000	1		В
Panelboards						
Fused Disc Sw	10%	2022	' '	5	\$200	В
Molded Case Bkrs	90%	2022	\$24,800	5	\$1,600	В
Wiring						
Thermoplastic	100%	2023	\$26,700	1		В
Motor Controllers						
Locally Mounted	10%	2021	\$3,700	5		В
Motor Control Center	90%	2021	\$33,500	5	\$1,700	В
Ground						
Grounding Devices						
Not Accessible	100%					D
Lighting						
Interior Lighting						_
Fluorescent	65%	2018	, ,	10	\$36,000	В
	Other Observation, Exte		ected : 100%			
	Location: Throughout	=				
	Explanation: T-12 And	•				
HID	35%	2018	\$12,700	10	\$700	В
Egress Lighting						
Emergency, Battery	40%	2018	. ,	10	\$5,800	В
Exit, Service	60%	2018	\$5,900	1		В
Exterior Lighting						
HID	100%	2018	\$4,000	10	\$200	В

Mechanical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating		•				
Energy Source						
Interruptible Gas/Dual Fuel	100%	2043	* *	1		В
	Other Observation, Extent : Light, A	rea Affected	: 100%			
	Location : Under Ground Vault					
	Explanation: (1) 10,000 Tank					

 $[\]label{lem:maintenance} \textit{Maintenance \$ are aggregated over a ten-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 Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Conversion Equipment	1000/	2.4	Φ=	2025	de de		Φ2π 000	
Hot Water Boiler	100%	2-4	\$7,600	2036	* *	1	\$27,000	В
	-		t, Extent : Light, A oom, 2 Units Recer					
			oom, 2 Onus Kecer xtent : Light, Area					
		: Boiler R	=	Ајјестеи	. 100/0			
			al Fuel Hot Water	Roilers				
Distribution	Виринии	ion . 2 Duc	in I wer II or maren	Botters				
Hot Wtr Piping/Pump	100%			2039	* *	4	\$4,500	В
Terminal Devices							1 7	
Air Handler	40%			2023	\$145,100	1	\$15,000	В
Convector/Radiator	10%			2028	* *	1	\$2,000	В
Fan Coil Unit/Heat	50%			2023	\$503,600	1	\$9,800	В
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		В
Conversion Equipment	2001			2022	4.7.7 00		Φ# <00	
Reciprocating	20%			2023	\$45,700	1	\$5,600	В
Compr/Chiller	0.00/	N	¢24.900	2022	\$249.400	2	¢2.400	D
Ext Pkg Unit - Cooling	80% Broken Fr	Now	\$24,800 erate, Area Affecte	2023	\$248,400	2	\$2,400	В
					Out Package Unit	Drin Par	1	
Distribution				,		- · · · · · ·	-	
Chilled Wtr Pipe/Pump	20%			2033	* *	4	\$600	В
No Component	80%						,	D
Terminal Devices								
Air Handler/Cool/Ht	20%			2023	\$57,100	1	\$7,500	В
No Component	80%							D
Heat Rejection								
Air Condenser Unit	20%			2023	\$26,900	2	\$8,400	В
No Component	80%							D
Ventilation								
Distribution	1.000/			LIDE	* *	2.5	Φ.5.2. 4.0.0	ъ.
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$53,400	В
Exhaust Fans Roof	100%			2023	\$53,500	2	\$1,900	В
Plumbing	100%			2023	\$33,300		\$1,900	Б
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		В
Water Heater	100/0			2000		1		
Electric	5%			2018	\$500	4		В
No Component	95%			, - 0	7- 30	•		D
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	\$6,000	В
•		oair Eviden	t, Extent : Light, A		cted : 100%		,	
	Location	: Boiler Re	oom, Unit Was Rei	nsulated	Recently			

Maintenance \$ are aggregated over a 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 Code
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)								
Rigid Piping	100%			2023	\$10,100	4	\$2,000	В
Fixtures								
Generic	100%							В
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	\$30,500	В
Sprinkler								
Generic	100%			2033	* *	1-2	\$17,000	В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 12-Jul-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$266,500	\$492,100
Interior Architecture	\$492,400	\$257,500
Electrical		\$37,500
Total	\$758,900	\$787,100
Priority A	\$266,500	\$492,100
Priority B	\$234,900	\$37,500
Priority C	\$257,500	\$257,500
Total	\$758,900	\$787,100

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$36,600	\$400	\$51,700	
Interior Architecture	\$22,400		\$1,100	\$2,500
Electrical	\$3,900	\$3,700	\$1,800	\$1,400
Mechanical	\$29,600	\$3,900	\$10,000	\$3,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$96,400	\$11,900	\$68,600	\$11,700
Priority A	\$36,600	\$400	\$51,700	
Priority B	\$41,700	\$11,500	\$15,800	\$9,300
Priority C	\$18,200		\$1,100	\$2,500
Total	\$96.400	\$11,900	\$68,600	\$11.700



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

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

DEPARTMENT OF SANITATION - 827 STATEN ISLAND TRANSFER STATION

Asset #: 13883

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
xterior								
Exterior Walls						_		
Cast in Place Concrete	5%			LIFE	* *	5	\$58,800	Α
Fiberglass Panel	15%			2036	* *	5	\$66,100	Α
Metal Panel	70%			2049	* *	5-10	\$565,900	A
Metal Coiling Doors	10%			2036	* *	5	\$36,800	A
Windows								
Aluminum	95%			2045	* *	5	\$800	Α
Metal Louvers	5%			2036	* *	10	\$300	A
Parapets								
Metal Panel	100%			2043	* *	5	\$80,500	A
Roof								
Metal Panel	98%	2-4	\$112,200	2036	* *			Α
			ctent : Light, Area A	Affected .	5%			
		ı : Main Ro	-					
			Extent : Light, Area	Affected	: 5%			
	Location	ı : Over Tra	ansfer Area					
Skylight, Plastic	2%	0-2	\$7,200	2040	* *	1		A
			Extent : Light, Area	Affected	: 10%			
	Location	ı : Through	out					
terior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	\$515,000	C
Ceramic Tile	2%			2032	* *	5	\$2,600	C
Quarry Tile	1%			2036	* *	5	\$2,000	C
Vinyl Tile	7%	0-2	\$4,300	2028	* *	3	\$3,400	C
			Extent : Light, Are	ea Affecto	ed : 10%			
	Location	ı : Through	out					
Interior Walls								
Cast in Place Concrete	20%			LIFE	* *	10	\$8,100	C
Ceramic Tile	2%			2036	* *	5	\$300	C
Concrete Masonry Unit	1%			LIFE	* *	5	\$100	C
Gypsum Board	2%			LIFE	* *	5-10	\$500	C
Metal Panel	75%			LIFE	* *	10	\$5,400	C
Ceilings								
AcousTileSusp.Lay-In	10%		\$4,300	2036	* *	5	\$6,500	В
	Water Per	netration, E	Extent : Light, Area	Affected	: 10%			
	Location	ı : Through	out					
Exposed Struc: Steel	90%			LIFE	* *	10	\$234,900	В
r		netration, E	Extent : Light, Area		: 5%	-	,,, 50	_
		ı : Transfer		55				

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 Code

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 STATEN ISLAND TRANSFER STATION

Asset #: 13883

Electrical	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 Code
Under 600 Volts							
Service Equipment							
Air Circuit Breaker	100%		2049	* *	5	\$400	В
	Other Observation,		Area Affe	cted : 100%			
	Location : Electric						
-	Explanation : 3000	0 Amps, General Ele	ectric Spe	ectra Series Power	Breaker.	S	
Transformers	400-		• • • •		_	4.00	_
Dry Type	100%		2040	* *	5	\$300	В
	Other Observation,		Area Affe	cted : 100%			
	Location : Electric						
	Explanation: 75 K	Kw					
Switchgear / Switchboard	400-		• • • •		_	** ***	_
Molded Case Bkrs	100%		2049	* *	5	\$2,200	В
Raceway							_
Conduit	100%		2049	* *	1		В
Panelboards					_		_
Fused Disc Sw	10%		2045	* *	5	\$200	В
Molded Case Bkrs	90%		2045	* *	5	\$2,000	В
Wiring							
Thermoplastic	100%		2049	* *	1		В
Motor Controllers							
Locally Mounted	5%		2040	* *	5		В
Motor Control Center	95%		2040	* *	5	\$2,100	В
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$2,400	В
	Other Observation,		Area Affe	cted : 100%			
	Location : Water I						
	Explanation : Con	nected To Main Wai	ter Pipe				
Lighting							
Interior Lighting							
Fluorescent	50%		2031	* *	10	\$37,500	В
	Other Observation,	Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Offices						
	Explanation: T-8	Lamps					
HID	50%		2031	* *	10	\$1,300	В
Egress Lighting							
Emergency, Battery	50%		2031	* *	10	\$9,900	В
Exit, Service	50%		2031	* *	1		В
Exterior Lighting							
HID	100%		2028	* *	10	\$300	В
Alarm							
Fire/Smoke Detection							
No Component	70%						D
Generic	30%		2031	* *	1-3	\$15,200	В

Maintenance \$ are aggregated over a 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 TRANSFER STATION

Asset #: 13883

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 Code
Heating								
Energy Source								
Natural Gas	100%			2049	* *	1		В
Conversion Equipment								
Furnace	5%			2031	**	1	\$2,000	В
			Extent : Moderate, A	Area Affe	ected: 5%			
	Location							
		ion : 2 Ga.	s Fired Package Ro	oof Top U	Inits			
No Component	95%							D
Terminal Devices								
Fan Coil Unit/Heat	5%			2028	* *	1	\$1,300	В
			Extent : Light, Area					
			al Equipment And V					
	-		net Unit Heaters Ar	e Utilize	d For Heating The	Electric	al Equipment And	
		etering Roo	oms					
No Component	95%							D
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		В
Conversion Equipment								
Ext Pkg Unit -	10%			2028	* *	2	\$500	В
Heating/Cooling								
No Component	90%							D
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	\$3,600	В
Ductwork/Diffusers	95%			LIFE	* *	2-5	\$68,600	В
Exhaust Fans								
Roof	100%			2028	* *	2	\$2,500	В
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		В
Water Heater								
Electric	10%			2021	\$1,400	4		В
No Component	90%							D
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sewage Ejector(s)								
Electric	100%			2028	* *	4	\$1,300	В
Backflow Preventer								
Generic	100%			2031	* *	1	\$5,100	В
Fixtures								
Generic	100%							В
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			С
			<u> </u>				<u> </u>	

Maintenance \$ are aggregated over a 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 TRANSFER STATION

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 Code
Fire Suppression Sprinkler Generic	100%	2049 **	1-2 \$23,000	В

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 26-Jul-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2101 Lot : 120 BIN : 1062477

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$3,080,300	\$232,100
Interior Architecture	\$1,474,100	\$122,100
Electrical		\$68,100
Mechanical	\$1,149,100	
Total	\$5,703,500	\$422,300
Priority A	\$3,080,300	\$232,100
Priority B	\$2,263,400	\$68,100
Priority C	\$359,800	\$122,100
Total	\$5,703,500	\$422,300

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture				
Interior Architecture	\$47,000			\$800
Electrical		\$600		
Mechanical	\$35,600		\$5,500	
Total	\$82,500	\$600	\$5,500	\$800
Priority A				
Priority B	\$35,600	\$600	\$5,500	
Priority C	\$47,000			\$800
Total	\$82,500	\$600	\$5,500	\$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 W. 135TH MARINE TRANSFER STATION

Asset #: 123

Architecture	Current Re	epair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior			•				
Exterior Walls Fiberglass Panel	20% Now Broken/Missing Eleme Location: Throughou		2036 re, Area Aj	* * ffected : 100%	5	\$34,800	A
	Other Observation, Ex. Location: Throughou Explanation: 2 Level Missing	tent : Light, Area ut			, Many C	Components Are	
Metal Panel	75% Now Deformed/Dented, Extended Location: Throughout	_	2031 Affected : 0	* *	5	\$130,600	A
Window Wall	5% Now Broken/Missing Eleme Location : Offices	\$249,300 nts, Extent : Mod	2051 erate, Ared	* * u Affected : 30%	5	\$8,700	A
Windows Aluminum	100% Now Broken/Missing Eleme Location : 1througho		2046 re, Area A	* * ffected : 100%	5	\$13,900	A
Parapets Metal: Cage/Fence	100% Now Broken/Missing Eleme Location : 1througho		2041 re, Area A	* * ffected : 100%	5	\$101,500	A
Roof Cast in Place Concrete	20% Now Cracking/Crumbling, 1 Location: Throughou		LIFE , Area Affe	* * ected : 10%			A
Metal Panel	80% Now Punct/Tear/Impact Dat Location: Throughou	\$616,400 mage, Extent : Se	2041 vere, Area	* * Affected : 100%			A
nterior							
Floors Cast in Place Concrete	85% Now Cracking/Crumbling, I Location: Throughou			* * ected : 60%	5	\$122,100	C
Ceramic Tile	5% Now Broken/Missing Eleme Location : Throughou		2036 re, Area A	* * ffected : 100%	5	\$1,600	С
Vinyl Tile	10% Now Adhesion Failure, Exte Location: Throughou Broken/Missing Eleme Location: Throughou	ut nts, Extent : Mod			3	\$2,500	С

Maintenance \$ are aggregated over a 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

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 Code
Interior								
Interior Walls								
Cast in Place Concrete	15%	Now	\$15,900	LIFE	* *			C
	Cracking/	Crumbling,	Extent: Moderate	, Area A	ffected : 20%			
	Location	: Through	out					
Concrete Masonry Unit	10%	Now	\$61,700	LIFE	* *	5	\$700	С
•	Broken/M	issing Elem	nents, Extent : Mod	erate, Ar	rea Affected : 15%			
	Location	: Offices						
Concrete Masonry Unit	50%			LIFE	* *	5	\$3,300	С
Metal Panel	25%	Now	\$31,000	LIFE	* *	C	42,200	Č
			Extent : Moderate, A		cted : 20%			
		0.	mbers At Lower Le	00				
	Deformed	Dented, E	xtent : Moderate, A	rea Affe	cted : 20%			
	=		tion Of Garbage D					
Ceilings			<i>y</i> 0	1				
AcousTileSusp.Lay-In	10%	Now	\$42,800	2041	* *	5	\$3,300	В
y			nents, Extent : Seve		Affected : 50%	-	40,000	_
		ı : Electrica		ĺ	55			
Exposed Concrete	25%	Now	\$123,600	LIFE	* *	5	\$2,600	В
Exposed Concrete			Extent : Moderate		ffected · 15%	3	Ψ2,000	D
			Beam Above Barg		<i>Jecica</i> : 1570			
E 1 C C 1					* *			D
Exposed Struc: Steel	65%		\$947,900	LIFE				В
			Extent : Moderate, A	Area Affe	ectea : 20%			
	Location	: Through	оит					

