Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER

Address : 172 TILLARY STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.207 / 13103 Yr Built/Renovated : 1971 /

Area Sq Ft : 21,900 Project Type : FIRE DEPARTMENT

Date of Survey : 03-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 134 Lot : 6 BIN : 3000252

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$72,500	
Interior Architecture	\$138,200	
Electrical		\$49,800
Mechanical		\$181,000
Total	\$210,700	\$230,800
Importance Code A	\$72,500	
Importance Code B	\$138,200	\$230,800
Total	\$210,700	\$230,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$57,900		\$3,400	
Interior Architecture	\$43,000			\$4,300
Electrical	\$300		\$300	\$100
Mechanical	\$12,800	\$5,800	\$7,300	\$5,600
Total	\$113,900	\$5,800	\$11,000	\$10,000
Importance Code A	\$58,100	\$200	\$3,600	\$200
Importance Code B	\$33,200	\$5,600	\$7,400	\$8,700
Importance Code C	\$22,700			\$1,100
Total	\$113.900	\$5,800	\$11,000	\$10,000



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

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

BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER

Asset #: 13103

rchitecture	Current Repair		Futur	e Replacement	M	aintenance		
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls	40					_	***	
Masonry: Brick	60%		\$72,500	LIFE	**	5	\$12,300	
	_		t, Extent : Modera			1 D 1: C		
			Supporting Masonr	:				
Metal Sect. OHD	10%			2039	* *	5	\$6,400	
Granite Panels	30%		\$12,800	LIFE	* *	5	\$4,600	
			d, Extent : Light, A	rea Affec	ted : 20%			
	Location	ı : Through	out					
Windows								
Aluminum	50%	Now	\$16,600	2051	* *	5	\$200	
	-		ent : Severe, Area A	Affected :	70%			
	Location	ı : Through	out					
Aluminum	50%			2034	* *	5	\$400	
Parapets								
Masonry: Brick	82%	Now	\$13,600	LIFE	* *	5	\$4,800	
	Broken/M	issing Elen	ents, Extent : Mod	erate, Ar	ea Affected : 10%			
	Location	ı : Missing	Portion Of Brick P	arapet @	Front Facade, Ro	oof Level		
Metal Cornice	5%			2054	* *	10	\$900	
Metal Rail	3%	Now	\$100	2031	* *	5	\$1,300	
		ss Fastener n : Front Fo	s, Extent : Light, A acade	rea Affec	ted : 10%		. ,	
Granite Panels	10%			LIFE	* *	5-10	\$7,000	
Roof							1 - 7	
Modified Bitumen	100%	Now	\$8,600	2031	* *			
	Alligatori	ng, Extent :	Light, Area Affect	ed : 15%				
	Location	ı : Asphalt .	Joints Throughout.					
erior			_					
Floors								
Cast in Place Concrete	40%	Now	\$6,500	LIFE	* *	5	\$28,100	
	Horizonta	l Cracks, E	xtent : Light, Area	Affected	: 5%			
	Location	ı : Apparat	us Floor And Stair	Shaft La	ndings.			
Ceramic Tile	10%			2035	* *	5	\$3,200	
Terrazzo	10%			LIFE	* *	5	\$5,000	
Vinyl Tile 9" X 9"	40%	4+	\$138,200	2036	* *	3	\$4,800	
,, r			nents, Extent : Seve		Affected : 10%		Ψ.,σσσ	
				,				
	Location : 1st Floor Office Worn/Eroded, Extent : Moderate, Area Affected : 30%							
	Worn/Eroaea, Extent : Moderate, Area Affectea : 50% Location : Thoughout 2nd Floor							
		_	Extent : Light, Area	Affected	: 12%			
			Renovation On 2nd					
			ently Under Constr					

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

FIRE DEPARTMENT - 057 BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER

Asset #: 13103

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	10%			2035	* *	5	\$2,100	
Concrete Masonry Unit	5%	Now	\$4,600	LIFE	* *	5	\$400	
	_		tent : Light, Area A ical Penthouse.	ffected :	15%			
Gypsum Board	10%			LIFE	* *	5-10	\$3,600	
	Location	: Partial I	Extent : Moderate, 1 Renovation @ 2nd 1 ently Under Constr	Floor Sp				
Plaster	35%			LIFE	* *	5-10	\$6,300	
SGFT/Glazed Masonry	25%	Now	\$10,000	LIFE	* *	3 10	ψο,500	
2 22 27 23	Broken/Mi	issing Elem	nents, Extent : Ligh ium And Apparatus	t, Area Ą	ffected : 10%			
SGFT/Glazed Masonry	15%			LIFE	* *	10	\$1,600	
Ceilings								
AcousTileSusp.Lay-In	10%			2046	* *	5	\$1,000	
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	cted : 100%			
	Location: Partial Renovation @ 2nd Floor Spaces							
	Explanat	tion : Curr	ently Under Constr	ruction				
Exposed Concrete	35%			LIFE	* *	5-10	\$4,500	
Plaster	55%	0-2	\$7,300	LIFE	* *	5	\$3,600	
	Paint Peeling, Extent: Light, Area Affected: 2%							
	Location	: Stair Sho	aft And Shower Are	ea On 2nd	d Floor			
	Worn/Erod	ded, Extent	: Moderate, Area	Affected	: 20%			
	Location	: Kitchen	And 2nd Floor Thr	oughout				

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
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Switchgear / Switchboard								
Not Accessible	100%							
Raceway								
Conduit	50%			2026	\$15,300	1		
Conduit	50%			2046	* *	1		
Panelboards								
Molded Case Bkrs	75%			2042	* *	5	\$400	
Molded Case Bkrs	25%			2025	\$9,400	5	\$100	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Motor Control Center	100%			2024	\$14,100	5	\$600	

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.

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BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER

Asset #: 13103

Electrical	Current Repair	Future Re	eplacement	M	aintenance			
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	99%	2031	* *	10	\$19,900			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Throughout Building							
	Explanation: T-8							
Incandescent	1%	2021	\$1,400	2				
Exterior Lighting								
HID	50%	2021	\$40,400	10				
No Component	50%							
Mechanical	Current Repair	Future Re	eplacement	M	aintenance			

echanical	Currer	nt Repair	Future	Replacement	M				
rstem Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit		
ating									
Energy Source									
Natural Gas	15%		2056	* *	1				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: 1st Floor								
	Explanation : Se	rves Space Currently	Being Ren	ovated					
Not Accessible	85%								
	Other Observation, Extent : Light, Area Affected : 0%								
	Location: Throughout								
	Explanation : Se	rved By Adjacent Bui	ding						
Conversion Equipment									
Hot Water Boiler	15%		2046	* *	1	\$1,600			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: 1st Floor								
	Explanation: Serves Space Currently Being Renovated								
Not Accessible	85%								
	Other Observation	, Extent : Light, Area	Affected :	0%					
	Location: Throughout								
	Explanation : Served By Adjacent Building								
Distribution	•								
Hot Wtr Piping/Pump	85%		2042	* *	4	\$1,400			
Hot Wtr Piping/Pump	15%		2051	* *	4	\$200			
1 5 1	Other Observation, Extent : Light, Area Affected : 100%								
	Location: 2nd Floor								
	Explanation : Se	rves Space Currently	Being Ren	ovated					

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FIRE DEPARTMENT - 057 BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER

Asset #: 13103

Mechanical	Current Repair		Future	Future Replacement		Maintenance	
System Component Type		l Date Estimated (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating							
Terminal Devices							
Air Handler	40%		2026	\$46,100	1	\$5,400	
Convector/Radiator	43%		2031	* *	1	\$3,000	
Convector/Radiator	15%		2046	* *	1	\$1,100	
	Location: 2						
	Explanation	: Serves Space Curr	ently Being Rer	ovated			
Unit Heater-Stm/HW	2%		2026	\$2,800	4	\$100	
ir Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		
Conversion Equipment							
Reciprocating Compr/Chiller	60%		2026	\$43,600	1	\$6,100	
		ant, Extent : Light, A loof Mechanical Roo		100%			
Ext Pkg Unit - Cooling	20%		2031	* *	2	\$300	
		ation, Extent : Light,		100%		,	
	Explanation	-					
Window/Wall Unit	20%		2021	\$8,800	1		
Distribution	2070		2021	ψ0,000			
Chilled Wtr Pipe/Pump	60%		2036	* *	4	\$600	
Ductwork/Diffusers	40%		LIFE	* *	2	\$14,200	
Terminal Devices						, , ,	
Air Handler/Cool/Ht	60%		2026	\$54,500	1	\$8,100	
No Component	40%			, ,		. ,	
Heat Rejection							
Water Cool Tower	60%		2024	\$36,800	2	\$13,200	
No Component	40%						
entilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$19,300	
Exhaust Fans							
Interior	60%		2026	\$14,200	2	\$400	
Roof	40% N	Now \$1	100 2026	\$6,800	2	\$200	
	Noisy/Vibration : R	ng, Extent : Light, Ar oof	ea Affected : 20	0%			
lumbing							
H/C Water Piping							
Brass/Copper	100%		2046	* *	1		
Water Heater							
Electric	100%		2021	\$3,300	4	\$200	
		ation, Extent : Light,	Area Affected .	100%			
	Location: 1						
	Explanation	: 2 - 120 Gallon Uni	its				

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FIRE DEPARTMENT - 057 BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER

Asset #: 13103

Mechanical	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
Plumbing							
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
No Component	95%						
Generic	5%		2046	* *	1-2	\$300	

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : BATTALION 45 OLD EMS STATION 46

Address : 58-65 52ND ROAD @ E.106 ST

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 27,000 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Basement, Roof, Floors 1

Block : 2351 Lot : 23 BIN : 4054172

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$458,300	\$389,000
Interior Architecture	\$145,200	\$29,000
Electrical	\$99,600	\$64,700
Mechanical		\$41,000
Total	\$703,100	\$523,800
Importance Code A	\$458,300	\$389,000
Importance Code B	\$244,700	\$134,800
Total	\$703,100	\$523,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$3,900	\$8,100		\$10,300
Interior Architecture	\$28,300	\$6,900	\$5,000	\$2,400
Electrical	\$1,700	\$1,700	\$3,800	\$13,500
Mechanical	\$11,500	\$1,600	\$3,900	\$13,700
Total	\$45,400	\$18,300	\$12,800	\$39,900
Importance Code A	\$7,400	\$9,100	\$1,100	\$11,400
Importance Code B	\$38,000	\$9,300	\$10,600	\$28,600
Importance Code C			\$1,100	
Total	\$45,400	\$18,300	\$12,800	\$39,900



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

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

Asset #: 4438

Architecture		Current Repair Future Replacement			M			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior	•			•				•
Exterior Walls	40		***			_	4	
Concrete Masonry Unit	Location Diagonal Location Vertical C Location	Crumbling, 1: East And Cracks, Ex 1: East Fac Cracks, Exte 1: East Fac 1: East Fac	\$41,500 Extent: Moderate I West Facades tent: Moderate, Ar cade, West Facade ent: Moderate, Are cade	ea Affec	ted : 10%	5	\$3,200	
Masonry: Brick	10%			LIFE	* *	5	\$5,200	
Metal Panel	5%			2045	* *	5-10	\$17,700	
Metal Coiling Doors	10%	3.7	#204 400	2038	* *	5	\$16,100	
Stucco Cement	Location Cracking/	issing Elen 1 : At North Crumbling,	\$284,400 nents, Extent : Mod east Corner Extent : Severe, A North And West F	rea Affec	ea Affected : 10%	5	\$41,900	
Windows	Locuitor	i. comers,	Tronii Tita West I	acaacs				
Aluminum	75%			2041	* *	5	\$4,500	
Steel	25% Air Infiltre Location Broken/M Location Corrosion	ation, Exten 1 : Garage Issing Elem 1 : Garage	\$77,000 nt : Severe, Area A <u>f</u> nents, Extent : Seve Extent : Severe, Area	2050 fected : : re, Area	Affected : 50%	5	\$9,400	
Parapets	<u> Locuito.</u>							
Cast Stone/Terra Cotta	Location Caulking	r Miss/Eroo n : Coipng	\$3,900 d, Extent : Moderated, Extent : Moderated			5	\$2,400	
Concrete Masonry Unit	30%			LIFE	* *	5	\$2,100	
Metal Panel	5%			2045	* *	5	\$1,200	
Stucco Cement	60%			2030	* *	5	\$9,700	
Roof Modified Bitumen	Location Ponding, Location Water Pen	on Func/M n: West Fa Extent: Mo n: Flat Roo netration, E	oderate, Area Affec f Extent : Moderate, A	ted : 75%	6			
Modified Bitumen	40% Water Per	Now netration, E	f Over Office \$13,900 Extent : Moderate, A pergency Response		\$138,900 cted : 10%			

Interior

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

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Asset #: 4438

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
estem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior	•							
Floors								
Cast in Place Concrete	Location Loose/Del	: Emergen am Surface	\$145,200 Extent : Severe, Ascy Response Area e, Extent : Severe, A			5	\$31,300	
		_	cy Response Area	CC . 1	500/			
		-	nt : Severe, Area A	ffected :	30%			
G		: Emergen	cy Response Area	2024	di di		Ф1.000	
Ceramic Tile	3%			2034	* *	5	\$1,000	
Panel/Paver: Cer/Brk	5%			2033		5	\$3,600	
Raised Access Floor Steel Plate	5% 1%	Now	\$28,300	2034 LIFE	* *	5 1	\$6,000	
	Location Deformed Location Uneven Su	: Emergen Dented, Ex : Emergen urface, Exte	ents, Extent : Seve ccy Response Area ctent : Moderate, A ccy Response Area ent : Moderate, Are ccy Response Area	rea Affeo	cted : 25%			
Vinyl Tile	11%			2025	\$29,000	3	\$1,300	
Vinyl Tile	30%			2030	* *	3	\$3,600	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	\$2,200	
Concrete Masonry Unit	70%			LIFE	* *	5	\$12,600	
Gypsum Board	25%			LIFE	* *	5	\$6,700	
Ceilings	200/			2020	de de	_	Φ π .000	
AcousTileConcealSpLn	20%			2038	* *	5	\$7,900	
AcousTileSusp.Lay-In	15%			2030		5	\$4,800	
	Location		xtent : Moderate, A	rea Affe	cted : 10%			
Exposed Struc: Steel	65%			LIFE	* *			
-	Water Pen	etration, E	xtent : Moderate, A	rea Affe	cted : 10%			
	Location	: Emergen	cy Response Area					

Electrical	Current Repair	Future Replacement			Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2025	\$4,700	5	\$100		
	Other Observation, Extent: Moderat	te, Area Affe	cted : 100%				
	Location: 1st Floor						
	Explanation : No Available Namep	late Ratings					
Switchgear / Switchboard							
Fused Disc Sw	80%	2025	\$38,200	5	\$100		
Fused Disc Sw	20%	2045	* *	5			

 $[\]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 #: 4438

Electrical	Current Rep	oair Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts						
Raceway						
Conduit	80%	2025	\$24,500	1		
Conduit	20%	2045	* *	1		
Panelboards				_		
Fused Disc Sw	10%	2033	**	5	\$100	
Molded Case Bkrs	60%	2024	\$22,600	5	\$400	
Molded Case Bkrs	20%	2041	* *	5	\$100	
Molded Case Bkrs	10%	2033	* *	5	\$100	
Wiring			** *******			
Thermoplastic	80%	2025	\$21,700	1		
Thermoplastic	20%	2045	* *	1		
Ground						
Grounding Devices	1000/					
Not Accessible	100%					
Stand-by Power						
Transfer Switches	1000/	2029	* *	1	¢0.200	
Automatic	100%	2038	4- 4-	1	\$8,300	
Generators	5 00/	2024	* *	1	¢5 200	
Diesel	50% Other Observation, Exte	2034		1	\$5,200	
	Location : Outside	ні . мойетиге, Атей Ајје	ciea . 100%			
	Explanation : Generate	on Datad @ 91 Viva				
NT / A 21.1		or Kaiea @ 81 Kva				
Not Accessible	50%					
Batteries	1000/	2010	¢1.500	_	¢1 000	
Lead/Acid	100%	2019	\$1,500	5	\$1,000	
Fuel Storage	50%	2041	* *	_	\$2,000	
Day Tank	Other Observation, Exte Location : Outside		cted : 100%	5	\$2,000	
Not Accessible	50%					
Lighting	- 214					
Interior Lighting						
Fluorescent	20%	2025	\$26,600	10	\$3,900	
	Other Observation, Exte	nt : Moderate, Area Affe	cted : 100%			
	Location: Throughout	The Building				
	Explanation : T-12 Lar	mps				
Fluorescent	60%	2030	* *	10	\$11,700	
Tuorescent	Other Observation, Exte		cted : 100%	10	Ψ11,700	
	Location : Throughout					
	Explanation : T-8 Lam					
HID	20%	2025	\$16,600	10	\$100	
Egress Lighting	2070	2023	Ψ10,000	10	Ψ100	
Emergency, Service	50%	2030	* *	1		
Exit, Service	50%	2030	* *	1		
	5070	2030				
Exterior Lighting						