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 Code
Under 600 Volts								
Panelboards								
Molded Case Bkrs	95%			2020	\$68,100	5	\$1,300	В
No Component	5%							D
Ground								
Grounding Devices								
Not Accessible	100%							D

Mechanical	Currer	t Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Not Accessible	100%						D

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

Maintenance \$ are aggregated over a 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

Mechanical	Current Re	epair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Conversion Equipment Radiant Heater	50% Now Other Observation, Ex Location : Througho Explanation : Remov	ut		* *	2	\$8,100	В
No Component	50%						D
Air Conditioning							
Energy Source Electricity	100% Now Not in Service, Extent Location : Througho		2046 ected : 100%	**	1		В
Conversion Equipment Int Pkg Unit - Cooling	10% Now Other Observation, Ex Location : Througho Explanation : Remov	ut		**	2	\$200	В
No Component	90%						D
Ventilation							
Distribution Ductwork/Diffusers	100% Now Other Observation, Ex Location: Througho Explanation: Remov	ut		* *	2-5	\$24,500	В
Exhaust Fans							
Interior	5% Now Not in Service, Extent Location: Througho		2031 ected : 100%	**	2	\$100	В
No Component	95%						D
Plumbing							
H/C Water Piping Galv Iron/Steel	100% Now Other Observation, Ex Location: Througho Explanation: Remov	ut	35	**	1		В
Water Heater	· r · · · · · · · · · · · · · · · · · ·						
Electric	100% Now Not in Service, Extent Location : Througho		2021 ected : 100%	\$7,600	4	\$300	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		В

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 09-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 1109 Lot : 99 BIN : 1076222

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$188,000	\$324,200
Interior Architecture	\$277,100	\$180,600
Electrical		\$1,292,000
Mechanical	\$294,000	\$726,700
Total	\$759,100	\$2,523,500
Priority A	\$188,000	\$324,200
Priority B	\$449,900	\$2,018,700
Priority C	\$121,100	\$180,600
Total	\$759,100	\$2,523,500

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$17,000			
Interior Architecture	\$51,100			\$800
Electrical	\$13,600	\$3,900	\$4,900	\$6,100
Mechanical	\$57,900	\$6,800	\$11,300	\$8,700
Total	\$139,600	\$10,800	\$16,200	\$15,600
Priority A	\$17,000			
Priority B	\$83,400	\$10,800	\$16,200	\$14,800
Priority C	\$39,200			\$800
Total	\$139,600	\$10,800	\$16,200	\$15,600



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 W. 59TH ST. MARINE TRANSFER STA.

Architecture	Curren	t Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior			•				•
Exterior Walls Fiberglass Panel	25% 0-2 Cracking/Crumblin Location: Throug	\$17,000 g, Extent : Light, Ard ghout	2032 ea Affecte	* * d : 10%	5	\$81,000	A
Metal Panel	75% 0-2	\$50,100 Extent : Light, Area	2043 Affected :	* *	5	\$243,100	A
Windows Aluminum	100% 0-2 Air Infiltration, Ext Location : Throug	\$48,800 ent : Light, Area Affa ghout	2039 ected : 10	**	5	\$25,900	A
Roof							
Fiberglass Panel	10%		2032	* *	1	ΦΩΩ 1ΩΩ	A
Metal Panel	90%		2036	* *	10	\$89,100	A
nterior Floors							
Cast in Place Concrete	90% 0-2 Cracking/Crumblin Location: Through	\$61,400 g, Extent : Light, Are	LIFE ea Affecte	* * d : 10%	5	\$180,600	С
Ceramic Tile	3% Now	\$6,000	2032	* *	5	\$1,400	C
Ceranic The		ements, Extent : Mod		ea Affected : 10%	3	ψ1,400	C
Vinyl Tile	Location : Offices	g, Extent : Severe, A			3	\$2,400	С
Interior Walls	Zoomon Timone	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Cast in Place Concrete	5%		LIFE	* *	10	\$2,900	С
Concrete Masonry Unit	10% 4+ Diagonal Cracks, E	\$4,300 Extent : Moderate, Ai Foot Ramp To Uppe	LIFE ea Affect	* * ed : 5%	5	\$900	C
Fiberglass Panel	35% 0-2	\$6,600 ements, Extent : Ligh	LIFE	* * fected : 10%			С
Gypsum Board	10% 0-2 Cracking/Crumblin Location : Throug	\$2,100 g, Extent : Light, Ara ghout	LIFE ea Affecte	* * d : 10%	5	\$1,400	С
Metal Panel	40% 0-2 Deformed/Dented, Location: Through	\$17,300 Extent : Light, Area : ghout	LIFE Affected :	* * 10%			С

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

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

DEPARTMENT OF SANITATION - 827 W. 59TH ST. MARINE TRANSFER STA.

Asset #: 2015

Architecture	Curren	t Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior							
Ceilings							
AcousTileSusp.Lay-In	5% Now	\$9,000	2036	* *	5	\$2,300	В
	Cracking/Crumblin Location: Throu	ig, Extent : Severe, A ghout	rea Affec	cted : 60%			
Exposed Struc: Steel	85%		LIFE	* *	10	\$155,900	В
1	Corrosion/Rusting	Extent : Light, Area	Affected	: 10%			
	Location: Throu	ghout					
Metal Panel	10% 0-2	\$2,900	LIFE	* *	5	\$11,500	В
	Corrosion/Rusting	Extent : Light, Area	Affected	: 10%			
	Location : Throu	ghout					

Electrical	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2023	\$29,800	5	\$1,900	В
	Other Observation, Extent : Modera	ate, Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation: Four 800 Amps Ma	in Disconnect	Switch			
Switchgear / Switchboard				_		_
Molded Case Bkrs	100%	2023	\$130,900	5	\$1,900	В
Raceway						
Conduit	100%	2033	* *	1		В
Panelboards						
Fused Disc Sw	10%	2022	\$8,800	5	\$200	В
Molded Case Bkrs	90%	2022	\$79,400	5	\$1,700	В
Wiring						
Thermoplastic	100%	2033	* *	1		В
Motor Controllers						
Motor Control Center	100%	2021	\$170,700	5	\$1,900	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$2,100	В
Lighting						
Interior Lighting						
Fluorescent	40%	2023	\$36,600	10	\$22,500	В
	Other Observation, Extent: Modera	ate, Area Affed	cted : 100%			
	Location : Throughout					
	Explanation: T-12 Lamps					
HID	60%	2023	\$71,700	10	\$1,200	В
Egress Lighting						
Emergency, Battery	50%	2018	\$12,400	10	\$7,400	В
Exit, Service	50%	2023	\$5,000	1		В
Exterior Lighting						
HID	100%	2023	\$13,600	10	\$200	В

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

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

DEPARTMENT OF SANITATION - 827 W. 59TH ST. MARINE TRANSFER STA.

Asset #: 2015

Electrical	Current	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 Code
Alarm Fire/Smoke Detection							
Generic	100%		2023	\$802,800	1-3	\$44,300	В

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 Code
Heating	•							
Energy Source Electricity	100%			2033	* *	1		В
Conversion Equipment Radiant Heater	Location	ervation, E 1: Through 1: 10 Ui		2023 Affected	\$240,300 : 100%	2	\$22,700	В
No Component	20%							D
Distribution Ductwork/Diffusers No Component	80% 20%			LIFE	* *	2-5	\$43,300	B D
Air Conditioning Energy Source Electricity	100%			2031	* *	1		В
Conversion Equipment Int Pkg Unit - Cooling			\$21,400 t : Severe, Area Aff or	2028 ected : 1	* *	2	\$300	В
Window/Wall Unit No Component	5% 85%			2018	\$7,000	1		B D
Ventilation								
Distribution Ductwork/Diffusers		vice, Extent	t : Light, Area Affeo out	LIFE cted : 30	* *	2-5	\$54,100	В
Exhaust Fans Interior Roof	80% 20%			2018 2018	\$282,600 \$10,900	2 2	\$1,500 \$400	B B
Plumbing	2070			2016	\$10,900		\$ 4 00	ъ
H/C Water Piping Brass/Copper	100%			2023	\$203,800	1		В
Water Heater Electric	100%			2018	\$10,600	4	\$500	В
Sanitary Piping Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		В
Sewage Ejector(s) Compressed Air	100%			2033	* *	4	\$1,300	В

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

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

DEPARTMENT OF SANITATION - 827 W. 59TH ST. MARINE TRANSFER STA.

Mechanical	Current Repair	Future	Replacement	Maintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY		Cycle Estimated Cost (Yrs)	Priority Code
Plumbing					
Fixtures					
Generic	100%				В
Fire Suppression					
Standpipe					
Generic	100% Now \$	5243,500 2053	* *	1-5 \$21,800	В
	Corroded, Extent : Severe, A	rea Affected : 100%			
	Location: Throughout				
Fire Pump					
Generic	100% Now	\$50,500 2038	* *	1 \$10,300	В
	Other Observation, Extent:	Severe, Area Affected	! : 100%		
	Location : Barge Area				
	Explanation : Obsolete				

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 06-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : 803 Lot : 5 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers	\$3,919,100	\$102,200
Total	\$3,919,100	\$102,200
Priority A Priority B	\$2,673,800 \$1,245,300	\$102,200
Total	\$3,919,100	\$102,200

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$34,900		\$26,700	\$5,900
Total	\$34,900		\$26,700	\$5,900
Priority A	\$19,200			
Priority B	\$12,400		\$26,700	\$5,900
Priority C	\$3,300			
Total	\$34,900		\$26,700	\$5,900



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

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

DEPARTMENT OF SANITATION - 827 BROOKLYN SANITATION GARAGE CONCRETE PIER

Asset #: 1818

Piers	Current Repair	Future Replace	ment	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural Deck						
Concrete	45% Now \$972,800 Other Observation, Extent: Severe, Area Location: Offshore Of Station 5+00 (1 Explanation: Collapsed/failed		* *	5	\$27,700	A
Concrete	25% 4+ \$54,000 Cracking, Extent: Light, Area Affected: Location: Throughout Sta 0+00 To 5+ Spalling, Extent: Light, Area Affected: Location: Isolated	-00	* *	5	\$15,400	A
Not Accessible	30%					D
Firewalls Concrete	90% Cracking, Extent : Light, Area Affected : Location : Station 2+15		* *	5-10	\$6,700	С
Not Accessible	Spalling, Extent: Light, Area Affected: Location: Station 2+15 10%	5%				D
Pile Caps	10%					D
Timber	45% Now \$337,100 Other Observation, Extent: Severe, Area Location: Offshore Of Station 5+00 (I Explanation: Failed/collapsed		* *	4	\$117,000	A
Timber	35% 4+ \$131,100 Rotting/Splitting, Extent : Moderate, Are Location : Isolated Throughout Station		* *	4	\$91,000	A
Not Accessible	20%					D
Piles and Bracing						
Timber	40% Now \$1,178,800 Missing Pile, Extent: Severe, Area Affec Location: Isolated Locations Station 0 Other Observation, Extent: Severe, Area Location: Offshore Of Station 5+00 Explanation: Collapsed/Failed	0+00 To 5+00	* *	4-5	\$59,300	A
Timber	15% Rotting/Splitting, Extent: Light, Area Af Location: Isolated Throughout	LIFE fected : 10%	* *	4-5	\$41,400	A
Not Accessible	45%					D
Fender Buffer						
Rubber	95%	2036	* *	4-5	\$37,400	В
Rubber	5% Now \$8,400 Missing Part, Extent: Severe, Area Affect Location: At Northeast End Of Pier	2038	* *	4-5	\$1,300	В

Maintenance \$ are aggregated over a 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

iers	Current Repai	ir	Future	Replacement	Ma	aintenance	
ystem Component Type	% of Fail Date Esti Total (Years)	imated Cost	Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ender							
Facing							
Timber	20%		2032	* *	3	\$15,700	В
	Rotting/Splitting, Extent:		a Affected	d : 50%			
	Location : North Side Of	Pier					
Timber	10% Now	\$39,300	2038	* *	3	\$5,900	В
	Missing Part, Extent: Sev	ere, Area Affec	ted : 100	%			
	Location : North Side Of	Pier					
No Component	70%						D
Wales and Chocks							
Timber	55% Now	\$204,400	2038	* *	4	\$44,800	В
	Other Observation, Extent		33				
	Location: Station 0+00	To 2+80 On N	orth Side	And 2+85 To 9+	-00 On Sc	outh Side	
	Explanation : Failed						
Timber	15%		2032	* *	4	\$12,200	В
	Rotting/Splitting, Extent:	Light, Area Aff	ected : 10	0%			
	Location: Southeast End	l Of Pier					
No Component	30%						D
Piles							
Timber	85% Now 5	\$1,001,600	2038	* *	4	\$32,000	В
	Missing Pile, Extent: Seve	ere, Area Affect	ed: 1009	%			
	Location: Entire North	Side Of Pier Ar	id Station	1 2+85 To 9+00 C	On South	Side	
	Other Observation, Extent	: Severe, Area	Affected	: 100%			
	Location: 12 Steel Pipe	Piles With Cor	rosion Al	bove Water At Off	fshore En	ıd	
	Explanation: Corrosion						
Timber	10%		2032	* *	4	\$3,800	В
	Rotting/Splitting, Extent:	Light, Area Aff	ected : 10	0%			
	Location: Southeast End	d Of Pier					
Not Accessible	5%						D

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : E. 91ST MARINE TRANSFER STATION BARGE DOCKS

Address : 91ST ST. & EAST RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOS0001.010 / 1840 Yr Built/Renovated : 1950 /

Area Sq Ft : 20,900 Project Type : SANITATION

Date of Survey : 09-Oct-2007 Landmark Status : NONE

Areas Surveyed :

Block : 1587 Lot : 27 BIN :