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

Asset #: 4438

Electrical	Current Repair	nt Repair Future Replacement Main		Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm						
Security System						
No Component	70%					
Generic	30%	2025	\$23,900	1	\$3,000	
	Other Observation, Extent : Modera	ate, Area Affe	cted : 100%			
	Location : Outside And Inside					
	Explanation: CCTV Surveillan	ce Cameras				
Fire/Smoke Detection						
No Component	90%					
Generic, Analog	10%	2025	\$27,300			
	Other Observation, Extent: Modera	ate, Area Affe	cted : 100%			
	Location : Hallways					
	Explanation : Smoke Detectors					

Mechanical	Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Electricity	5%		2035	* *	1		
Natural Gas	95%		2035	* *	1		
Conversion Equipment							
Furnace	10% Now	\$2,500	2035	* *	1	\$900	
	Other Observation, E	Extent : Light, Area	Affected	: 95%			
	Location: 1 Obsole	ete Package Unit On	The Ro	of			
	Explanation: Total	! - 7 Units					
Furnace	60%		2025	\$15,200	1	\$6,300	
	Other Observation, E	Extent : Light, Area	Affected	: 60%			
	Location: Roof						
	Explanation: 3 Pag	ckage Units					
Furnace	25%		2033	* *	1	\$2,600	
	Other Observation, E	Extent : Light, Area	Affected	: 25%			
	Location: Roof						
	Explanation: 1 Pac	ckage Unit					
Radiant Heater	5%		2025	\$4,600	2	\$500	
Air Conditioning							
Energy Source							
Electricity	100%		2033	* *	1		

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

Asset #: 4438

Mechanical	Current Rep	oair	Futur	e Replacement	M					
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	30%		2025	\$41,000	2	\$400				
8 8	R-22 Refrigerant, Extent : Light, Area Affected : 30% Location : Roof									
	Other Observation, Extent: Light, Area Affected: 30%									
	Location: Roof									
Ext Pkg Unit -	Explanation: 3 Units 20%		2033	* *	2	\$300				
Heating/Cooling					-	Ψ300				
	Other Observation, Extent: Light, Area Affected: 20%									
	Location: Roof	D . C.:	. D 410.	_						
Ext Pkg Unit - Heating/Cooling	Explanation : 1 Unit U 5% Now	\$6,800	2035	**	2	\$100				
ricating/Cooming	Obsolete Equipment, Ex	tent : Severe, Ai	rea Affec	ted : 10%						
	Location : Roof		55							
	R-22 Refrigerant, Extent	t : Light, Area A	ffected :	10%						
	Location: Roof									
Window/Wall Unit	5%		2020	\$2,100	1					
No Component	40%									
Ventilation										
Distribution										
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,800				
Exhaust Fans	000/		2025	¢14.000	2	¢<00				
Roof Wall Unit	90% 10%		2025 2020	\$14,800	2	\$600 \$100				
Plumbing	10%		2020	\$3,100	2	\$100				
H/C Water Piping										
Brass/Copper	100%		2035	* *	1					
Water Heater										
Gas Fired	100%		2020	\$4,800	2	\$300				
Sanitary Piping										
Cast Iron	100%		LIFE	* *	1					
Storm Drain Piping										
Cast Iron	100%		LIFE	* *	1					
Backflow Preventer										
Generic	100%		2020	\$2,000	1	\$1,300				
Fixtures	1000/									
Generic Generation	100%									
Fire Suppression Sprinkler										
Sprinkler Generic	100%		2035	* *	1-2	\$5,900				
Generic	100/0		2000		1 4	Ψ2,700				

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : BATTALION ENG. CO. 45/LAD CO. 58

Address : 925 EAST TREMONT AVENUE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 15,225 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3126 Lot : 12 BIN : 2013192

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$133,700
Interior Architecture	\$153,700	\$75,700
Electrical		\$151,500
Total	\$153,700	\$360,900
Importance Code A		\$133,700
Importance Code B	\$153,700	\$227,200
Total	\$153,700	\$360,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$74,800			
Interior Architecture	\$40,600		\$1,400	\$2,300
Electrical	\$4,100	\$1,100	\$2,600	\$1,200
Mechanical	\$7,600	\$2,100	\$4,600	\$1,800
Total	\$127,100	\$3,200	\$8,600	\$5,200
Importance Code A	\$75,900	\$1,100	\$1,100	\$1,100
Importance Code B	\$19,800	\$2,100	\$6,700	\$4,100
Importance Code C	\$31,300		\$800	
Total	\$127,100	\$3,200	\$8,600	\$5,200



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

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

Asset #: 13033

Architecture	С	urrent Rep	air	Futur	e Replacement	Maintenance				
System Component Type		il Date Es Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Exterior										
Exterior Walls										
Alum/Vinyl Siding		Now	\$4,500	2046	* *					
			s, Extent : Light		ffected : 2%					
			offit At Roof Le	vel						
Masonry: Brick		Now	\$28,100	LIFE	* *	5	\$19,100			
	Spalling, Extent: Light, Area Affected: 10%									
	Location : Rear Facade Vertical Cracks, Extent : Light, Area Affected : 5%									
				ected : 5	¹ %					
	Location : F	Rear Facade	?							
Masonry: Brick	13%			LIFE	* *	5	\$9,000			
Masonry: Granite	2%			LIFE	* *	5	\$1,000			
Metal Sect. OHD	5%			2031	* *	5	\$5,400			
Stucco Cement	5% N	Now	\$4,900	2031	* *	5	\$2,200			
	Cracking/Cru	ımbling, Ext	tent : Moderate	, Area Aj	ffected : 15%					
	Location : E	East Roof W	all							
	_		loderate, Area 1	Affected .	: 15%					
	Location : I	East Roof W	all							
Windows										
Aluminum	100%			2042	* *	5	\$3,000			
Parapets										
Masonry: Brick	85%			LIFE	* *	5-10	\$24,400			
	Efflorescence, Extent : Light, Area Affected : 15%									
	Location : N	Main Roofs								
Masonry: Granite	5%			LIFE	* *	5-10	\$2,900			
Masonry: Limestone	10%			LIFE	* *	5-10	\$5,100			
Roof										
Modified Bitumen		Now	\$2,700	2026	\$133,700					
			derate, Area Aj	fected :	70%					
	Location: Roof Lap Seams.									
	Blisters, Extent : Light, Area Affected : 5%									
	Location: Engine Side.									
			Moderate, Area	Affected	l : 15%					
	Location : I	Lower Roof	Area							
	Other Observ	ation, Exter	ıt : Moderate, A	Area Affe	cted : 30%					
	Location: 2									
	Explanation	ı : Internal I	Fixed Hatch La	dder Pui	lling From Masoni	у				
terior										

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

Asset #: 13033

rchitecture		Current I	Repair	Futur	e Replacement	М	Maintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior								
Floors Cast in Place Concrete	Location	: Both But	\$46,300 Extent : Light, Area Elding Apparatus F Extent : Moderate, A	loors.		5	\$19,900	
	Other Obs Location	ervation, E : 1932 Sec						
		tion : Appa nent On 19	ratus Floor Slab Is 32 Side	Old And	l Does Not Carry	Current L	.oads - Needs	
Ceramic Tile Quarry Tile	10% 5% Broken/Mi	Now issing Elem	\$600 nents, Extent : Ligh	2035 2031 t, Area A	* * * * ffected : 2%	5 5	\$2,300 \$900	
Terrazzo Vinyl Tile	Location 5% 40%	: Kitchen		LIFE 2021	* * \$75,700	5 3	\$1,800 \$4,600	
vinyi The	Worn/Eroc	ded, Extent : Through	: Moderate, Area . out			3	ψ+,000	
Interior Walls								
Ceramic Tile Concrete Masonry Unit			\$6,800 ent : Light, Area Af Side Stair Shaft.	2029 LIFE fected : 5	* * * *	5 5	\$1,600 \$6,300	
Marble Panels Plaster	Location Water Pen	: Roof Lac etration, E	\$6,100 : Moderate, Area dder Shaft At Secon xtent : Light, Area us Floor Both Hou	d Floor Affected		10 5	\$600 \$2,400	
SGFT/Glazed Masonry	15% Diagonal	Now Cracks, Ex	\$17,800 tent : Severe, Area Tracking Througho	LIFE Affected		Floor.		
Ceilings								
AcousTileSusp.Lay-In Exposed Concrete	Location Spalling, E	: Engine S	\$107,400 Extent : Severe, Are Side Basement Stee vere, Area Affected tt	l At Ceili		5 5	\$1,100 \$1,800	
Plaster			xtent : Severe, Are Side Basement. \$6,600	a Affecte	d:30% **	5	\$6.400	
riastei	Broken/Mi Location Cracking/	issing Elem : Apparati Crumbling,	\$6,000 nents, Extent : Mod us Floor Both Hou Extent : Light, Ar Side Of 1st Floor, 2	erate, Ar ses. ea Affecte	rea Affected : 5% ed : 5%	S	\$6,400	

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

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

Asset #: 13033

Electrical		Current l	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts	•			-				-
Service Equipment								
Molded Case Bkrs	100%			2026	\$4,700	5	\$400	
			Extent : Light, Area	Affected	: 100%			
		: Basemen						
	Explana	tion : 300 A	Amp Service					
Switchgear / Switchboard Molded Case Bkrs	1000/			2036	* *	5	\$400	
	100%			2030	-444-	5	\$400	
Raceway Conduit	100%			2036	* *	1		
Panelboards	10070			2030	<u> </u>	1		
Molded Case Bkrs	50%			2025	\$18,800	5	\$200	
Molded Case Bkrs	50%			2034	**	5	\$200	
Wiring	2270						7-30	
Thermoplastic	50%			2026	\$13,500	1		
Thermoplastic	50%			2036	* *	1		
Ground	<u> </u>							
Grounding Devices		0 -			_	_		
Generic	100%	0-2	\$2,800	LIFE	* *	5	\$200	
			Extent : Light, Area	Affected	: 100%			
		: Basemen	t nd Clamp And Wir	a Ara Ca	proded			
Stand-by Power	Елриана	ion . Grou	па Статр Апа WII	e AIE CO	птоиеи.			
Transfer Switches								
Automatic	100%			2031	* *	1	\$4,700	
Generators								
Diesel	100%			2029	* *	1	\$5,900	
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
		: Basemen						
	Explana	tion : 25 K	W					
Batteries	4005			2010	4. 7 00	_	4.00	
Lead/Acid	100%			2019	\$1,500	5	\$600	
Fuel Storage Main Tonk	1000/			2041	* *	5	¢400	
Main Tank	100%	ervation L	Extent : Light, Area	2041		5	\$400	
		ervanon, E : Basemen	-	пујестеа	. 100/0			
		: . <i>Basemen</i> tion : 275 (
Lighting	=p venten							
Interior Lighting								
Fluorescent	95%			2026	\$90,600	10	\$13,300	
Incandescent	5%			2021	\$4,800	2		
Egress Lighting								
Emergency, Service	100%			2026	\$7,300	1		
Exterior Lighting	_			_		_		
HID	75%			2026	\$42,100	10		
Incandescent	25%			2021	\$11,900	2		

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

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

Asset #: 13033

Mechanical	Current I	Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2046	* *	1		
Conversion Equipment							
Hot Water Boiler	50%		2039	* *	1	\$3,800	
Steam Boiler	50%		2039	* *	1	\$7,500	
Distribution	500/		20.42	* *	4	¢<00	
Hot Wtr Piping/Pump	50%		2042	* *	4	\$600	
Steam Piping/Pump Terminal Devices	50%		2046	4. 4.	4	\$600	
Convector/Radiator	100%		2031	* *	1	\$4,900	
Air Conditioning	100%		2031		1	\$4,900	
Energy Source							
Electricity	100%		2042	* *	1		
Conversion Equipment	10070		2012		1		
Ext Pkg Unit - Cooling	20%		2021	\$13,700	2	\$200	
Entring office Cooling	R-22 Refrigerant, Ext	tent : Light, Area Af			_	Ψ200	
	Location : Roof	0 / 33					
Split Unit	5%		2031	* *			
Window/Wall Unit	60%		2024	\$18,300	1		
No Component	15%		2021	Ψ10,200	1		
Distribution	10,0						
Ductwork/Diffusers	20%		LIFE	* *	2	\$5,000	
No Component	80%					1-,	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$13,400	
Exhaust Fans							
Interior	100%		2026	\$16,400	2	\$500	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2036	* *	1		
Water Heater							
Gas Fired	100%		2024	\$3,500	2	\$200	
	Other Observation, E		Affected	: 100%			
	Location: Basemen						
Constant Division	Explanation: 2 - 75	Gallon Units					
Sanitary Piping Cast Iron	1000/		LIFE	* *	1		
Storm Drain Piping	100%		LIFE		1		
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	10070		LII.E		1		
Rigid Piping	100%		2031	* *	4	\$1,600	
ragio i iping	Other Observation, E	Extent : Light Area			7	φ1,000	
	Location : Basemen		- _{JJ} eereu	. 100/0			
	Explanation: 2 Uni						
Fixtures							
Generic	100%						

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

Asset #: 13033

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE

Address : 451-453 EAST 176TH ST.

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 12,000 Project Type : FIRE DEPARTMENT

Date of Survey : 19-Sep-2011 Landmark Status : NONE

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

Block : 2909 Lot : 40 BIN : 2009541

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$66,800	\$51,300
Interior Architecture	\$248,900	
Electrical		\$83,100
Total	\$315,700	\$134,400
Importance Code A	\$66,800	\$51,300
Importance Code B	\$248,900	\$83,100
Total	\$315,700	\$134,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$55,400	\$12,100	\$2,200	\$900
Interior Architecture	\$15,500		\$1,000	\$4,500
Electrical	\$1,800	\$2,400	\$1,500	\$800
Mechanical	\$3,100	\$1,000	\$4,500	\$1,000
Total	\$75,800	\$15,600	\$9,200	\$7,200
Importance Code A	\$56,000	\$12,800	\$2,800	\$1,400
Importance Code B	\$13,800	\$2,800	\$6,400	\$5,700
Importance Code C	\$5,900			
Total	\$75.800	\$15,600	\$9,200	\$7,200



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

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

BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE

Asset #: 13383

rchitecture		Current	Repair	Futur	ture Replacement Maintenance			
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	2-4	\$12,900	LIFE	* *	5	\$12,700	
		· Miss/Ero : Front Fo	d, Extent : Moderat acade	e, Area 1	Affected : 30%			
Masonry: Brick	70%	Now	\$66,800	LIFE	* *	5	\$22,700	
		Miss/Ero Front Fo:	d, Extent : Moderat acade	e, Area 1	Affected : 20%			
Masonry: Brownstone	10%	Now	\$30,000	LIFE	* *	5	\$2,400	
	Broken/Mi Location	ssing Elen : At Overi	nents, Extent : Mod head Door Frames	erate, Ar		C	42, 100	
			t : Severe, Area Affe head Door Frames	eciea : 10	0%			
W 10 1 15		. At Overi	ieaa Door Frames	2020	alo de		#212 00	
Wood Overhead Doors	15%			2028	* *	5	\$24,300	
Windows Aluminum	100%			2045	* *	5	\$1,700	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$6,300	
Copper/Terne	20%			2067	* *	5	\$3,900	
Masonry: Brick	60%			LIFE	* *	5	\$2,400	
Roof								
Roll Roofing	95%			2022	\$51,300	5	\$21,200	
Skylight, Metal/Glass	5%			2049	* *	10	\$2,200	
terior								
Floors			40.400			_	40.000	
Cast in Place Concrete	25%	4+	\$9,100	LIFE	**	5	\$9,800	
	_	_	Extent : Moderate	, Area A	ffected : 10%			
		: Apparat	us Room					
Ceramic Tile	5%			2032	* *	5	\$900	
Panel/Paver: Cer/Brk	15%			2031	* *	5	\$6,100	
Quarry Tile	10%			2036	* *	5	\$2,700	
Vinyl Tile	45%			2031	* *	3	\$3,000	
			Extent : Light, Area	Affected	l : 100%			
	Location	: Second A	And Third Floors					
Interior Walls								
Ceramic Tile	10%			2032	* *	5	\$2,500	
Gypsum Board	80%			LIFE	* *	5	\$11,900	
			Extent : Light, Area And Third Floors	Affected	l : 100%			
Masonry: Brick	10%	4+	\$4,700	LIFE	* *			
	Diagonal		tent : Moderate, Ar		ted : 5%			
			 d, Extent : Moderat	e. Area	Affected: 10%			
		: Basemer		c, 111 cu 1	-yj -cica . 10/0			