CAPITAL

Total

Priority

Total

EXPENSE

Total

Priority

Total



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

DEPARTMENT OF SANITATION - 827 E. 91ST MARINE TRANSFER STATION BARGE DOCKS

Piers	Curre	nt Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Deck							
Under Construction	100%						D
Firewalls							
Under Construction	100%						D
Pile Caps							
Under Construction	100%						D
Piles and Bracing							
Under Construction	100%						D
Fender							
Facing							
Under Construction	100%						D
Piles							
Under Construction	100%						D
Deck Elements			•	_	•		
Railing							
Under Construction	100%						D

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

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 04-Jun-2008 Landmark Status : NONE

Areas Surveyed :

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers	\$113,200	
Total	\$113,200	
Priority B	\$113,200	
Total	\$113,200	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$67,100		\$1,700	
Total	\$67,100		\$1,700	
Priority A	\$62,800			
Priority B	\$4,300		\$1,700	
Total	\$67,100		\$1,700	



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 FRESH KILLS, PLANT #1 MOORING DOCK & CATWALK-EAST

Asset #: 4153

% of Fail Date Total (Years)	e Estimated Cost	Year	Estimated Cost	Cyclo		
		FY	Estimated Cost	(Yrs)	Estimated Cost	Priority Code
		LIFE 100%	* *	5	\$400	A
10% 4+ Rotting/Splitting, Ex	\$11,000 xtent : Moderate, Ar	LIFE ea Affecte	* * ed : 50%	5	\$800	A
85%		LIFE	* *	5	\$6,400	A
		LIFE ea Affecte	* * ed : 20%	4	\$2,800	A
		LIFE	* *	4	\$10,600	A
5% Now Other Observation, Location: Throug	hout	LIFE	* * d : 100%	4	\$700	A
Expectation: 1 tre	Damage					
		LIFE ea Affecte	* * ed : 40%	4-5	\$1,600	A
Location : Near M	lid-point Of Catwalk		* * d : 100%	4-5	\$400	A
		LIFE	* *	4-5	\$2,800	A
40%				. 0	42,000	D
		2028 ected : 10	**	3-5	\$12,200	В
		2034 100%	**	4	\$1,400	В
		2028 ea Affecte	* * ed : 40%	4	\$2,200	В
20%		2028	* *	4	\$2,900	В
50%						D
50% 50%		2014				B D
	Broken, Extent: Set Location: Throug 10% 4+ Rotting/Splitting, E. Location: Throug 85% 20% 4+ Rotting/Splitting, E. Location: Throug 75% 5% Now Other Observation, Location: Throug Explanation: Fire 20% 4+ Rotting/Splitting, E. Location: Throug 5% Now Other Observation, Location: Near M. Explanation: Bro 35% 40% 5% Corrosion, Extent: Location: Throug 10% Now Broken, Extent: Set Location: Throug 15% 4+ Rotting/Splitting, E. Location: Throug 20% 50%	Broken, Extent: Severe, Area Affected: Location: Throughout 10% 4+ \$11,000 Rotting/Splitting, Extent: Moderate, Ar Location: Throughout 85% 20% 4+ \$10,200 Rotting/Splitting, Extent: Moderate, Ar Location: Throughout 75% 5% Now \$5,100 Other Observation, Extent: Severe, Are Location: Throughout Explanation: Fire Damage 20% 4+ \$19,300 Rotting/Splitting, Extent: Moderate, Ar Location: Throughout 5% Now \$8,000 Other Observation, Extent: Severe, Are Location: Near Mid-point Of Catwalk Explanation: Broken-firedamage 35% 40% 5% Corrosion, Extent: Moderate, Area Affected: Location: Throughout 10% Now \$45,300 Broken, Extent: Severe, Area Affected: Location: Throughout 15% 4+ \$67,900 Rotting/Splitting, Extent: Moderate, Ar Location: Throughout 20% 50%	Broken, Extent: Severe, Area Affected: 100% Location: Throughout 10% 4+ \$11,000 LIFE Rotting/Splitting, Extent: Moderate, Area Affected Location: Throughout 85% LIFE 20% 4+ \$10,200 LIFE Rotting/Splitting, Extent: Moderate, Area Affected Location: Throughout 75% LIFE 5% Now \$5,100 LIFE Other Observation, Extent: Severe, Area Affected Location: Throughout Explanation: Fire Damage 20% 4+ \$19,300 LIFE Rotting/Splitting, Extent: Moderate, Area Affected Location: Throughout 5% Now \$8,000 LIFE Rotting/Splitting, Extent: Severe, Area Affected Location: Near Mid-point Of Catwalk Explanation: Broken-firedamage 35% LIFE 40% 5% 2028 Corrosion, Extent: Moderate, Area Affected: 10 Location: Throughout 10% Now \$45,300 2034 Broken, Extent: Severe, Area Affected: 100% Location: Throughout 15% 4+ \$67,900 2028 Rotting/Splitting, Extent: Moderate, Area Affected Location: Throughout 20% 2028 50%	Broken, Extent: Severe, Area Affected: 100% Location: Throughout 10% 4+ \$11,000 LIFE ** Rotting/Splitting, Extent: Moderate, Area Affected: 50% Location: Throughout 85% LIFE ** 20% 4+ \$10,200 LIFE ** Rotting/Splitting, Extent: Moderate, Area Affected: 20% Location: Throughout 75% LIFE ** Other Observation, Extent: Severe, Area Affected: 100% Location: Throughout Explanation: Fire Damage 20% 4+ \$19,300 LIFE ** Rotting/Splitting, Extent: Moderate, Area Affected: 40% Location: Throughout 5% Now \$8,000 LIFE ** Rotting/Splitting, Extent: Severe, Area Affected: 40% Location: Throughout 5% Now \$8,000 LIFE ** Cother Observation, Extent: Severe, Area Affected: 100% Location: Near Mid-point Of Catwalk Explanation: Broken-firedamage 35% LIFE ** 40% Corrosion, Extent: Moderate, Area Affected: 10% Location: Throughout 10% Now \$45,300 2034 ** Broken, Extent: Severe, Area Affected: 100% Location: Throughout 10% Now \$45,300 2034 ** Rotting/Splitting, Extent: Moderate, Area Affected: 40% Location: Throughout 15% 4+ \$67,900 2028 ** Rotting/Splitting, Extent: Moderate, Area Affected: 40% Location: Throughout 20% 2028 ** Some	Broken, Extent : Severe, Area Affected : 100% Location : Throughout	Broken, Extent : Severe, Area Affected : 100% Location : Throughout

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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, PLANT #1 MOORING DOCK & CATWALK-EAST

Piers	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 Code
Deck Elements							
Coping/Curb							
Timber	10% 4+	\$4,300	LIFE	* *			В
	Rotting/Splitting, Ex.	tent : Moderate, Ar	ea Affect	ed : 50%			
	Location : Through	nout					
Timber	90%		LIFE	* *			В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 04-Jun-2008 Landmark Status : NONE

Areas Surveyed :

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers	\$344,000	
Total	\$344,000	
Priority B	\$344,000	
Total	\$344,000	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$77,900		\$6,300	\$1,300
Total	\$77,900		\$6,300	\$1,300
Priority A	\$67,400			
Priority B	\$10,600		\$6,300	\$1,300
Total	\$77,900		\$6,300	\$1,300



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, PLANT #1 MOORING DOCK & CATWALK-WEST

Asset #: 4154

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 Code
Structural								
Deck	50/	NT	Φ1 2 500	LIEE	* *	~	Φ.σ.ο.	
Timber			\$12,500 ere, Area Affected :	LIFE 100%	<i>4. 4.</i>	5	\$500	A
Timber	10%	4+	\$10,000	LIFE	* *	5	\$1,000	A
		olitting, Ext 1 : Isolated	ent : Moderate, Ard	ea Affect	ed : 50%			
Timber	85%			LIFE	* *	5	\$8,800	A
Pile Caps								
Timber	0.	4+ plitting, Ext a : Isolated	\$14,000 ent : Moderate, Ard	LIFE ea Affect	* * ed : 50%	4	\$3,900	A
Timber	80%			LIFE	* *	4	\$15,500	A
Piles and Bracing								
Timber		_	\$26,400 ent : Moderate, Ard Throughout	LIFE ea Affect	* * ed : 50%	4-5	\$2,200	A
Timber	2%	Now	\$4,400	LIFE	* *	4-5	\$200	A
			re, Area Affected : Throughout	100%				
Timber	28%			LIFE	* *	4-5	\$3,100	A
Not Accessible	50%							D
Fender								
Facing								
Timber		4+ plitting, Ext a : Through	\$40,400 ent : Moderate, Ard out	2028 ea Affect	* * ed : 50%	3	\$4,000	В
No Component	70%							D
Not Accessible	15%							D
Wales and Chocks								
Timber	30%			2028	* *	4	\$11,200	В
No Component	70%							D
Piles								
Steel	5%			2028	* *	3-5	\$14,500	В
Timber			\$53,800 ere, Area Affected :	2034 100%	* *	4	\$1,700	В
			Throughout					
Timber			\$32,300 ent : Moderate, Ard Throughout	2028 ea Affect	* * ed : 50%	4	\$2,600	В
Timber	5%			2028	* *	4	\$900	В
No Component	50%					•	4,30	D
Not Accessible	15%							D

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 FRESH KILLS, PLANT #1 MOORING DOCK & CATWALK-WEST

Piers	Current Repair	r	Futur	e Replacement	Ma	intenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements							
Railing							
Steel	40%		2017	\$175,400			В
	Corrosion, Extent : Light, A	Area Affected	: 20%				
	Location: Throughout						
Timber	5% 4+	\$3,500	2014	\$3,500			В
	Rotting/Splitting, Extent : I	Moderate, Are	a Affect	ed : 50%			
	Location: Throughout						
Timber	55%		2014	\$38,600			В
Coping/Curb							
Timber	20% 4+	\$7,100	LIFE	* *			В
	Rotting/Splitting, Extent : I	Moderate, Are	a Affect	ed : 50%			
	Location: Throughout						
Timber	80%		LIFE	* *			В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 05-Jun-2008 Landmark Status : NONE

Areas Surveyed :

Block : 2685 Lot : 1 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers	\$183,300	
Total	\$183,300	
Priority B	\$183,300	
Total	\$183,300	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$34,300		\$2,100	\$1,300
Total	\$34,300		\$2,100	\$1,300
Priority A	\$23,100			
Priority B	\$11,100		\$2,100	\$1,300
Total	\$34,300		\$2,100	\$1,300



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, PLANT #2 MOORING DK MOORING DOCK & CATWALKS

Piers	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 Code
Structural							
Deck	20/ 17	Φ. σ. ο ο ο	LIDE	* *	_	Φ200	
Timber	2% Now Broken, Extent : Sev Location : Isolated		LIFE 100%	* *	5	\$200	A
Timber	20% 4+ Rotting/Splitting, Ex. Location : Through		LIFE ea Affect	* * ed : 50%	5	\$2,400	A
Timber	78%		LIFE	* *	5	\$9,300	A
Pile Caps							
Not Accessible	100%						D
Piles and Bracing Not Accessible	1000/						D
Fender	100%						D
Facing							
Timber	5% Now Broken, Extent : Seve Location : Isolated		2034 100%	* *	3	\$1,300	В
Timber	10% 2-4	\$85,200	2034	* *	3	\$2,600	В
Timoci	Rotting/Splitting, Ex. Location : Through	tent : Moderate, Ar		ed : 50%	3	Ψ2,000	Ь
Timber	25%		2028	* *	3	\$6,400	В
No Component	50%						D
Not Accessible	10%						D
Wales and Chocks							
No Component	50%						D
Not Accessible	50%						D
Piles	1000/						ъ.
Not Accessible	100%						D
Deck Elements							
Railing Timber	20% Now	\$11.100	2014	\$22,200			В
Timber	Broken, Extent : Sev Location : Isolated			\$22,200			D
Timber	30%		2014	\$33,300			В
No Component	50%			, ,- • •			D
Coping/Curb			LIDD	* *			D
Timber	100%		LIFE	* *			В

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 05-Jun-2008 Landmark Status : NONE

Areas Surveyed :

Block : 5900 Lot : 100 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers	\$1,693,800	\$286,500
Total	\$1,693,800	\$286,500
Priority A	\$476,800	\$137,500
Priority B	\$1,217,000	\$148,900
Total	\$1,693,800	\$286,500

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$40,700		\$7,500	
Total	\$40,700		\$7,500	
Priority A				
Priority B	\$40,700		\$7,500	
Total	\$40,700		\$7,500	



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, WEST MOORING DOCK & CATWALK

Asset #: 4157

Piers	Current Repair	Future Re	eplacement	Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Est		rcle Estimated Cost (rs)	Priority Code
Structural		•	•		•
Deck	20/ 24	45 400 X X	de de	* 44.000	
Timber	2% Now \$ Broken, Extent : Severe, Area A Location : Isolated	45,400 LIFE Affected : 100%	** 4	5 \$1,900	A
Timber	20% 4+ \$1 Rotting/Splitting, Extent: Mod Location: Throughout	36,200 LIFE lerate, Area Affected :		5 \$18,800	A
Timber	78%	LIFE	**	5 \$73,300	A
Pile Caps					
Timber	2% Now \$ Broken, Extent : Severe, Area A Location : Isolated	25,300 LIFE Affected : 100%	** 2	4 \$3,500	A
Timber	20% 4+ \$ Rotting/Splitting, Extent : Mod Location : Throughout	50,600 LIFE lerate, Area Affected :		\$35,200	A
Timber	78%	LIFE	** /	\$137,100	A
Piles and Bracing Timber	5% Now \$ Broken, Extent : Severe, Area . Location : Isolated	99,600 LIFE Affected : 100%	** 4	-5 \$5,000	A
Timber	20% 4+ \$1 Rotting/Splitting, Extent: Mod Location: Throughout	19,600 LIFE lerate, Area Affected :		-5 \$20,000	A
Timber	35%	LIFE	** 4	-5 \$35,100	A
Not Accessible	40%				D
Fender Piles					
Steel	5% Corrosion, Extent : Light, Area Location : Throughout	2028 a Affected : 10%	** 3.	-5 \$157,300	В
Timber	10% Now \$3 Broken, Extent: Severe, Area Location: Throughout	50,800 2034 Affected: 100%	** 2	\$18,700	В
Timber	10% 4+ \$1 Rotting/Splitting, Extent : Mod Location : Throughout	75,400 2028 Jerate, Area Affected :		\$18,700	В
Timber	5%	2028	* * 2	\$9,300	В
No Component	50%				D
Not Accessible	20%				D

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.