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

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

BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE

Asset #: 13383

		Repair		e Replacement	1010	aintenance	
% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
50%			2040	* *	5	\$9,000	
cent Rep	lace Evide	nt, Extent : Light,	Area Aff	ected : 100%			
ocation	: Second A	nd Third Floors					
25%			LIFE	* *	5	\$2,000	
cent Rep	air Eviden	t, Extent : Light, A	rea Affe	cted : 100%		. ,	
•			33				
5%	2-4	\$184,700	LIFE	* *			
rrosion/I	Rusting, E.	xtent : Moderate, A	Area Affe	cted : 30%			
ocation .	: Basemen	t					
10%			LIFE	* *	5	\$2,200	
10%	Now	\$64,200	LIFE	* *			
acking/C	rumbling,	Extent : Severe, A	rea Affec	cted : 15%			
ocation .	: Basemen	t					
ose Unit	s, Extent :	Moderate, Area Aj	fected : .	5%			
			,				
	50% cent Repocation 25% cent Repocation 5% rrosion/ocation 10% acking/Cocation oose Unit.	50% cent Replace Evide ocation: Second A 25% cent Repair Eviden ocation: Apparatu 5% 2-4 rrosion/Rusting, Ex ocation: Basemen 10% 10% Now acking/Crumbling, ocation: Basemen. ose Units, Extent:	50% cent Replace Evident, Extent: Light, ocation: Second And Third Floors 25% cent Repair Evident, Extent: Light, A ocation: Apparatus Room 5% 2-4 \$184,700 rrosion/Rusting, Extent: Moderate, A ocation: Basement 10% 10% Now \$64,200 acking/Crumbling, Extent: Severe, A ocation: Basement	Total (Years) 50% cent Replace Evident, Extent: Light, Area Affeocation: Second And Third Floors 25% LIFE cent Repair Evident, Extent: Light, Area Affeocation: Apparatus Room 5% 2-4 \$184,700 LIFE rrosion/Rusting, Extent: Moderate, Area Affeocation: Basement 10% LIFE 10% Now \$64,200 LIFE acking/Crumbling, Extent: Severe, Area Affeocation: Basement ose Units, Extent: Moderate, Area Affected:	Total (Years) 50% 2040 ** cent Replace Evident, Extent: Light, Area Affected: 100% ocation: Second And Third Floors 25% LIFE ** cent Repair Evident, Extent: Light, Area Affected: 100% ocation: Apparatus Room 5% 2-4 \$184,700 LIFE ** rrosion/Rusting, Extent: Moderate, Area Affected: 30% ocation: Basement 10% LIFE ** acking/Crumbling, Extent: Severe, Area Affected: 15% ocation: Basement ose Units, Extent: Moderate, Area Affected: 5%	Total (Years) FY (Yrs) 50% 2040 ** 5 cent Replace Evident, Extent: Light, Area Affected: 100% ocation: Second And Third Floors 25% LIFE ** 5 cent Repair Evident, Extent: Light, Area Affected: 100% ocation: Apparatus Room 5% 2-4 \$184,700 LIFE ** rrosion/Rusting, Extent: Moderate, Area Affected: 30% ocation: Basement 10% LIFE ** 5 10% Now \$64,200 LIFE ** cacking/Crumbling, Extent: Severe, Area Affected: 15% ocation: Basement ose Units, Extent: Moderate, Area Affected: 5%	Total (Years) FY (Yrs) 50% 2040 ** 5 \$9,000 cent Replace Evident, Extent: Light, Area Affected: 100% ocation: Second And Third Floors 25% LIFE ** 5 \$2,000 cent Repair Evident, Extent: Light, Area Affected: 100% ocation: Apparatus Room 5% 2-4 \$184,700 LIFE ** rrosion/Rusting, Extent: Moderate, Area Affected: 30% ocation: Basement 10% LIFE ** 5 \$2,200 10% Now \$64,200 LIFE ** acking/Crumbling, Extent: Severe, Area Affected: 15% ocation: Basement ose Units, Extent: Moderate, Area Affected: 5%

Electrical	Current Rep	pair Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2023	\$4,700	5	\$100	
Raceway						
Conduit	50%	2023	\$15,300	1		
Conduit	50%	2043	* *	1		
Panelboards						
Molded Case Bkrs	50%	2022	\$18,800	5	\$200	
Molded Case Bkrs	50%	2039	* *	5	\$200	
Wiring						
Thermoplastic	50%	2033	* *	1		
Thermoplastic	50%	2043	* *	1		
Motor Controllers						
Locally Mounted	100%	2021	\$14,100	5	\$100	
Stand-by Power						
Transfer Switches						
Automatic	100%	2028	* *	1	\$3,700	
Generators						
Diesel	100%	2026	\$64,300	1	\$4,700	
	Other Observation, Exte	nt : Light, Area Affected	! : 100%			
	Location: Basement					
	Explanation: 64 Kw					
Batteries						
Lead/Acid	50%	2017	\$700	5	\$200	
No Component	50%					
No Component	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.

BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE

Asset #: 13383

Electrical	Current Repair	Future Re	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Stand-by Power							
Fuel Storage							
Day Tank	50%	2039	* *	5	\$1,100		
Main Tank	50%	2038	* *	5	\$200		
Lighting							
Interior Lighting							
Fluorescent	99%	2031	* *	10	\$10,900		
	Other Observation, Extent : Light, Location : Throughout	Area Affected : 10	00%				
	Explanation: Mostly T-8						
Incandescent	1%	2018	\$800	2			
Egress Lighting							
Emergency, Battery	10%	2023	\$1,600	10	\$300		
Exit, Battery	90%	2028	* *	10	\$700		
Exterior Lighting							
HID	25%	2023	\$11,100	10			
No Component	75%						

Mechanical	Current Repair	Futur	Future Replacement Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		
	Recent Replace Evident, Extent: Light,	Area Aff	ected : 100%			
	Location : Throughout					
Conversion Equipment						
Hot Water Boiler	100%	2040	* *	1	\$5,900	
	Recent Replace Evident, Extent: Light,	Area Aff	ected : 100%			
	Location : Throughout					
Distribution						
Hot Wtr Piping/Pump	100%	2045	* *	4	\$900	
	Recent Replace Evident, Extent: Light,	Area Aff	ected : 100%			
	Location : Throughout					
Terminal Devices						
Convector/Radiator	100%	2040	* *	1	\$3,900	
	Recent Replace Evident, Extent: Light,	Area Aff	ected : 100%			
	Location: Throughout					
Air Conditioning						
Energy Source						
Electricity	100%	2045	* *	1		
Conversion Equipment						
Ext Pkg Unit - Cooling	95%	2031	* *	2	\$700	
	Other Observation, Extent : Light, Area	ı Affected	: 100%			
	Location: Roof					
	Explanation: 16 Split Units Using Ra	410 A				
No Component	5%					

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

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

BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE

Asset #: 13383

lechanical	Current Repair	Future Repla	cement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estima	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
r Conditioning						
Heat Rejection						
Remote Air Cond	95%	2031	* *	2	\$7,900	
No Component	5%					
entilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$6,700	
Exhaust Fans						
Wall Unit	100%	2031	* *	2	\$400	
umbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
	No Water Meter, Extent : Light, A.	rea Affected : 100%				
	Location : Basement					
	Recent Installation, Extent: Light,	, Area Affected : 100%				
	Location: Throughout					
Water Heater						
Gas Fired	100%	2022	\$2,700	2	\$200	
	Other Observation, Extent : Light,	Area Affected: 100%				
	Location: Basement					
	Explanation : 1-75 Gallon Unit					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
	Recent Replace Evident, Extent : I	Light, Area Affected : I	00%			
	Location: Throughout					
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Rigid Piping	100%	2031	* *	4	\$1,600	
	Other Observation, Extent: Light,	Area Affected: 100%				
	Location: Basement					
	Explanation: 2 Units - One Serv	ves Each Side				
Fixtures						
Generic	100%					

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

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

Page: 24

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : COMMUNICATIONS CENTER - S.I.

Address : 65 SLOSSON AVENUE @ CLOVE LAKES PARK

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

Area Sq Ft : 11,550 Project Type : FIRE DEPARTMENT

Date of Survey : 13-Feb-2012 Landmark Status : NONE

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

Block : 319 Lot : 1 BIN : 5112428

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		\$42,600
Mechanical		\$141,000
Total		\$183,600
Importance Code B		\$183,600
Total		\$183,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		\$5,300		
Electrical	\$30,800	\$3,200	\$1,700	\$2,200
Mechanical	\$8,900	\$3,200	\$5,200	\$1,400
Total	\$39,700	\$11,700	\$6,900	\$3,500
Importance Code A	\$600	\$5,900	\$600	\$600
Importance Code B	\$39,100	\$5,800	\$6,300	\$3,000
Total	\$39,700	\$11,700	\$6,900	\$3,500



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

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

Asset #: 1997

Architecture	Current Repa	ir Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior						
Exterior Walls	20/	LIDE	ماه ماه	~	Ф1 400	
Cast in Place Concrete	3%	LIFE	* *	5	\$1,400	
Masonry: Brick	80%	LIFE	* *	5	\$7,600	
	Recent Repair Evident, Ex Location : Throughout	tent : Light, Area Affec	cted : 25%			
Metal Panel	5%	2043	* *	5-10	\$3,300	
Metal Panel	10%	2043	* *	5-10	\$6,600	
Window Wall	2%	2043	* *	5	\$700	
Windows						
Aluminum	95%	2048	* *	5	\$2,600	
	Recent Replace Evident, E Location : Throughout	Extent : Light, Area Affa	ected : 100%			
Glass Block	5%	LIFE	* *	5	\$100	
	Recent Replace Evident, E Location : North Facade	-	ected : 100%			
Roof						
Modified Bitumen	90%	2033	* *	10	\$9,000	
	Recent Replace Evident, E Location : Throughout	Extent : Light, Area Affo	ected : 100%			
Modified Bitumen	10%	2028	* *	10	\$1,000	
nterior Floors						
Under Construction	100%					
Interior Walls						
Under Construction	100%					
Ceilings						
Under Construction	100%					

lectrical		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts								
Service Equipment								
Not Accessible	100%							
Transformers								
Not Accessible	100%							
Switchgear / Switchboard								
Not Accessible	100%							
Raceway								
Conduit	50%			2023	\$13,600	1		
Conduit	50%			2049	* *	1		
Panelboards								
Molded Case Bkrs	50%			2022	\$14,600	5	\$200	
Molded Case Bkrs	50%			2045	* *	5	\$200	

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

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

Asset #: 1997

Electrical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Jnder 600 Volts	•	•				
Wiring						
Thermoplastic	50%	2033	* *	1		
Thermoplastic	50%	2049	* *	1		
Motor Controllers						
Locally Mounted	100%	2040	* *	5	\$100	
Ground						
Grounding Devices						
Not Accessible	100%					
tand-by Power						
Transfer Switches	1000/					
Not Accessible	100%					
Generators	400/ N	\$20 £00 2020	* *	1	¢1 (00	
Diesel		\$28,600 2038		1	\$1,600	
	Other Observation, Extent : I Location : Sub Basement	иоае <i>га</i> не, Агеа Ајјеснеа	: 100%			
D : 1	Explanation : Not Operatio		nns Genset **		#1.000	
Diesel	40%	2036		1	\$1,800	
	Other Observation, Extent: 1		: 100%			
	Location: Generator Room					
	Explanation: (2) 638 Kva,				4000	
Diesel	20% Other Observation, Extent: I Location: Outside Explanation: No Available		* * : 100%	1	\$900	
Batteries		U				
Lead/Acid	100%	2018	\$1,500	5	\$400	
Fuel Storage					·	
Day Tank	50%	2045	* *	5	\$1,100	
Underground Storage	50%	LIFE	* *	5	\$400	
ighting						
Interior Lighting						
Fluorescent	70%	2031	* *	10	\$7,400	
	Other Observation, Extent: 1	Moderate, Area Affected	: 100%			
	Location: Throughout The	Building				
	Explanation: T-12 Lamps					
Under Construction	30%					
Egress Lighting						
Emergency, Service	50%	2031	* *	1		
Emergency, Battery	30%	2031	* *	10	\$800	
Exit, Service	20% Now	\$800 2033	* *	1		
	Not Functioning, Extent: Mo	derate, Area Affected : .	100%			
	Location: Throughout The	Ruilding				
	Location . Introughout The	Dilliang				
Exterior Lighting	Location . Throughout The	Dimanig				

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 #: 1997

Electrical	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm						
Security System						
Generic	100%	2031	* *	1	\$4,300	
	Other Observation, Extent : Mode	rate, Area Affected : 10	0%			
	Location : Throughout The Build	ling				
	Explanation : CCTV Surveillanc	e System				
Fire/Smoke Detection						
Generic	100%	2031	* *	1-3	\$7,100	
	Other Observation, Extent : Mode	rate, Area Affected : 10	0%			
	Location : Throughout The Build	ling				
	Explanation: Smoke Detectors,	Strobe Lights, Horns, M	Ianual Pu	ll Station	ıs	

Mechanical	Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2049	* *	5	\$3,600	
Conversion Equipment								
Hot Water Boiler	100%			2043	* *	1	\$5,700	
	Recent Rep	olace Evident,	Extent : Light, 1	Area Aff	ected : 100%			
	Location : Basement Boiler Room							
	Other Obs	ervation, Exte	ent : Light, Area	Affected	! : 100%			
	Location	: Basement E	Boiler Room					
	Explanat	ion : 1 Unit						
Distribution								
Hot Wtr Piping/Pump	40%			2048	* *	4	\$200	
Hot Wtr Piping/Pump	60%			2022	\$34,000	4	\$500	
Terminal Devices								
Convector/Radiator	60%	Now	\$6,400	2021	\$63,900	1	\$2,000	
	Damaged,	Extent : Seve	re, Area Affected	d: 20%				
	Location	: Various Are	eas					
Not Accessible	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating	80%			2023	\$30,600	1	\$4,300	
Compr/Chiller								
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	80%			2033	* *	4	\$700	
No Component	20%							
Terminal Devices								
No Component	20%							
Not Accessible	25%							
Under Construction	55%							

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

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

Asset #: 1997

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Remote Air Cond	80%			2023	\$43,100	2	\$6,400	
No Component	20%							
Ventilation								
Distribution								
Under Construction	100%							
Exhaust Fans								
Roof	20%			2018	\$1,800	2	\$100	
Under Construction	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2049	* *	1		
Galv Iron/Steel	40%			2021	\$13,500	1		
Water Heater								
Electric	100%			2023	\$1,700	4	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	\$1,600	
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Under Construction	100%							
Fire Suppression								
Sprinkler								
Not Accessible	25%							
Under Construction	75%							

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

Page: 29

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : COMMUNICATIONS CENTER-BRONX

Address : 1129 EAST 180TH STREET @ BRONX PARK

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 10,860 Project Type : FIRE DEPARTMENT

Date of Survey : 07-Feb-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1, atc

Block : 4333 Lot : 1 BIN : 2101003

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$49,000	
Interior Architecture		\$639,900
Total	\$49,000	\$639,900
Importance Code A	\$49,000	
Importance Code C		\$639,900
Total	\$49,000	\$639,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		\$2,800	\$1,400	\$1,700
Interior Architecture		\$2,500	\$2,100	\$1,300
Electrical	\$3,400	\$11,800	\$2,600	\$1,800
Mechanical	\$2,600	\$5,100	\$3,400	\$3,400
Total	\$6,100	\$22,300	\$9,600	\$8,100
Importance Code A	\$500	\$3,400	\$2,000	\$2,200
Importance Code B	\$5,500	\$18,900	\$6,000	\$5,900
Importance Code C			\$1,600	
Total	\$6,100	\$22,300	\$9,600	\$8,100



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

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

Asset #: 1996

Architecture		Current I	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior	•			•				•
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	\$9,900	
Masonry: Brick	87%			LIFE	* *	5	\$22,000	
Masonry: Brick	3%			LIFE	* *	5	\$800	
Masonry: Limestone	2%			LIFE	* *	5	\$400	
Window Wall	3%			2049	* *	5	\$2,800	
Windows								
Aluminum	100%			2045	* *	5	\$3,400	
Roof								
Clay Tile	93%		\$49,000	2043	* *			
	Other Ob:	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Through	out					
	Explana	tion : Ice B	reakers Missing					
Copper/Terne	7%			2058	* *	10	\$2,800	
terior								
Floors								
Carpet	27%			2024	\$57,100	3	\$6,900	
Cast in Place Concrete	25%			LIFE	* *	5	\$9,300	
Ceramic Tile	3%			2036	* *	5	\$500	
Quarry Tile	2%			2028	* *	5	\$500	
Raised Access Floor	15%			2036	* *	5	\$9,500	
Terrazzo	5%			LIFE	* *	5	\$700	
Vinyl Tile	23%			2028	* *	3	\$1,500	
Interior Walls								
Ceramic Tile	3%			2036	* *	5	\$400	
Concrete Masonry Unit	5%			LIFE	* *	5	\$300	
Fabric on Framing	45%			2024	\$639,900	5	\$3,200	
Gypsum Board	10%			LIFE	* *	5	\$900	
Gypsum Board	5%			LIFE	* *	5	\$400	
Masonry: Brick	10%			LIFE	* *			
Plaster	20%			LIFE	* *	5	\$900	
Wood	2%			LIFE	* *	5	\$1,100	
Ceilings								_
AcousTileSusp.Lay-In	15%			2040	* *	5	\$2,500	
Exposed Concrete	20%			LIFE	* *	5	\$500	
Gypsum Board	15%			LIFE	* *	5	\$3,200	
Plaster	50%			LIFE	* *	5	\$5,300	