Maintenance \$ are aggregated over a 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	Current	Repair	Futur	e Replacement	Ma	intenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements							
Railing							
Timber	2% Now	\$12,700	2014	\$25,400			В
	Broken, Extent : Seve	ere, Area Affected :	100%				
	Location : Isolated						
Timber	8% 2-4	\$40,700	2014	\$101,700			В
	Rotting/Splitting, Ex	tent : Moderate, Ar	ea Affect	ed : 100%			
	Location: Through	nout					
Timber	40%		2014	\$508,400			В
No Component	50%						D
Coping/Curb							
Timber	20% 4+	\$42,700	LIFE	* *			В
	Rotting/Splitting, Ex	tent : Moderate, Ar	ea Affect	ed : 50%			
	Location: Through	nout					
Timber	80%		LIFE	* *			В

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : GANSEVOORT MARINE TRANSFER STA. BARGE DOCKS

Address : GANSEVOORT ST. & HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A

Date of Survey : 20-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 651 Lot : 1 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers	\$1,564,000	\$116,800
Total	\$1,564,000	\$116,800
Priority A	\$385,800	\$49,700
Priority B	\$1,178,100	\$67,100
Total	\$1,564,000	\$116,800

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$89,100			\$11,600
Total	\$89,100			\$11,600
Priority A	\$62,200			
Priority B	\$800			\$11,600
Priority C	\$26,100			
Total	\$89,100			\$11,600



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

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

DEPARTMENT OF SANITATION - 827 GANSEVOORT MARINE TRANSFER STA. BARGE DOCKS

Asset #: 1842

ers	Current Rep	air	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Ex Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
uctural							
Deck							
Concrete	2% Now Broken, Extent: Severe, Location: At Northwes Spalling, Extent: Severe Location: Throughout Surface Wearing/Scaling	st End , Area Affected .	: 50%	* * Affected : 20%	5	\$700	A
	Location: Random						
Concrete	3%		LIFE	* *	5	\$2,000	A
Timber	15% Now Broken, Extent : Severe, Location : Throughout		LIFE 50%	* *	5	\$11,500	A
Timber	15% 4+ Displaced Elements, Ext Location : Throughout		LIFE Area Aff	* * Tected : 50%	5	\$11,500	A
Timber	35%		LIFE	* *	5	\$53,500	A
No Component	30%						D
Pile Caps							
Timber	10%		LIFE	* *	4	\$21,500	Α
Not Accessible	90%						D
Piles and Bracing Timber	5% 4+ Rotting/Splitting, Extent Location : Above Mlw	\$81,100 : Moderate, Are	LIFE ea Affecte	* * ed : 10%	4-5	\$4,100	A
Timber	5%		LIFE	* *	4-5	\$7,600	A
Not Accessible	90%					, , , , , , ,	D
Coping/Curb							
Timber	10% Now Broken, Extent : Severe, Location : Throughout		LIFE 100%	* *			С
Timber	20% 4+ Rotting/Splitting, Extent Location : Throughout	\$17,400 : Moderate, Are	LIFE ea Affecte	* * ed : 50%			С
Timber	70%		LIFE	* *			C

Fender

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

DEPARTMENT OF SANITATION - 827 GANSEVOORT MARINE TRANSFER STA. BARGE DOCKS

Piers	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 Code
Fender							
Facing Timber	50% Now	\$404.400	2038	* *	3	\$24.900	В
Timber	Broken, Extent : Sevent Location : Berthing	Area	100%		3	\$24,800	D
	Missing Part, Extent: Location: Berthing		cted : 10	0%			
	Rotting/Splitting, Exte Location: Berthing	nt : Severe, Area A	Affected :	100%			
Timber	15% 4+	\$148,300	2032	* *	3	\$7,400	В
	Surface Wearing/Scal Location : Through	_	rate, Are	ea Affected : 50%			
Timber	5%		2032	* *	3	\$3,300	В
No Component	30%						D
Wales and Chocks Timber	25% Now Broken, Extent : Seven		2038 100%	* *	4	\$17,100	В
Timber	Location : Throughout 5% 4+	\$15,600	2032	* *	4	\$2.400	В
Timber	3% 4+ Rotting/Splitting, Exte Location : Through	ent : Moderate, Are			4	\$3,400	D
No Component	70%						D
Piles							
Timber	25% Now Broken, Extent : Seven Location : Througho		2038 100%	* *	4	\$7,900	В
Timber	5% 4+ Rotting/Splitting, Exte		2038 ea Affecte	* * ed : 50%	4	\$1,600	В
No Component	70%						D
Deck Elements							
Railing	50/ 4:	Φ <i>C</i> 7 100	2022	¢ (7.100			D
Steel	5% 4+ Corrosion, Extent : M Location : Through		2023 cted : 50	\$67,100 %			В
	Loose Connections, E Location : Through	xtent : Moderate, A	Area Affe	ected : 10%			
No Component	95%						D

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : GREENPOINT MARINE TRANSFER STA. BARGE DOCKS

Address : N. HENRY ST. & NEWTON CREEK

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DOS0007.010 / 1819 Yr Built/Renovated :

Area Sq Ft : 22,248 Project Type : SANITATION

Date of Survey : 31-Mar-2009 Landmark Status : NONE

Areas Surveyed :

Block : 2508 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$40,700			\$8,700
Total	\$40,700			\$8,700
Priority A				
Priority B	\$40,700			\$8,700
Total	\$40,700			\$8,700



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

^{**} 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 Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	Stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck	100/		de de	_	Φ2.400	
Concrete	10%	LIFE		5	\$3,400	A
Timber	25% Surface Wearing/Scalin Location : Walkways '			5	\$19,100	A
No Component	20%					D
Not Accessible	45%					D
Pile Caps	1370					
Concrete	10%	LIFE	* *	5	\$100	A
Timber	20%	LIFE		4	\$28,600	A
	Rotting/Splitting, Exten Location : Isolated Th	t : Light, Area Affected .		·	Ψ 2 0,000	
Not Accessible	70%					D
Piles and Bracing Timber	10% Other Observation, Ext Location : Above Mhv	v Elevation		4-5	\$8,200	A
	Explanation: Checkin	<i>g</i>				
Not Accessible	90%					D
Fender Buffer						
Rubber	5%	2033	* *	4-5	\$1,400	В
No Component	95%					D
Facing						
Timber	38%	2029		3	\$21,800	В
Timber	2% Now Broken, Extent : Severe Location : At North Si	\$28,700 2035 Area Affected : 100% de Of West Face Of Fac		3	\$900	В
No Component	30%					D
Not Accessible	30%					D
Wales and Chocks Not Accessible	100%					D
Piles						
Timber	20% Worn, Extent : Light, A Location : Isolated Ab		* *	4	\$5,500	В
No Component	70%					D
Not Accessible	10%					D
Deck Elements	- · *					· · · · · · · · · · · · · · · · · · ·
Railing						
Steel	20%	2018				В
No Component	80%					D

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

Maintenance \$ are aggregated over a 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

Piers	Curre	nt Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Da Total (Year	ate Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements							
Coping/Curb							
Timber	95%		LIFE	* *			В
Timber	5% 4+	\$6,500	LIFE	* *			В
	Broken, Extent : S	Severe, Area Affected :	2%				
	Location: Isola	ted Throughout					
	Rotting/Splitting,	Extent : Moderate, Ar	ea Affect	ed : 100%			
	Location : Isola	ted Throughout					

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 2014 - 2017	FY 2018 - 2023
Piers	\$73,900	
Total	\$73,900	
Priority B	\$73,900	
Total	\$73,900	

Total	\$12,300	\$23,500	\$2,500
Priority A			
Priority B	\$12,300	\$23,500	\$2,500
	\$12,300	\$23,500	\$2,500



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

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

DEPARTMENT OF SANITATION - 827 HAMILTON AVENUE MTS BARGE DOCKS

Piers		Current F	Repair	Futur	e Replacement Maintenand		aintenance	
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural	•							
Deck								
Concrete	50%			LIFE	* *	5	\$30,600	A
	Cracking, E	xtent : Li	ght, Area Affected .	2%				
	Location :	Through	out					
	Spalling, Ex	tent : Lig	ht, Area Affected :	2%				
	Location :	Through	out					
Not Accessible	50%							D
Pile Caps								
Not Accessible	100%							D
Piles and Bracing								
Not Accessible	100%							D
Coping/Curb								
Timber	100%			LIFE	* *			C
Fender								
Buffer								
Rubber	15%			2028	* *	4-5	\$7,400	В
No Component	85%							D
Facing								
Timber	10%	4+	\$12,300	2028	* *	3	\$7,400	В
			rate, Area Affected	: 20%				
	Location :	Through	out					
Timber	40%			2028	* *	3	\$29,600	В
Not Accessible	50%							D
Wales and Chocks								
Timber	20%			2028	* *	4	\$20,400	В
Not Accessible	80%							D
Piles								
Timber	10%			2028	* *	4	\$4,700	В
Timber	5%	4+	\$73,900	2034	* *	4	\$2,400	В
		_	ent : Moderate, Arc	ea Affect	ed : 50%			
	Location :	Through	out					
Not Accessible	85%							D

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

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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

Priority

Total

EXPENSE

Total

Priority

Total



^{**} 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

Piers	Curren	t Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Fail Dat Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Deck							
Under Construction	100%						D
Deck Surface							
Under Construction	100%						D
Firewalls							
Under Construction	100%						D
Pile Caps							
Under Construction	100%						D
Piles and Bracing							
Under Construction	100%						D
Fender							
Buffer							
Under Construction	100%						D
Facing							
Under Construction	100%						D
Wales and Chocks							
Under Construction	100%						D
Piles							
Under Construction	100%						D

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 19-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 6943 Lot : 30 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers	\$529,800	
Total	\$529,800	
Priority B	\$529,800	
Total	\$529,800	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$12,200			\$10,300
Total	\$12,200			\$10,300
Priority A	\$7,600			
Priority B	\$4,600			\$10,300
Total	\$12,200			\$10,300



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

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

DEPARTMENT OF SANITATION - 827 S.W.BROOKLYN MARINE TRANSFER STA BARGE DOCKS

Piers	Cur	rent Repair	Future Replacement		Maintenance			
System Component Type	/ * * **	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural								
Deck								
Concrete	30%		LIFE	* *	5	\$15,200	A	
	_	nt : Light, Area Affected Coughout Concrete Acce		ays				
Not Accessible	70%						D	
Pile Caps								
Concrete	2%		LIFE	* *	5		A	
Not Accessible	98%						D	
Piles and Bracing								
Not Accessible	100%						D	
Fender								
Facing								
Timber	20% No	w \$192,600	2038	* *	3	\$5,800	В	
		: Severe, Area Affected :						
	Location: Thi	oughout Interior Of Bay	And At	Offshore				
	Missing Part, E.	xtent : Severe, Area Affe	cted : 40	%				
	Location : Thi	roughout Interior Bay Ar	ıd At Offs	shore				
Timber	35% 2-	4 \$337,100	2038	* *	3	\$10,100	В	
	Rotting/Splitting	g, Extent : Moderate, Ar	ea Affecte	ed : 50%		,		
	Location: The							
	Worn, Extent : 1	Moderate, Area Affected	: 40%					
	Location : Spl	ash Zone						
Timber	45%		2032	* *	3	\$17,400	В	
Wales and Chocks						, ,,		
Steel	5%		2032	* *	3-5	\$1,900	В	
2.551		nt : Moderate, Area Affe		0%		41,500	2	
	Location : Spl							
Not Accessible	95%						D	
Deck Elements	2070							
Coping/Curb								
Timber	50%		LIFE	* *			В	
		g, Extent : Light, Area A		5%			•	
		lated Throughout	<i>y</i>					
No Component	50%						D	
	2070							

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

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 31-Jan-2008 Landmark Status : NONE

Areas Surveyed :

Block : 803 Lot : 5 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers	\$726,500	
Total	\$726,500	
Priority A	\$458,300	
Priority B	\$268,200	
Total	\$726,500	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers			\$11,300	
Total			\$11,300	
Priority A				
Priority B			\$11,300	
Total			\$11,300	



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 SANITATION GARAGE BKLYN 10 & 7 TIMBER PILE SUPPORTED PLATFORM

Asset #: 14149

Piers	Current	Repair	Future Replacement		Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
tructural								
Deck Concrete	10% Now Broken, Extent : Sev		LIFE 100%	* *	5	\$1,500	A	
Compresso	Location : Sta.0+3 90% 4+		LIDD	* *		\$12.500	Δ.	
Concrete	90% 4+ Cracking, Extent : M Location : Through		LIFE cted : 20%		5	\$13,500	A	
Pile Caps								
Timber	40% 4+ Rotting/Splitting, Ex Location : Through		LIFE ea Affecte	* * d : 20%	4	\$25,300	A	
Timber	60%		LIFE	* *	4	\$38,000	A	
Piles and Bracing								
Timber	40% 4+ Rotting/Splitting, Ex Location : Through		LIFE ea Affecte	* * d : 20%	4-5	\$14,400	A	
Timber	40%		LIFE	* *	4-5	\$14,400	A	
Not Accessible	20%						D	
ender								
Wales and Chocks Timber	20% Now Broken, Extent : Sev Location : Through		2034 100%	* *	4	\$4,600	В	
Timber	5% 4+	\$10,500	2034	* *	4	\$1,200	В	
Timber	Rotting/Splitting, Ex Location : Through	tent : Severe, Area		100%	7	ψ1,200	Б	
Timber	75%		2028	* *	4	\$17,300	В	
Piles								
Timber	10% Now Broken, Extent : Sev Location : Through		2034 100%	* *	4	\$1,100	В	
Timber	20% 2-4 Rotting/Splitting, Ex Location: Through		2034 ea Affecte	* * d : 50%	4	\$2,100	В	
Timber	50%		2028	* *	4	\$5,300	В	
Not Accessible	20%						D	
eck Elements								
Coping/Curb	6001 G 1	φ1.4 7 .40°		.a			_	
Timber	60% 2-4 Rotting/Splitting, Ex Location : Through		LIFE ea Affecte	* * d : 50%			В	
No Component	40%						D	
110 Component	10/0							

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.

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

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : SOUTH BRONX MARINE TRANSFER STA BARGE DOCKS

Address : HUNTS PT. AVE. & EAST RIVER

Borough : BRONX Agency's Number : N/A

Program / Asset # : DOS0005.010 / 2778 Yr Built/Renovated :

Area Sq Ft : 22,248 Project Type : SANITATION

Date of Survey : 18-Oct-2007 Landmark Status : NONE

Areas Surveyed :

Block : 2781 Lot : 301 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers	\$1,812,500	
Total	\$1,812,500	
Priority A	\$890,800	
Priority B	\$921,700	
Total	\$1,812,500	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers			\$5,900	\$3,300
Total			\$5,900	\$3,300
Priority A				
Priority B			\$5,900	\$3,300
Total			\$5,900	\$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.