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

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 #: 1996

Electrical	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Modero Location : Electrical Room	2043 ** ate, Area Affected : 100%	5		
	Explanation: Main Service Disco	nnect Switch Rated @ 2000 Ar	nperes		
Switchgear / Switchboard Fused Disc Sw	100%	2043 **	5		
Raceway Conduit	100%	2043 **	1		
Panelboards	100%	2043	1		
Molded Case Bkrs	100%	2039 **	5	\$300	
Wiring	10070	2037		Ψ300	
Thermoplastic	100%	2043 **	1		
Motor Controllers					
Locally Mounted	100%	2036 * *	5	\$100	
Ground Grounding Devices					
Generic	100%	LIFE **	5	\$200	
Stand-by Power Transfer Switches	1000			#2.200	
Automatic	100%	2036 * *	1	\$3,300	
Generators Diesel	50% Other Observation, Extent : Modera Location : Outside The Building	2032 ** ate, Area Affected : 100%	1	\$2,100	
Diesel	Explanation: 2 - 125 Kva 50% Other Observation, Extent: Modera Location: Generator Room		1	\$2,100	
Batteries	Explanation: 2 - 638 Kva, Kohler	· Power System			
Lead/Acid	100%	2017 \$1,500	5	\$400	
Fuel Storage Day Tank Underground Storage	50% 50%	2039 ** LIFE **	5	\$1,000 \$300	
Lighting				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Interior Lighting Fluorescent	90%	2028 **	10	\$9,000	
	Other Observation, Extent : Modero Location : Throughout The Buildin Explanation : T-8 Lamps	ng			
Fluorescent	8% Other Observation, Extent: Modera Location: Corridors		10	\$800	
Torrand	Explanation : Compact Fluoresce.				
Incandescent	2%	2028 **	2		

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

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

Asset #: 1996

Electrical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type		Tail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Service	50%		2028	* *	1		
Emergency, Battery	10%		2028	* *	10	\$300	
Exit, Service	40%		2028	* *	1		
Lightning Protection							
Arresters/Cabling							
Generic	100%		2051	* *	5	\$300	
		rvation, Extent : Moderate, A Tower And Roof	Area Affe	ected : 100%			
	Explanatio	on : Steel Lightning Rods					
Alarm							
Security System							
Generic	100%		2028	* *	1	\$4,100	
	Other Obser	rvation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location:	Inside And Outside The But	lding				
	Explanatio	on : CCTV Surveillance Syst	em And	Intrusion Alarm Sy	stem		
Fire/Smoke Detection							
Generic	100%		2028	* *	1-3	\$6,700	
	Other Obser	rvation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location:	Throughout The Building					
	Explanatio	on : Strobe Lights, Alarm Be	lls, Man	ual Pull Stations A	nd Smok	e Detectors	

Mechanical	Current Repair	Future Re	placement	Ma	aintenance				
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Heating									
Energy Source									
Fuel Oil No 2	100%	2043	* *	5	\$3,400				
Conversion Equipment									
Hot Water Boiler	100%	2040	* *	1	\$5,400				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Basement Boiler Room								
	Explanation: 2 Units								
Distribution									
Hot Wtr Piping/Pump	100%	2045	* *	4	\$800				
Terminal Devices									
Air Handler	60%	2031	* *	1	\$4,000				
	Other Observation, Extent: Light, A	rea Affected : 100	0%						
	Location: Throughout								
	Explanation: Very Difficult To Operate The B M S According To The Captain								
Convector/Radiator	40%	2040	* *	1	\$1,400				
Air Conditioning									
Energy Source									
Electricity	100%	2039	* *	1					

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

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

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

Asset #: 1996

Mechanical		Current Repair	Futur	e Replacement	М		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Conversion Equipment Reciprocating Compr/Chiller	80%		2028	* *	1	\$4,000	
Compil Cimier	R-22 Refr	igerant, Extent : Light, Area A	ffected :	80%			
	-	ı : Outside In The Yard	,,,				
No Component	20%						
Distribution							
Chilled Wtr Pipe/Pump	80%		2043	* *	4	\$400	
No Component	20%						
Terminal Devices							
Air Handler/Cool/Ht	80%		2031	* *	1	\$5,400	
No Component	20%						
Heat Rejection							
Remote Air Cond	80%		2028	* *	2	\$6,100	
No Component	20%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,100	
Exhaust Fans							
Interior	100%		2031	* *	2	\$300	
Plumbing							
H/C Water Piping	1000/		20.42	* *	4		
Brass/Copper	100%		2043	* *	1		
Water Heater	1000/		2022	Φ2.500	2	#200	
Gas Fired	100%		2022	\$2,500	2	\$200	
Sanitary Piping	1000/		LIDD	* *	1		
Cast Iron Fixtures	100%		LIFE		1		
Fixtures Generic	100%						
Fire Suppression	100%						
Sprinkler							
No Component	30%						
Generic	70%		2049	* *	1-2	\$2,100	
Generic	7070		ムリサノ		1-4	Ψ2,100	

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : COMMUNICATIONS CENTER-BROOKLYN
Address : 35 EMPIRE BLVD @ WASHINGTON AVE.

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 10,826 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Feb-2012 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1183 Lot : 51 BIN : 3029669

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		\$3,000		
Total		\$3,000		
Importance Code A		\$3,000		
Total		\$3,000		



Asset #: 1994

Architecture	Current Repair			e Replacement	Maintenance		
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Cast Stone/Terra Cotta	5%		LIFE	* *	5	\$13,800	
		ss, Extent : Light, Are	a Affected	d : 25%			
	Location : Corni	ces					
Masonry: Brick	92%		LIFE	* *	5	\$32,500	
	Repairs in Progres	ss, Extent : Light, Are	a Affected	d : 25%			
	Location: Throu	ghout					
Masonry: Limestone	3%		LIFE	* *	5	\$800	
·	Repairs in Progres	ss, Extent : Light, Are	a Affecte	d : 25%			
	Location: Spana	lrels, Lintels					
Windows							
Aluminum	100%		2048	* *	5	\$6,000	
	Recent Replace Ev	vident, Extent : Light,	Area Affe	ected : 100%			
	Location : Throu	ghout					
Roof							
Clay Tile	100%		2043	* *	10	\$28,700	
		ss, Extent : Light, Are	a Affected	d : 25%			
	Location : Throu	ghout					
Interior							
Floors							
Under Construction	100%						
Interior Walls							
Under Construction	100%						
Ceilings							
Under Construction	100%						

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
Under 600 Volts								
Service Equipment								
Under Construction	100%							
Transformers								
Under Construction	100%							
Switchgear / Switchboard								
Under Construction	100%							
Raceway								
Under Construction	100%							
Panelboards								
Under Construction	100%							
Wiring		•						•
Under Construction	100%							
Motor Controllers		•						•
Under Construction	100%							

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 #: 1994

lectrical Current Repair		Repair	Futur	re Replacement	M			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Under Construction	100%							
Stand-by Power								
Transfer Switches								
Under Construction	100%							
Generators								
Under Construction	100%							
Batteries								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
Lighting								
Interior Lighting								
Under Construction	100%							
Egress Lighting								
Under Construction	100%							
Exterior Lighting								
Under Construction	100%							
Lightning Protection								
Arresters/Cabling								
Under Construction	100%							
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current	Current Repair Future Replace		Replacement	Ma	Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Under Construction	100%						
	Other Observation, E	Extent : Light, Area	Affected : 0	0%			
	Location:						
	Explanation : The I	Building Is Under C	Construction	ı. No Access To	Interior		
Conversion Equipment							
Not Accessible	100%						
Distribution							
Not Accessible	100%						
Terminal Devices							
Not Accessible	100%						
Air Conditioning							
Energy Source							
Not Accessible	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.