DEPARTMENT OF SANITATION - 827 SOUTH BRONX MARINE TRANSFER STA BARGE DOCKS

Piers		Current F	Repair	Future Replacement		Future Replacement Maintenanc		aintenance	е	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Structural										
Deck										
Concrete	5% Cracking, I Location		\$35,700 oderate, Area Affec	LIFE eted : 20%	**	5	\$1,700	A		
Concrete	5%			LIFE	* *	5	\$1,700	A		
Timber	10% Broken, Ex Location		\$110,800 ere, Area Affected : out	LIFE 20%	* *	5	\$7,600	A		
Timber	20% Rotting/Spl Location	_	\$221,700 ent : Moderate, Are out	LIFE ea Affecte	* * ed : 30%	5	\$15,300	A		
Timber	10%			LIFE	* *	5	\$7,600	A		
Not Accessible	50%						, ,	D		
Pile Caps										
Concrete	Location	: Through rt, Extent	: Severe, Area Affe			5	\$100	A		
Concrete	15% Spalling, E. Location		\$50,400 derate, Area Affect out	LIFE ed: 20%	* *	5	\$200	A		
Concrete	10%			LIFE	* *	5	\$100	A		
Timber	10% Broken, Ex Location		\$61,800 ere, Area Affected :	LIFE 30%	* *	4	\$14,300	A		
Timber	15% Rotting/Spl Location	_	\$92,700 ent : Moderate, Ard out	LIFE ea Affecte	* * ed : 30%	4	\$21,500	A		
Timber	15%			LIFE	* *	4	\$21,500	A		
Not Accessible	25%							D		

Maintenance \$ are aggregated over a 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 MARINE TRANSFER STA BARGE DOCKS

Asset #: 2778

Piers	С	urrent R	epair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
tructural								
Piles and Bracing	604	2.4	Φ.C2 .000	LIDE	ale ale	~	Φ2.500	
Concrete		Througho		LIFE Area Affe	* * cted : 20%	5	\$3,500	A
Concrete	4%			LIFE	* *	5	\$2,300	A
Steel	Corrosion, Ex		\$90,600 evere, Area Affecte one And Below	LIFE ed: 20%	* *	5	\$16,800	A
Steel	4%			LIFE	* *	5	\$11,200	A
Timber	8% 1	Now	\$129,700	LIFE	* *	4-5	\$6,500	A
	Broken, Exter Location : I		re, Area Affected :	20%				
Timber	2%			LIFE	* *	4-5	\$1,600	A
Not Accessible	70%							D
ender								
Facing								
Timber	Broken, Exter Location : T	Througho Extent :	Severe, Area Affe		**	3	\$5,000	В
Timber	10%	4+	\$98,900	2028	* *	3	¢£ 000	В
Timber		ing, Exte	\$98,900 ent : Moderate, Arc			3	\$5,000	Б
Timber	15%			2028	* *	3	\$7,400	В
No Component	35%						. ,	D
Not Accessible	30%							D
Wales and Chocks								
Timber			\$374,300 re, Area Affected : out	2034 50%	* *	4	\$41,000	В
Timber		_	\$112,300 ent : Moderate, Ard out	2028 ea Affect	* * ed : 30%	4	\$20,500	В
Timber	10%			2028	* *	4	\$6,800	В
Piles								
Timber			\$178,000 re, Area Affected : out	2028 30%	* *	4	\$9,500	В
Timber		-	\$59,300 ent : Moderate, Arc out	2028 ea Affect	* * ed : 20%	4	\$3,200	В

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

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : W. 135TH MARINE TRANSFER STATION BARGE DOCKS

Address : 135TH ST & HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOS0002.010 / 1841 Yr Built/Renovated :

Area Sq Ft : 22,248 Project Type : SANITATION

Date of Survey : 30-Oct-2007 Landmark Status : NONE

Areas Surveyed :

Block : 2101 Lot : 120 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers	\$255,900	\$61,200
Total	\$255,900	\$61,200
Priority A	\$123,600	\$61,200
Priority B	\$132,300	
Total	\$255,900	\$61,200

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$9,900		\$9,700	\$800
Total	\$9,900		\$9,700	\$800
Priority A				
Priority B	\$9,900		\$9,700	\$800
Total	\$9,900		\$9,700	\$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 W. 135TH MARINE TRANSFER STATION BARGE DOCKS

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 Code
Structural				•				•
Deck								
Concrete	10%			LIFE	* *	5	\$3,400	A
Timber	80%			LIFE	* *	5	\$61,200	A
			ling, Extent : Light	, Area Aj	ffected : 20%			
	Location	ı : Through	out					
No Component	10%							D
Pile Caps								
Timber	20%	4+	\$123,600	LIFE	* *	4	\$28,600	A
		_	ent : Light, Area A	ffected : .	5%			
	Location	ı : Random						
Not Accessible	80%							D
Piles and Bracing								
Timber	15%			LIFE	* *	4-5	\$12,200	A
Not Accessible	85%							D
Fender								
Facing								
Timber	55%			2028	* *	3	\$27,200	В
Timber	5%		\$82,400	2034	* *	3	\$2,500	В
			ere, Area Affected :	100%				
	Location	ı : Through	out					
No Component	20%							D
Not Accessible	20%							D
Wales and Chocks								
Timber	20%	4+	\$49,900	2034	* *	4	\$13,700	В
		_	ent : Light, Area A	ffected :	10%			
	Location	ı : Random						
Not Accessible	80%							D
Piles								
Timber	4%			2028	* *	4	\$1,300	В
Timber	1%		\$9,900	2034	* *	4	\$300	В
			ere, Area Affected :	100%				
	Location	ı : Through	out					
No Component	95%							D

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

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : W. 59TH ST. MARINE TRANSFER STA. W. 59TH STREET, NORTH PIER

Address : 59TH ST. & HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOS0004.010 / 1843 Yr Built/Renovated :

Area Sq Ft : 49,400 Project Type : SANITATION

Date of Survey : 20-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 1109 Lot : 99 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers	\$633,200	\$49,000
Total	\$633,200	\$49,000
Priority A	\$92,000	\$49,000
Priority B	\$541,200	
Total	\$633,200	\$49,000

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$75,300		\$18,200	\$14,700
Total	\$75,300		\$18,200	\$14,700
Priority A	\$69,900			
Priority B	\$5,300		\$18,200	\$14,700
Total	\$75,300		\$18,200	\$14,700



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

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

DEPARTMENT OF SANITATION - 827 W. 59TH ST. MARINE TRANSFER STA. W. 59TH STREET, NORTH PIER

Piers		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 Code
Structural								
Deck								
Concrete	65%			LIFE	* *	5	\$97,900	A
Steel	2%	Now	\$41,000	2028	**	5	\$3,400	Α
			Extent : Severe, Are		d: 100%			
			st Corner And Sout	n Ena				
			ing Element				** 400	
Steel	2%	0-2	\$2,100	2024	**	5	\$3,400	Α
			Extent : Moderate, A	Area Affe	cted : 50%			
		: Through						
-		tion : Loos	e Connection					
Steel	1%			2024	* *	5	\$3,400	A
No Component	30%							D
Pile Caps	~ ~				de de	_	Φ200	
Concrete	5%		422 000	LIFE	* *	5	\$300	A
Timber	1%	4+	\$22,900	LIFE	**	4	\$3,200	A
		_	tent : Moderate, Ar	ea Affect	ed : 5%			
		: Through	out					
Timber	4%			LIFE	* *	4	\$19,100	A
Not Accessible	90%							D
Piles and Bracing								
Steel	5%			LIFE	* *	5	\$62,100	A
			ight, Area Affected	: 5%				
		: Splash Z	Cone					
Timber	5%			LIFE	* *	4-5	\$16,900	A
			ent : Light, Area A	ffected : .	10%			
	Location	: Through	out					
Not Accessible	90%							D
Fender								
Buffer								
Rubber	60%			2032	* *	4-5	\$21,300	В
No Component	40%							D
Facing						_		
Timber	10%	2-4	\$106,600	2038	* *	3	\$5,300	В
		_	ling, Extent : Sever	e, Area A	Affected : 25%			
	Location	: South Er	ıd					
Timber	30%			2032	* *	3	\$21,300	В
No Component	50%							D
Not Accessible	10%							D

Maintenance \$ are aggregated over a 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. 59TH ST. MARINE TRANSFER STA. W. 59TH STREET, NORTH PIER

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 Code
Fender								
Wales and Chocks								
Timber	20%		\$134,500	2038	* *	4	\$14,700	В
	Missing P	art, Extent	: Severe, Area Affe	cted : 10	00%			
	Location	ı : Ne Corn	er, Se Corner, Stat	ion 6+00	0 - 6+20 From Ne	Corner		
Timber	5%	0-2	\$33,600	2038	* *	4	\$3,700	В
	Rotting/S _I	olitting, Ext	ent : Severe, Area 1	Affected	: 75%			
	Location	ı : Station 6	520 - 680 From Noi	rtheast C	Corner			
Timber	25%			2032	* *	4	\$18,400	В
Not Accessible	50%						. ,	D
Piles								
Timber	25%	Now	\$266,500	2038	* *	4	\$8,500	В
	Broken, E	xtent : Seve	ere, Area Affected :	100%				
	Location	ı : Ne Corn	er					
	Missing P	art, Extent	: Severe, Area Affe	cted : 10	00%			
	_	ı : West End						
Timber	35%			2032	* *	4	\$11,900	В
Not Accessible	40%						, ,	D
Deck Elements								
Railing								
Steel	80%			2021				В
No Component	20%							D
Coping/Curb								
Timber	90%			LIFE	* *			В
No Component	10%							D

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : W. 59TH ST. MTS W. 59TH ST. SOUTH PIER

Address : W. 59TH ST. & 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 : 20-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 1109 Lot : 25 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers	\$123,200	
Total	\$123,200	
Priority B	\$123,200	
Total	\$123,200	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$15,800		\$14,300	\$6,100
Total	\$15,800		\$14,300	\$6,100
Priority A	\$12,400			
Priority B	\$3,400		\$14,300	\$6,100
Total	\$15,800		\$14,300	\$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.

DEPARTMENT OF SANITATION - 827 W. 59TH ST. MTS W. 59TH ST. SOUTH PIER

Asset #: 2857

Piers	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck	4007	LIEE	* *	~	ΦΩ ΩΩΩ	
Concrete	40% Cracking, Extent : Light, Area Affec Location : Throughout Surface Wearing/Scaling, Extent : L			5	\$9,800	A
	Location : Throughout					
Steel Steel	3% 2% 0-2 \$30 Other Observation, Extent : Modera Location : Throughout Explanation : Loose Connection		* * * * sed : 50%	5 5	\$1,600 \$500	A A
Not Accessible	55%					D
Pile Caps Concrete Not Accessible	10% 90%	LIFE	* *	5	\$100	A D
Piles and Bracing	,,,,					
Steel	5% Corrosion, Extent : Light, Area Affe Location : Splash Zone	LIFE ected : 20%	**	5	\$10,100	A
Timber	5%	LIFE	* *	4-5	\$2,700	A
Not Accessible	90%				. ,	D
Gender						
Buffer Rubber	45%	2032	* *	4-5	\$7,600	В
No Component	55%					D
Facing Timber	40% Surface Wearing/Scaling, Extent : L Location : Throughout	2032 .ight, Area Affe	* * ected : 50%	3	\$13,400	В
No Component	50%					D
Not Accessible	10%					D
Wales and Chocks Timber	15% Now \$47,60 Broken, Extent : Severe, Area Affect Location : South end		* *	4	\$5,200	В
Timber Not Accessible	55% 30%	2032	* *	4	\$19,100	B D
Piles	3070					<u> </u>
Timber	15% Now \$75,50 Broken, Extent : Severe, Area Affect Location : Throughout		* *	4	\$2,400	В
	Rotting/Splitting, Extent : Severe, A. Location : Throughout	rea Affected : 5	50%			
Timber Not Accessible	45% 40%	2032	* *	4	\$7,200	B D

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 W. 59TH ST. MTS W. 59TH ST. SOUTH PIER

Asset #: 2857

Piers	Current Repa	ir Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Deck Elements Coping/Curb					
Timber	100%	LIFE	* *		В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BULKHEAD

Address : 91ST ST. & EAST RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOS000B.MH1 / 1827 Yr Built/Renovated :

Linear Ft : 257 Project Type : SANITATION

Date of Survey : 09-Oct-2007 Landmark Status : NONE

Areas Surveyed

Block : 1587 Lot : 27 BIN :

CAPITAL			
Total			
Priority			
Total			

EXPENSE

Total

Priority

Total



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

DEPARTMENT OF SANITATION - 827 BULKHEAD

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 Code
Structural								
Relieving Platform Top								
Under Construction	100%							D
Piles and Bracing								
Under Construction	100%							D
Backfill								
Fill								
Under Construction	100%							D
Surface								
Under Construction	100%							D
Fender								
Facing								
Under Construction	100%							D

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 12-Nov-2007 Landmark Status : NONE

Areas Surveyed :

Block : 2101 Lot : 120 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bulkheads	\$36,000	
Total	\$36,000	
Priority A	\$36,000	
Total	\$36,000	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
	1 1 2014		11 2010	1 1 2017
Bulkheads		\$900		
Total		\$900		
Priority A				
Priority B		\$900		
Priority C				
Total		\$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.

DEPARTMENT OF SANITATION - 827 BULKHEAD

Bulkheads	Current Repair	Future Repl	Future Replacement		Maintenance	
system Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estim	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
tructural						
Gravity Wall						
Concrete	5%	LIFE	**	5		Α
	Other Observation, Extent: Light,	Area Affected: 100%	<i>o</i>			
	Location: At South End					
	Explanation : Gravity Wall At So	outh End				
No Component	95%					D
Revetment						
Stone	70%	LIFE	* *	5	\$800	C
No Component	30%					D
Sheet Piles						
Steel	65%	LIFE	* *			Α
Steel	30% 4+ \$36,0		* *			Α
	Corrosion, Extent : Moderate, Are Location : Splash Zone	a Affected : 50%				
No Component	5%					D
Pile Caps						
Concrete	100%	LIFE	* *	5	\$500	A
ackfill						
Fill						
Topsoil	10%	2047	* *	10		В
Not Accessible	90%					D
Surface						
Brick Pavers	90%	2035	* *	5	\$1,900	В
	Surface Wearing/Scaling, Extent:	Light, Area Affected	: 20%			
	Location: Throughout					
	Other Observation, Extent: Light,	Area Affected: 20%				
	Location : Behind Steel Sheet Pil	le Wall				
	Explanation: Settlement					
No Component	10%					D

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BULKHEAD

Address : GANESVOORT ST. & HUDSON RIVER

Program / Asset # : DOS000B.MH3 / 1829 Yr Built/Renovated :

Linear Ft : 450 Project Type : SANITATION

Date of Survey : 20-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 651 Lot : 1 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bulkheads	\$462,400	
Total	\$462,400	
Priority A	\$305,300	
Priority B	\$120,600	
Priority C	\$36,600	
Total	\$462,400	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$21,600			\$200
Total	\$21,600			\$200
Priority A	\$300			
Priority B	\$21,100			\$200
Priority C	\$200			
Total	\$21,600			\$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 BULKHEAD

Asset #: 1829

Bulkheads	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Relieving Platform Top	250/ N	00 TIEE **	-	\$500	
Concrete	35% Now \$242,8' Settlement, Extent : Severe, Area Af Location : South End Of Bulkhead	fected : 100%	5	\$500	A
Concrete	30% 4+ \$62,4 Exposed Reinforcement, Extent : Se Location : North End Of Bulkhead Spalling, Extent : Moderate, Area A	vere, Area Affected : 10% l	5	\$400	A
	Location : Throughout				
Concrete	25%	LIFE **	5-10	\$700	Α
Not Accessible	10%				D
Coping/Curb			_		
Concrete	20% Now \$28,10 Broken, Extent: Severe, Area Affect Location: Throughout Missing Part, Extent: Severe, Area Location: Throughout	ted : 100%	5	\$100	С
Concrete	20% 4+ \$8,4 Spalling, Extent : Moderate, Area A Location : Throughout		5	\$100	С
Concrete	60%	LIFE **	5-10	\$400	С
Piles and Bracing					
Not Accessible	100%				D
Backfill Fill					
Not Accessible	100%				D
Surface Asphalt	5% 4+ \$1,9 Cracking, Extent: Moderate, Area Location: Throughout		5	\$100	В
Asphalt	10%	2032 **	5	\$400	В
Cobblestone	30% Now \$75,4 Other Observation, Extent: Severe, Location: Throughout Explanation: Missing/ Broken	00 2043 **	5	\$800	В
Cobblestone	30% 4+ \$45,2 Settlement, Extent : Severe, Area Af Location : Throughout		5	\$800	В
Cobblestone	10%	2043 **	5	\$600	В
Concrete	10% Now \$14,8' Broken, Extent : Severe, Area Affect Location : Throughout		5	\$200	В
Concrete	5% 4+ \$4,4 Cracking, Extent : Moderate, Area L Location : Throughout		5	\$100	В

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

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BULKHEAD

Address : 59TH ST. & HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOS000B.MH4 / 1830 Yr Built/Renovated :

Linear Ft : 250 Project Type : SANITATION

Date of Survey : 20-Mar-2012 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bulkheads	\$133,800	
Total	\$133,800	
Priority A	\$57,800	
Priority B	\$76,000	
Total	\$133,800	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$28,700			\$27,300
Total	\$28,700			\$27,300
Priority A	\$5,100			
Priority B	\$23,600			\$27,300
Total	\$28,700			\$27,300



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 BULKHEAD

Asset #: 1830

Bulkheads	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Relieving Platform Top						
Concrete	75% 4+ \$57,800	LIFE	* *	5	\$600	A
	Cracking, Extent: Light, Area Affected	: 5%				
	Location: Throughout	100/				
	Erosion, Extent : Light, Area Affected :	10%				
	Location : In Tidal Zone					
No Component	25%					D
	Other Observation, Extent : Light, Area	ı Affected : 0%				
	Location:					
	Explanation: No Component At Pier	Location.				
Piles and Bracing	1000/					Ъ
Not Accessible	100%	- ACC4-1 - OO/				D
	Other Observation, Extent : Light, Area Location :	і Ајјестеа : 0%				
	Explanation : Relieving Platform Pile	is Undampatar An	d Inaccess	ibla		
Lowlevel Pile Caps	Explanation . Retieving I taijorm I to	s Onderwater And	a muccess	ivie.		
Timber	5% 4+ \$5,100	LIFE	* *			A
Timoci	Rotting/Splitting, Extent : Light, Area A					Λ
	Location: Throughout	9,700,70				
Not Accessible	95%					D
Backfill	7370					D
Fill						
Not Accessible	100%					D
Surface						
Asphalt	75%	2032	* *	5	\$1,800	В
r	Other Observation, Extent : Light, Area	Affected: 15%			, ,	
	Location : Throughout					
	Explanation: Minor Cracking					
Concrete	25%	2032	* *	5	\$600	В
	Surface Wearing/Scaling, Extent : Ligh		15%	-	,	
	Location : Throughout	-				

Fender

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

DEPARTMENT OF SANITATION - 827 BULKHEAD

Bulkheads	Current Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender						
Piles						
Timber	55% Now \$23,600 Broken, Extent : Severe, Area Affected : 5 Location : Above Mlw	2038 50%	* *	4	\$2,700	В
	Missing Pile, Extent: Severe, Area Affect	ed : 10%				
	Location: Throughout					
	Rotting/Splitting, Extent : Severe, Area Aj Location : Above Mlw	ffected : 25%				
No Component	25%					D
	Other Observation, Extent : Light, Area A Location :	Affected : 0%				
	Explanation: No Component At Pier Lo	ocation.				
Not Accessible	20% Other Observation, Extent : Light, Area A Location :	Affected : 0%				D
	Explanation: Not Accessible Below Wa	itar				
Wales and Chocks	Explanation . Not Accessible below wa	<i>iei</i> .				
Timber	75% Now \$76,000 Broken, Extent : Severe, Area Affected : 5 Location : Throughout	2038 50%	* *	4	\$8,300	В
	Missing Part, Extent : Severe, Area Affect Location : Throughout	ted : 50%				
No Component	25% Other Observation, Extent: Light, Area A Location:	Affected : 0%				D
	Explanation: No Component At Pier Lo	ocation.				
Deck Elements						
Railing						
Timber	75%	2017	\$26,200			В
No Component	25% Other Observation, Extent : Light, Area A Location :	Affected : 0%				D
	Explanation : No Component At Pier Lo	ocation.				

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : BULKHEAD, PIER 97

Address : HUDSON RIVER, WEST 57TH STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBS0025.027 / 4159 Yr Built/Renovated : 1900 /

Linear Ft : 451 Project Type : SANITATION

Date of Survey : 14-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : 1109 Lot : 26 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bulkheads	\$49,700	\$98,300
Total	\$49,700	\$98,300
Priority A	\$49,700	
Priority B		\$98,300
Total	\$49,700	\$98,300

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$38,900		\$28,300	
Total	\$38,900		\$28,300	
Priority A	\$24,700			
Priority B	\$14,200		\$28,300	
Priority C				
Total	\$38,900		\$28,300	



 $[\]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 BULKHEAD, PIER 97

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 Code
Structural								
Coping/Curb								
Timber	25%			LIFE	* *	5	\$100	C
No Component	75%							D
Gravity Wall								
Concrete	15%	4+	\$49,700	LIFE	* *	5	\$200	A
	_		ght, Area Affected .	10%				
		: Through						
			ere, Area Affected .					
	Location	: Along Le	ength Of Bow Notes	n In Tida	l Zone			
Stone	44%			LIFE	* *	5	\$13,800	A
Stone	6%	4+	\$24,700	LIFE	* *	5	\$1,900	A
			ere, Area Affected :	30%				
			!+65 (from North)					
			Extent : Moderate,	Area Afj	fected : 25%			
		: Station (
	_		Extent : Light, Area	Affected	l : 100%			
	Location	: Through	out					
Not Accessible	35%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Stone	10%			2035	* *	10		В
Under Construction	90%							D
Deck Elements								
Railing								
Steel	25%			2021	\$98,300			В
Timber	45%	Now	\$14,200	2016	\$28,300			В
	Other Observation, Extent : Severe, Area Affected : 50%							
			0 To 0+20 And 1+2					
		tion : Top I	Rail Broken In Con	struction	Site			
No Component	30%							D

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : DOS SANITATION GARAGE GRAVITY / TIMBER SHEET PILE WALL

Address : 52ND ST. & GOWANUS BAY FOOT OF CONCRETE PIER

Borough : BROOKLYN Agency's Number : N/A

Linear Ft : 585 Project Type : SANITATION

Date of Survey : 05-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : 803 Lot : 5 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bulkheads	\$267,300	
Total	\$267,300	
Priority A	\$231,200	
Priority B	\$36,100	
Total	\$267,300	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$17,500			\$300
Total	\$17,500			\$300
Priority A				
Priority B	\$17,300			\$300
Priority C	\$300			
Total	\$17,500			\$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

Asset #: 1821

Cracking, Extent: Severe, Area Affected: 40% Location: Throughout Missing Part, Extent: Severe, Area Affected: 20% Location: Above Tidal Zone Spalling, Extent: Severe, Area Affected: 50% Location: In Tidal Zone No Component Not Accessible 10% Revetment Stone 10% Settlement, Extent: Light, Area Affected: 20% Location: Near Top Of Slope No Component Sheet Piles Timber, 10' Water 30% 4+ \$59,200 LIFE ** 4 \$2,700 Location: Throughout Rotting/Splitting, Extent: Light, Area Affected: 25% Location: Throughout Rotting/Splitting, Extent: Light, Area Affected: 25% Location: Above Mean Low Water Elevation No Component Not Accessible 30% Wales Not Accessible 100% Stackfill Fill Topsoil 10% Now \$11,500 2063 ** Other Observation, Extent: Severe, Area Affected: 100% Location: Inshore Of Graw Wall And Along Timber Bulkhead, Sta.0+00 To Sta. 0+10 And Sta. 0+45 To Sta. 1+00 Explanation: Sinkholes Not Accessible 90% Surface		aintenance	Ma	ent	re Replacement	Futur	epair	Current R	Bulkheads
Concrete	Priorit Co	Estimated Cost	-	Cost	Estimated Cos		Estimated Cost		Component
Concrete									ructural
Cracking, Extent : Severe, Area Affected : 40% Location : Throughout									•
No Component Not Accessible	A	\$400	5	* *		: 40% cted : 20	ere, Area Affected ut Severe, Area Affed lal Zone re, Area Affected .	king, Extent: Se cation: Through ing Part, Extent: cation: Above Ti ing, Extent: Sev	Cr 1 M. 1 Sp
Not Accessible 10% Revetment Stone 10% LIFE * * * 5 \$600	D								_
Revetment Stone	D D								
No Component Sheet Piles Timber, 10' Water 30%	<u>D</u>							1070	
Sheet Piles Timber, 10' Water 30% 4+ \$59,200 LIFE ** 4 \$2,700 Displaced Elements, Extent: Light, Area Affected: 100% Location: Throughout Rotting/Splitting, Extent: Light, Area Affected: 25% Location: Above Mean Low Water Elevation No Component Not Accessible 30% Wales Not Accessible 100% 10% Now \$11,500 2063 ** Other Observation, Extent: Severe, Area Affected: 100% Location: Inshore Of Grav Wall And Along Timber Bulkhead, Sta.0+00 To Sta. 0+10 And Sta. 0+45 To Sta. 1+00 Explanation: Sinkholes Not Accessible Surface Asphalt 50% Now \$24,100 2038 ** 5 \$1,400 Settlement, Extent: Severe, Area Affected: 100% Location: Sinkholes At Inshore Of Grav. Wall And Along Timber Bulkhead	С	\$600	5	* *	* *			ement, Extent : L	Stone Se
Timber, 10' Water 30% 4+ \$59,200 LIFE ** 4 \$2,700 Displaced Elements, Extent: Light, Area Affected: 100% Location: Throughout Rotting/Splitting, Extent: Light, Area Affected: 25% Location: Above Mean Low Water Elevation No Component Not Accessible 30% Wales Not Accessible 100% ackfill Fill Topsoil 10% Now \$11,500 2063 ** Other Observation, Extent: Severe, Area Affected: 100% Location: Inshore Of Grav Wall And Along Timber Bulkhead, Sta.0+00 To Sta. 0+10 And Sta. 0+45 To Sta. 1+00 Explanation: Sinkholes Not Accessible 90% Surface Asphalt 50% Now \$24,100 2038 ** 5 \$1,400 Settlement, Extent: Severe, Area Affected: 100% Location: Sinkholes At Inshore Of Grav. Wall And Along Timber Bulkhead	D							90%	No Component
Displaced Elements, Extent: Light, Area Affected: 100% Location: Throughout Rotting/Splitting, Extent: Light, Area Affected: 25% Location: Above Mean Low Water Elevation No Component Not Accessible 30% Wales Not Accessible 100% ackfill Fill Topsoil 10% Now \$11,500 2063 ** Other Observation, Extent: Severe, Area Affected: 100% Location: Inshore Of Grav Wall And Along Timber Bulkhead, Sta.0+00 To Sta. 0+10 And Sta. 0+45 To Sta. 1+00 Explanation: Sinkholes Not Accessible Surface Asphalt 50% Now \$24,100 2038 ** 5 \$1,400 Settlement, Extent: Severe, Area Affected: 100% Location: Sinkholes At Inshore Of Grav. Wall And Along Timber Bulkhead									Sheet Piles
Not Accessible 30%	A	\$2,700	4	* *	ed : 100%	Affected	xtent : Light, Ared ut nt : Light, Area Af	laced Elements, I cation : Througho ng/Splitting, Exte	Di 1 Ro
Not Accessible 30% Wales Not Accessible 100% ackfill Fill Topsoil 10% Now \$11,500 2063 ** Other Observation, Extent: Severe, Area Affected: 100% Location: Inshore Of Grav Wall And Along Timber Bulkhead, Sta.0+00 To Sta. 0+10 And Sta. 0+45 To Sta. 1+00 Explanation: Sinkholes Not Accessible 90% Surface Asphalt 50% Now \$24,100 2038 ** 5 \$1,400 Settlement, Extent: Severe, Area Affected: 100% Location: Sinkholes At Inshore Of Grav. Wall And Along Timber Bulkhead	D							40%	No Component —
Not Accessible ackfill Fill Topsoil 10% Now \$11,500 2063 ** Other Observation, Extent: Severe, Area Affected: 100% Location: Inshore Of Grav Wall And Along Timber Bulkhead, Sta.0+00 To Sta. 0+10 And Sta. 0+45 To Sta. 1+00 Explanation: Sinkholes Not Accessible Not Accessible Surface Asphalt 50% Now \$24,100 2038 ** 5 \$1,400 Settlement, Extent: Severe, Area Affected: 100% Location: Sinkholes At Inshore Of Grav. Wall And Along Timber Bulkhead	D								
Topsoil Topsoil 10% Now \$11,500 2063 ** Other Observation, Extent: Severe, Area Affected: 100% Location: Inshore Of Grav Wall And Along Timber Bulkhead, Sta.0+00 To Sta. 0+10 And Sta. 0+45 To Sta. 1+00 Explanation: Sinkholes Not Accessible 90% Surface Asphalt 50% Now \$24,100 2038 ** 5 \$1,400 Settlement, Extent: Severe, Area Affected: 100% Location: Sinkholes At Inshore Of Grav. Wall And Along Timber Bulkhead									Wales
Fill Topsoil 10% Now \$11,500 2063 ** Other Observation, Extent: Severe, Area Affected: 100% Location: Inshore Of Grav Wall And Along Timber Bulkhead, Sta.0+00 To Sta. 0+10 And Sta. 0+45 To Sta. 1+00 Explanation: Sinkholes Not Accessible 90% Surface Asphalt 50% Now \$24,100 2038 ** 5 \$1,400 Settlement, Extent: Severe, Area Affected: 100% Location: Sinkholes At Inshore Of Grav. Wall And Along Timber Bulkhead	D							00%	Not Accessible
Other Observation, Extent: Severe, Area Affected: 100% Location: Inshore Of Grav Wall And Along Timber Bulkhead, Sta.0+00 To Sta. 0+10 And Sta. 0+45 To Sta. 1+00 Explanation: Sinkholes Not Accessible Surface Asphalt 50% Now \$24,100 2038 ** 5 \$1,400 Settlement, Extent: Severe, Area Affected: 100% Location: Sinkholes At Inshore Of Grav. Wall And Along Timber Bulkhead									
Surface Asphalt 50% Now \$24,100 2038 ** 5 \$1,400 Settlement, Extent: Severe, Area Affected: 100% Location: Sinkholes At Inshore Of Grav. Wall And Along Timber Bulkhead	В	o Sta. 0+10 And	.0+00 Ta		ed : 100%	ı Affecte	tent : Severe, Ared f Grav Wall And A 00	r Observation, E. cation : Inshore (0+45 To Sta. 1-	Ot L S
Asphalt 50% Now \$24,100 2038 ** 5 \$1,400 Settlement, Extent: Severe, Area Affected: 100% Location: Sinkholes At Inshore Of Grav. Wall And Along Timber Bulkhead	D							90%	Not Accessible
Settlement, Extent: Severe, Area Affected: 100% Location: Sinkholes At Inshore Of Grav. Wall And Along Timber Bulkhead									Surface
	В	\$1,400			%	d: 100%	vere, Area Affecte	ement, Extent : Se	Se
	В								
Cracking, Extent : Light, Area Affected : 25% Location : Isolated Throughout	Ь	Ψ500	5					king, Extent : Lig	Cr
Asphalt 25% 0-2 \$12,000 2038 ** 5 \$700 Settlement, Extent: Severe, Area Affected: 100% Location: Along Timber Bulkhead	В	\$700	5	* *			vere, Area Affecte	ement, Extent : Se	Se
Not Accessible 15%	D								

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.

Maintenance \$ are aggregated over a 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 Re	pair	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 Code
Deck Elements							
Railing							
Fencing	70%		2027	* *	3	\$100	В
	Recent Replace Eviden	t, Extent : Light,	Area Affe	ected : 100%			
	Location: New Fenc	ing Along Timber	Bulkhea	d			
Fencing	20% 0-2	\$5,800	2028	* *	3		В
Č	Displaced Elements, Extent: Moderate, Area Affected: 100%						
	Location : Inshore O	f Sinkholes At Gr	wity Wa	ll And East End Of	Timber	Bulkhead	
No Component	10%						D

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 04-Jun-2008 Landmark Status : NONE

Areas Surveyed :

Block : 5900 Lot : 500 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bulkheads	\$128,400	
Total	\$128,400	
Priority B	\$128,400	
Total	\$128,400	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$32,500		\$3,200	\$31,800
Total	\$32,500		\$3,200	\$31,800
Priority B Priority C	\$14,700 \$17,700		\$3,200	\$31,800
Total	\$32,500		\$3,200	\$31,800



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, PLANT #1 STEEL BULKHEAD BET. PAD #1 & PAD #2

Asset #: 1804

Bulkheads	Current Repair	Future Replaceme	ent N	Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated FY	Cost Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Coping/Curb	100/	100 I IEE	* *		-
Steel	10% 4+ \$17,7 Corrosion, Extent : Moderate, Area Location : Throughout		* *		С
Steel	85%	LIFE	* *		С
No Component	5%				D
Piles and Bracing					
Not Accessible	100%				D
Sheet Piles					
Steel	5%	LIFE	* *		A
	Corrosion, Extent : Light, Area Affo Location : Throughout	ected : 10%			
Not Accessible	95%				D
Backfill					
Fill					_
Topsoil	5% Now \$9,8 Other Observation, Extent : Severe Location : At Face Explanation : Sinkhole		**		В
Not Accessible	95%				D
Surface	7570				<i>D</i>
Asphalt	20% Cracking, Extent : Light, Area Affe Location : Throughout	2028 cted : 5%	** 5	\$1,900	В
Concrete	10%	2028	** 5	\$900	В
	Cracking, Extent : Light, Area Affe Location : Throughout	cted : 5%			
Gravel	5%	2028	** 2-5	\$100	В
Topsoil	10% Now \$4,9	00 2019 \$4	,900 5	\$200	В
	Settlement, Extent : Severe, Area Aj Location : At Face	ffected : 100%			
Topsoil	55%	2017 \$27	,000 5	\$2,100	В
Fender				*	
Facing					
Timber	30% 4+ \$96,3 Rotting/Splitting, Extent : Moderate Location : Throughout		** 3	\$9,600	В
Timber	30%	2028	** 3	\$9,600	В
Timber	5% Now \$32,1 Broken, Extent : Severe, Area Affec Location : Throughout	00 2034	** 3	\$1,600	В
No Component	5%				D
Not Accessible	30%				D

Note: 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 05-Jun-2008 Landmark Status : NONE

Areas Surveyed :

Block : 2685 Lot : 1 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bulkheads	\$64,600	
Total	\$64,600	
Priority B	\$64,600	
Total	\$64,600	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$44,500			\$8,200
Total	\$44,500			\$8,200
Priority B Priority C	\$20,200 \$24,300			\$8,200
Total	\$44,500			\$8,200



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

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

DEPARTMENT OF SANITATION - 827 FRESH KILLS, PLANT #2 MOORING DK STEEL SHEET PILE BULKHEAD

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 Code
Structural								
Coping/Curb								
Steel	20%	4+	\$24,300	LIFE	* *			C
	Corrosion, Location		Ioderate, Area Affe out	cted : 20) %			
Steel	80%			LIFE	* *			С
Sheet Piles								
Steel	20%			LIFE	* *			A
Not Accessible	80%							D
Backfill Fill								
Topsoil	15%	Now	\$16,100	2059	* *			В
	Other Obse	rvation, E	Extent : Severe, Are	a Affecte	d: 100%			
	Location	: Sta.4+52	2 To Sta. 5+23					
	Explanati	on : Sikho	le Loss Of Fill Beh	ind Shee	ting, 8 Ft Deep			
Not Accessible	85%							D
Surface								
Concrete	40%			2028	* *	5	\$2,100	В
Concrete	20%			2028	* *	5	\$1,000	В
Topsoil	15%	Now	\$4,000	2019	\$4,000	5	\$200	В
			Extent : Severe, Are	a Affecte	d: 100%			
			2 To Sta. 5+23					
		on : Sinkh	ole, 8ft Deep, Behi					
Topsoil	25%			2017	\$6,700	5	\$500	В
Fender								
Facing								
Timber	2%	Now	\$11,800	2034	* *	3	\$400	В
	Broken, Ex Location		re, Area Affected : out	100%				
Timber	18%	4+	\$52,900	2028	* *	3	\$3,200	В
	Rotting/Spl Location	-	ent : Moderate, Are out	ea Affect	ed : 50%			
No Component	5%							D
Not Accessible	75%							D
Wales and Chocks								
Not Accessible	100%							D

Maintenance \$ are aggregated over a 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: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 2014 - 2017	FY 2018 - 2023
Bulkheads	\$215,300	\$381,900
Total	\$215,300	\$381,900
Priority A	\$215,300	
Priority B		\$381,900
Total	\$215,300	\$381,900

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$9,300	\$600	\$500	
Total	\$9,300	\$600	\$500	
Priority A	\$1,000			
Priority B	\$8,300	\$600	\$500	
Total	\$9,300	\$600	\$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 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	C	urrent Repai	r	Future	Replacement	М	aintenance	
System Component Type		nil Date Esti Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Relieving Platform Top								
Concrete/Stone	80%	4+	\$132,500	LIFE	* *			A
	_	_	Area Affected					
			ce Above Mhw					
			e, Area Affect		.11 1 d. OCW1	1		
					ıll Length Of Wal	l		
	_		t : Moderate, . e Facing In T		rtea : 30%			
			e Facing in 1 : Light, Area		20/			
			. Ligni, Area ce Above Mhv		2/0			
		n : Surface Sc						
Concrete/Stone	10%	4+	\$82,800	LIFE	* *			A
Concrete/Stone			rea Affected :					Λ
					s 1+90, 2+10, 2+	50, 3+00	0, And 3+40 (from	
	North)		1 3				,	
Not Accessible	10%							D
Piles and Bracing								
Not Accessible	100%							D
Pile Caps								
Timber	5%	2-4	\$1,000	LIFE	**	4	\$100	A
		_	Moderate, Ar	ea Affecte	d: 30%			
		At Outboard I	zna ————					
Not Accessible	95%							D
Backfill								
Fill Not Accessible	100%							D
Surface	100%							D
Asphalt Pavers	30%			2034	* *	5	\$1,200	В
rispitate i aveis		xtent : Light.	Area Affectea			3	Ψ1,200	Ь
		_			+00 To 1+00 (fre	m North)	
Topsoil	70%	-		2020	\$15,100	5	\$1,200	В
Fender	7070			2020	Ψ12,100		Ψ1,200	
Facing								
Timber	10%			2034	* *	3	\$1,400	В
No Component	90%							D
Deck Elements								
Railing								
Steel	100%	4+	\$7,600	2020	\$381,900			В
			: Light, Area	Affected :	5%			
		Isolated Thro	· ·					
	Explanatio	n : Coating L	OSS					

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

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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

Program / Asset # : DOS000B.QN1 / 1831 Yr Built/Renovated :

Linear Ft : 530 Project Type : SANITATION

Date of Survey : 28-Oct-2004 Landmark Status : NONE

Areas Surveyed :

Total

Block : 4377 Lot : 1 BIN :

CAPITAL				
Total				
Priority				
Total				
EXPENSE				
EXPENSE				
Total				
Priority				



DEPARTMENT OF SANITATION - 827 NORTH SHORE MARINE TRANSFER STA. REVETMENT

Bulkheads		Current F	Repair	Futur	re Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Relieving Platform Top								
Under Construction	100%	ı						D
Coping/Curb								
Under Construction	100%	1						D
Gravity Wall								
Under Construction	100%	ı						D
Pile Supported Wall								
Under Construction	100%							D
Piles and Bracing								
Under Construction	100%							D
Revetment								
Under Construction	100%							D
Sheet Piles								
Under Construction	100%							D
Wales								
Under Construction	100%							D
Backfill								
Fill								
Under Construction	100%							D
Surface								
Under Construction	100%							D
Fender								
Buffer								
Under Construction	100%							D
Facing								
Under Construction	100%							D
Piles								
Under Construction	100%							D
Wales and Chocks								
Under Construction	100%							D

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : REVETMENT - RIPRAP BULKHEAD

Address : W 215TH ST TO W 219TH ST ALONG HARLEM RIVER

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOS0061.000 \, / \, 13795 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Linear Ft : 280 Project Type : SANITATION

Date of Survey : 22-Feb-2010 Landmark Status : NONE

Areas Surveyed :

Block : 2196 Lot : 1 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bulkheads	\$37,500	
Total	\$37,500	
Priority C	\$37,500	
Total	\$37,500	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$10,300		\$400	
Total	\$10,300		\$400	
Priority B Priority C	\$10,300		\$400	
Total	\$10,300		\$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 - RIPRAP BULKHEAD

Bulkheads	Current Re	pair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Revetment							
Stone	40% 4+	\$37,500	LIFE	* *	5	\$500	C
	Other Observation, Ext	ent : Moderate, A	Area Affectea	l : 40%			
	Location : Soutern 50	Ft Of Asset					
	Explanation : Inadeq	uate Placement, I	Protection				
Stone	60%		LIFE	* *	5	\$800	С
Backfill							
Fill							
Topsoil	30% Now	\$8,200	2061	* *			В
_	Other Observation, Extent: Moderate, Area Affected: 40%						
	Location : Southern 5	0 Ft Of Asset					
	Explanation: Erosion	า Of Backfill Abo	ve Revetment	t			
Not Accessible	70%						D
Surface							
Topsoil	30% Now	\$2,100	2021	\$4,100	5	\$200	В
-	Erosion, Extent : Moderate, Area Affected : 20%						
	Location: Southern 5	0 Ft Of Asset					
Topsoil	70%		2021	\$9,600	5	\$800	В

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 19-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 625 Lot : 65 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$4,400			\$3,500
Total	\$4,400			\$3,500
Priority B	\$3,000			\$3,500
Priority C	\$1,500			
Total	\$4,400			\$3,500



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 REVETMENT & BULKHEAD GOWANUS BAY

Bulkheads		Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Revetment								
Stone	40%			LIFE	* *	5	\$2,900	C
No Component	60%							D
Sheet Piles								
Steel	20%			LIFE	* *	10		A
	Corrosion,	Extent: Mod	lerate, Area Affe	ected : 20	0%			
	Location	: In Splash Z	one, Station 1+4	40 To 5+	10 From North			
No Component	40%							D
Not Accessible	40%							D
Backfill Fill								
Gravel	5%	Now	\$3,000	2038	* *	5		В
	Location		ent : Moderate, A etment Station 0-		cted : 50% +40 From North			
Not Accessible	95%							D
Surface								
Concrete	100%			2032	* *	5	\$7,000	В
	Cracking, I	Extent : Light	, Area Affected .	2%				
	Location	: Isolated Th	roughout					

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : REVETMENT AT DOS FACILITY

Address : BETWEEN 58TH ROAD AND 48TH ST. MASPETH CREEK

Borough : QUEENS Agency's Number : N/A

Program / Asset # : DOS0064.000 / 14019 Yr Built/Renovated :

Linear Ft : 418 Project Type : SANITATION

Date of Survey : 19-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2600 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$15,600		\$800	
Total	\$15,600		\$800	
Priority A	\$1,400			
Priority B	\$1,000		\$800	
Priority C	\$13,200			
Total	\$15,600		\$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.

DEPARTMENT OF SANITATION - 827 REVETMENT AT DOS FACILITY

Bulkheads		Current Repair		Futur	e Replacement	M	aintenance	
System Component Type	% of 1 Total	Fail Date Estim (Years)	ated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Gravity Wall								
Concrete	100%			LIFE	* *	5-10	\$2,800	A
	Other Obse	rvation, Extent :	Light, Area	Affected	: 2%			
	Location .	: Throughout						
	Explanati	on : Cracks						
Revetment								
Stone	96%			LIFE	* *	5	\$3,900	C
	Other Obse	ervation, Extent :	Light, Area	Affected	: 2%			
	Location	: 1+55						
	Explanati	on : Settlement A	t State Poll	utant Dis	charge Eliminatio	n System	Permit Outfall	
Stone	4%	4+	\$11,200	LIFE	* *	5	\$100	С
	Missing Pa	rt, Extent : Light,	Area Affec	ted : 10%	ó			
	Location	: Stations 0+35 T	To 0+50					
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Topsoil	95%			2021	\$19,500	5	\$1,500	В
Topsoil	5%	4+	\$1,000	2023	\$1,000	5		В
-	Erosion, Ex	ctent : Light, Ared	a Affected :	5%				
	Location	: Above Retaining	g Wall					

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 2014 - 2017	FY 2018 - 2023
Bulkheads	\$449,500	\$244,100
Total	\$449,500	\$244,100
Priority B	\$449,500	\$244,100
Total	\$449,500	\$244,100

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$40,700			\$7,100
Total	\$40,700			\$7,100
Priority B	\$40,400			\$7,100
Priority C	\$300			
Total	\$40,700			\$7,100



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 S.W. BROOKLYN DOS FACILITY CONCRETE WHARF

Asset #: 1823

Bulkheads	Current R	lepair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Coping/Curb	600 /		LIDE	* *	<i>5</i> 10	ф <i>с</i> 00	C
Concrete	60% Cracking, Extent : Lig Location : Through		LIFE : 5%	<i>.</i>	5-10	\$600	С
No Component	40%						D
Sheet Piles							
Steel	25% Corrosion, Extent : M Location : Above M				10 sset		A
Not Accessible	75%						D
Backfill							
Surface							
Concrete	80% Cracking, Extent : Lig Location : Through	,	2032 : 10%	* *	5	\$5,200	В
Not Accessible	20%						D
Fender							
Facing							
Timber	15% Now Broken, Extent : Seve Location : Through Missing Part, Extent . Location : Through	out Station 1+00 T : Severe, Area Affe	o 4+40 I cted : 50	%	3	\$3,400	В
Timber	45% 2-4 Rotting/Splitting, Extended Location: In Tidal 2 Other Observation, E Location: Throughe Explanation: Exces	Zone Throughout S xtent : Moderate, A out Station 1+00 T	Station 0- Area Affe	+35 To 4+40 Fron ected : 30%	3 1 East En	\$10,100	В
No Component	40%						D
Piles							
Timber	10% 2-4 Broken, Extent : Mod Location : Isolated			* * To 4+40 From East	4 End	\$1,400	В
No Component	40%						D
Not Accessible	50%						D
Wales and Chocks							
Timber	10% Now Broken, Extent : Mod Location : Through			* * From East End	4	\$3,100	В
No Component	40%						D
Not Accessible Pook Florents	50%						D

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 S.W. BROOKLYN DOS FACILITY CONCRETE WHARF

Bulkheads	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 Code
Deck Elements						
Railing						
Steel	40%	2022	\$244,100			В
	Other Observation, Extent : Light, Area	Affected	! : 10%			
	Location: At East And West Ends Of A	Asset				
	Explanation: Corrosion					
No Component	60%					D

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

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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 : 11-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2781 Lot : 500 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bulkheads	\$1,199,800	\$87,400
Total	\$1,199,800	\$87,400
Priority A	\$1,003,000	\$87,400
Priority B	\$122,200	
Priority C	\$74,600	
Total	\$1,199,800	\$87,400

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$47,000		\$100	\$2,100
Total	\$47,000		\$100	\$2,100
Priority A	\$9,200			
Priority B	\$37,700		\$100	\$2,100
Priority C	\$200			
Total	\$47,000		\$100	\$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 SOUTH BRONX DOS FACILITY STEEL SHEET PILE BULKHEAD

Bulkheads	Current Repair	Future Replac	ement	М	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Coping/Curb						
Concrete	10% Now \$21,30 Broken, Extent: Severe, Area Affector Location: Throughout Missing Part, Extent: Severe, Area A Location: Throughout	ed : 50%	**	5	\$100	С
Concrete	25% 2-4 \$53,30	0 LIFE	* *	5	\$100	С
	Corrosion of Reinforcement, Extent Location: Throughout Exposed Reinforcement, Extent: Mo Location: Throughout	-		%		
Concrete	40%	LIFE	* *	5-10	\$400	С
No Component	25%					D
Piles and Bracing						
Timber	5% Now \$9,20 Broken, Extent : Severe, Area Affecton Location : Below Concrete Cap Rotting/Splitting, Extent : Severe, Ar Location : Below Concrete Cap	ed : 20%	**	4	\$4,200	A
Not Accessible	95%					D
Sheet Piles						
Steel, 10' Water	20% Now \$401,20 Broken, Extent: Severe, Area Affector Location: Splash Zone And Below Corrosion, Extent: Severe, Area Affords Location: Entire Length	ed : 10%	* *	5	\$35,000	A
Steel, 10' Water	30% 2-4 \$601,80 Corrosion, Extent : Moderate, Area Location : Splash Zone		* *	5	\$52,500	A
Not Accessible	50%					D
Backfill						
Fill Sand	35% Now \$14,70 Loss of Backfill, Extent : Severe, Are Location : Throughout Settlement, Extent : Severe, Area Aff	ea Affected : 50%	* *	5	\$200	В
	Location : Entire Length					
Not Accessible	65%					D

^{**} 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 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 Code	
Backfill									
Surface									
Asphalt	20%	Now	\$11,200	2038	* *	5	\$600	В	
			re, Area Affected :	50%					
	Location	: Behind S	heeting						
	Other Obse	ervation, E.	xtent : Severe, Are	a Affecte	d : 50%				
	Location	: Behind S	heeting						
	Explanati	ion : Sinkh	oles						
Stone	35%			2036	* *	10		В	
Topsoil	35%	Now	\$11,700	2023	\$11,700	5	\$500	В	
•	Erosion, Ex	xtent : Seve	ere, Area Affected .	: 100%					
	Location	: Entire Le	ngth						
	Settlement,	Extent : Se	evere, Area Affecte	ed: 50%					
	Location	: Through	out						
	Other Observation, Extent : Severe, Area Affected : 50%								
	Location	: Through	out						
	Explanati	ion : Sinkh	oles						
Topsoil	10%			2021	\$3,300	5	\$300	В	
Fender									
Wales and Chocks									
Steel	50%	Now	\$66,900	2032	* *	3-5	\$10,400	В	
	Broken, Ex	tent : Seve	re, Area Affected :	100%					
	Location	: Through	out						
Timber	50%	Now	\$55,300	2032	* *	4	\$15,100	В	
	Missing Pa	rt, Extent :	Severe, Area Affe	cted : 80	0%		,		
	_	: Through							

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

Asset Name : STEEL SHEET PILE BULKHEAD GREEN POINT MARINE TRANSFER STA.

Address : 421 NORTH HENRY ST. BET NEWTOWN CREEK/GREENPOINT AVE

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DOS000B,BN2 / 1822 Yr Built/Renovated :

Linear Ft : 1,141 Project Type : SANITATION

Date of Survey : 29-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 2525 Lot : 1 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bulkheads	\$848,200	\$994,900
Total	\$848,200	\$994,900
Priority B	\$848,200	\$994,900
Total	\$848,200	\$994,900

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$10,200	\$3,100	\$3,800	\$10,000
Total	\$10,200	\$3,100	\$3,800	\$10,000
Priority B Priority C	\$4,000 \$6,200	\$3,100	\$3,800	\$10,000
Total	\$10,200	\$3,100	\$3,800	\$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 STEEL SHEET PILE BULKHEAD GREEN POINT MARINE TRANSFER STA.

Asset #: 1822

Bulkheads	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Con Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Coping/Curb	070	T TOO	ale ale	5 10	ф1. 7 00	a
Concrete	97% Cracking, Extent : Light, Area Affecto Location : Isolated Throughout Spalling, Extent : Light, Area Affecte		* *	5-10	\$1,700	С
	Location: Isolated Throughout	u . 270				
Concrete	3% 4+ \$5,300 Spalling, Extent : Moderate, Area Aff	fected : 30%	* *	5	1 - 06 Europe East	С
Sheet Piles	Location : At Isolated Railing Conn	iections Inro	ougnoui Ana Sia 4	+90 10 4	++90 From East	
Steel Steel	2% Corrosion, Extent : Light, Area Affec Location : Throughout Top Of Wall		* *	10		A
Not Accessible	98%					D
Backfill Fill						
Not Accessible	100%					D
Surface						
Asphalt	50% Cracking, Extent: Light, Area Affecto Location: Isolated Throughout Settlement, Extent: Light, Area Affec Location: Isolated Throughout		**	5	\$5,300	В
Not Accessible	50% Other Observation, Extent: Light, An Location: Station 5+15 To 11+40 Explanation: Construction Materia			: Surface		D
Fender			T T T T T T T T T T T T T T T T T T T	J		
Buffer						
Rubber No Component	10% 90%	2036	* *	4-5	\$2,400	B D
Facing						
Timber	25% Rotting/Splitting, Extent : Light, Area Location : Isolated Station 0+60 To			3	\$9,200	В
Timber	60% Now \$732,700 Rotting/Splitting, Extent: Moderate, Location: Isolated Sta. 0+00 To 0+	Area Affecte		3	\$22,000	В
	Other Observation, Extent : Severe, A Location : Station 8+90 To 9+80 F Explanation : Fire Damage		1 : 50%			
No Component	15%					D
	1070					י

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

Maintenance \$ are aggregated over a 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	r Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Fender							
Wales and Chocks							
Timber	25% Now	\$115,600 2038	* *	4	\$12,700	В	
	Rotting/Splitting, Extent: S	Severe, Area Affected	: 50%				
	Location: Throughout To	op And Middle Wales	Station 5+15 To 1	1+00			
Timber	10%	2032	* *	4	\$5,100	В	
	Rotting/Splitting, Extent : Light, Area Affected : 20%						
	Location : Upper Wale	33					
No Component	15%					D	
Not Accessible	50%					D	
Deck Elements							
Railing							
Steel	98%	2021	\$975,000			В	
	Other Observation, Extent : Light, Area Affected : 40%						
	Location: Throughout						
	Explanation: Corrosion						
Steel	2% Now	\$4,000 2021	\$19,900			В	
	Other Observation, Extent : Severe, Area Affected : 100%						
	Location: Isolated Throughout						
	Explanation : Impact Dat	mage					

Print Date: 22-Oct-2012 **DEPARTMENT OF SANITATION - FY 2013**

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

Linear Ft : 740 Project Type : SANITATION

Date of Survey : 10-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2781 Lot : 306 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$15,700		\$100	\$3,100
Total	\$15,700		\$100	\$3,100
Priority B			\$100	\$3,100
Priority C	\$15,700			
Total	\$15,700		\$100	\$3,100



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

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

DEPARTMENT OF SANITATION - 827 STONE REVETMENT AT NEW FULTON FISH MARKET

Bulkheads	Current Repair Future Replacemen		e Replacement	Maintenance				
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Structural								
Coping/Curb								
Concrete	5% Now	\$11,600 LIFE	* *	5		C		
	Broken, Extent : Severe, A	rea Affected : 100%						
	Location: Vehicle Impact Damage At Isolated Locations							
Concrete	95%	LIFE	* *	5-10	\$1,100	С		
Revetment								
Stone	100%	LIFE	* *	5	\$7,300	C		
	Other Observation, Exten	t : Light, Area Affected	: 100%					
	Location : Throughout							
	Explanation: New Cons	truction						
Backfill								
Fill								
Not Accessible	100%					D		
Surface								
Asphalt	90%	2032	* *	5	\$6,200	В		
Topsoil	10%	2021	\$3,600	5	\$300	В		

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

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

DEPARTMENT OF SANITATION - 827

Project: SANITATION

CAPITAL	F	Y 2014 - 2017		FY 2018 - 2023
Miscellaneous Buildings		228,700		31,800
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Miscellaneous Buildings	39,400	7,200	8,200	8,000

ASSET#	NAME	SQFT	CAPITAL	EXPENSE
1848	FRESH KILLS I MAINTENANCE	2,016	64,400	3,000
1849	FRESH KILLS I STORAGE	900	20,400	4,700
1850	FRESH KILLS I OFFICE 2	168	0	4,700
1851	FRESH KILLS I GUARD HOUSE	128	0	3,600
1852	FRESH KILLS I OFFICE 3	600	0	16,700
1853	FRESH KILLS II PUMP HOUSE	980	22,200	5,100
1854	FRESH KILLS II GENERATOR HOUSE	400	0	11,100
1855	FRESH KILLS II SCALE HOUSE	780	17,700	4,100
1856	FRESH KILLS II WALKWAY	3,690	117,800	5,600
2780	FRESH KILLS I OFFICE 1	800	18,100	4,200

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