FIRE DEPARTMENT - 057 COMMUNICATIONS CENTER-BROOKLYN

Mechanical		Current l	Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Not Accessible	100%							
Distribution								
Not Accessible	100%							
Terminal Devices								
Not Accessible	100%							
Heat Rejection								
Not Accessible	100%							
Ventilation								
Distribution								
Not Accessible	100%							
Exhaust Fans								
Not Accessible	100%							
Plumbing								
H/C Water Piping	1000/							
Not Accessible	100%							
Water Heater	400							
Not Accessible	100%							
HW Heat Exchanger	400							
Not Accessible	100%							
Sanitary Piping	1000/							
Not Accessible	100%							
Storm Drain Piping	1000/							
Not Accessible	100%							
Sump Pump(s)	400							
Not Accessible	100%							
Sewage Ejector(s)	1000/							
Not Accessible	100%							
Backflow Preventer	1000/							
Not Accessible	100%							
Fixtures	400							
Not Accessible	100%							
Fire Suppression								
Standpipe	1.000							
Not Accessible	100%							
Sprinkler	1000							
Not Accessible	100%							
Fire Pump	1000							
Not Accessible	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.

Page: 38

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : COMMUNICATIONS CENTER-MANHATTAN

Address : 79TH STREET TRANSVERSE ROAD CENTRAL PARK

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 13,416 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Feb-2012 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1

Block : 1111 Lot : 1 BIN : 1083814

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$133,300	\$81,800
Electrical	\$105,000	\$174,600
Total	\$238,300	\$256,400
Importance Code A	\$133,300	\$81,800
Importance Code B	\$105,000	\$174,600
Total	\$238,300	\$256,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$2,100			\$2,500
Electrical	\$1,500	\$7,100	\$1,500	\$2,000
Mechanical	\$2,700	\$7,000	\$3,600	\$1,700
Total	\$6,400	\$14,100	\$5,100	\$6,300
Importance Code A	\$3,400	\$1,400	\$1,200	\$3,700
Importance Code B	\$3,000	\$12,700	\$3,900	\$2,500
Total	\$6,400	\$14,100	\$5,100	\$6,300



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

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

Asset #: 1993

Architecture	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior						
Exterior Walls	20/ 37	Φ 2 100 - Ι ΙΕΤΕ	de de	_	Φ. Τ. Ο. Ο.	
Masonry: Brick	2% Now Broken/Missing Elements, 1	\$2,100 LIFE Extent : Moderate, Ar	* * ea Affected : 20%	5	\$700	
	Location : Coping At Chir	nney				
	Other Observation, Extent :	Moderate, Area Affe	cted : 100%			
	Location: Chimney					
	Explanation : Stucco On I	Brick				
Masonry: Granite	68%	LIFE	* *	5	\$16,700	
Pre-Cast Concrete	30%	LIFE	* *	5	\$32,000	
Windows						
Aluminum	90%	2045	* *	5	\$5,000	
	Recent Replace Evident, Ex Location : Throughout	tent : Light, Area Affe	ected : 100%			
Metal Louvers	10%	2032	* *	10	\$3,500	
Parapets						
Pre-Cast Concrete	100%	LIFE	* *	5	\$81,800	
	Recent Repair Evident, Exte Location : Throughout	ent : Light, Area Affec	eted : 25%			
Roof						
Copper/Terne	90%	2038	* *	10	\$120,000	
Copper/Terne	10%	2058	* *	10	\$13,300	
	Recent Replace Evident, Ex	tent : Light, Area Affe	ected : 100%			
	Location : At Perimeter					
nterior						
Floors Under Construction	100%					
Interior Walls	100%					
Under Construction	100%					
Ceilings	100/0					
Under Construction	100%					
- Chack Constitution	10070					

Electrical	Current Repair	Future Replacement	N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co FY	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts					
Service Equipment					
Molded Case Bkrs	100%	2043 *	* 5	\$400	
	Other Observation, Extent: Moderate, A	Area Affected : 100%			
	Location: Electrical Room				
	Explanation : Main Service Disconnec	rt Switches Rated @ 120	Amperes	And 700 Amperes	
Transformers					
Dry Type	100%	2021 \$16,90	0 5	\$100	
, ,,	Other Observation, Extent : Moderate, A	Area Affected : 100%			
	Location: Electrical Room				
	Explanation: 75 Kva				

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

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

Asset #: 1993

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
Under 600 Volts	•			•	•			•
Switchgear / Switchboard								
Fused Disc Sw	60%			2023	\$62,700	5		
Molded Case Bkrs	40%			2043	* *	5	\$100	
Raceway								
Conduit	60%			2023	\$17,800	1		
Conduit	40%			2043	* *	1		
Panelboards								
Molded Case Bkrs	60%			2022	\$19,200	5	\$200	
Molded Case Bkrs	40%			2039	* *	5	\$100	
Wiring								
Thermoplastic	50%			2023	\$25,000	1		
Thermoplastic	50%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2021	\$22,100	5	\$100	
Locally Mounted	30%			2036	* *	5		
Ground								
Grounding Devices	1000/							
Not Accessible	100%							
Stand-by Power								
Transfer Switches Automatic	100%			2040	* *	1	\$4,100	
Generators	100%			2040		1	\$4,100	
Diesel	100%			2036	* *	1	\$5,200	
Diesei		ervation F	xtent : Moderate, A			1	\$5,200	
		: Generate		170011990	. 100/0			
			00 Kw Detroit Dies	el Gener	rators			
Batteries	Zivp resiren		o III, Bellett Bies					
Lead/Acid	100%			2018	\$1,600	5	\$500	
Fuel Storage					, ,		, , , , ,	
Day Tank	50%			2045	* *	5	\$1,200	
		ervation, E	xtent : Moderate, A		ected : 100%		, ,	
		: Generate						
	Explanat	tion : 275 C	Gallons Capacity					
Underground Storage	50%			LIFE	* *	5	\$400	
Lighting							,	
Interior Lighting								
Fluorescent	30%			2018	\$50,900	10	\$3,500	
	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Through	out The Building					
	Explana	tion : T-12	Lamps					
Fluorescent	70%			2031	* *	10	\$8,100	
		ervation, E	xtent : Moderate, A		ected : 100%		,	
			out The Building					
		tion : T-8 L						

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

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

Asset #: 1993

Electrical	Cui	rrent Repair	Futur	re Replacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Egress Lighting							
Emergency, Service	50%		2031	* *	1		
Emergency, Battery	5%		2031	* *	10	\$200	
Exit, LED	45%		2058	* *	1		
Exterior Lighting							
HID	100%		2018	\$54,200	10		
Lightning Protection							
Arresters/Cabling							
Generic	100%		2026	\$43,500	5	\$600	
Alarm							
Security System							
Generic	100%		2023	\$43,400	1	\$5,000	
	Other Observat	tion, Extent : Moderate, A	Area Affe	ected : 100%			
	Location: Th	roughout The Building					
	Explanation:	CCTV Surveillance Syst	em And	Intrusion Alarm Sy.	stem		
Fire/Smoke Detection							
Under Construction	100%						

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Fuel Oil No 2	100%		2033	* *	5	\$3,900	
Conversion Equipment							
Steam Boiler	100%		2043	* *	1	\$12,400	
	Recent Replace Evid	ent, Extent : Light, A	Area Aff	ected : 100%			
	Location: Baseme	nt Boiler Room					
	Other Observation, I Location : Baseme	0 .	Affected	: 100%			
	Explanation: 2 Un	its					
Distribution							
Hot Wtr Piping/Pump	50%		2022	\$33,700	4	\$500	
Steam Piping/Pump	50%		2053	* *	4	\$500	
	Other Observation, I Location : Basemen	0 .	Affected	: 50%			
	Explanation: Base	ment Piping Has Be	en Repla	aced			
Terminal Devices							
Convector/Radiator	60%		2043	* *	1	\$2,400	
Under Construction	40%						
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		

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

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

Asset #: 1993

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ir Conditioning								
Conversion Equipment								
Reciprocating	40%			2033	* *	* 1	\$2,300	
Compr/Chiller	0401	T		A CC 4 - 1	. 400/			
		rvation, E : Rear Yai	Extent : Light, Area	Ађестеа	: 40%			
			a Air Conditioning S	vetom Fo	r Now Communi	cation Fa	inmant Poom	
No Component		on . Ivew .	Air Conditioning 5	ysiem 10	Tivew Communic	canon Eqi	пртені Коот	
No Component Under Construction	20% 40%							
Distribution	40%							
Chilled Wtr Pipe/Pump	40%			2053	* >	* 4	\$400	
Chined Wil Tipe/Tump		rvation. F	Extent : Light, Area		: 40%	7	Ψ 1 00	
		: Rear Yar		55				
			Air Conditioning S	ystem Fo	r New Communi	cation Equ	ipment Room	
No Component	20%			<u> </u>				
Under Construction	40%							
Terminal Devices								
Direct Expansion	40%			2033	* >	* 1		
•	Other Obse	rvation, E	Extent : Light, Area	Affected	: 40%			
	Location	: Basemen	t					
	Explanati	on : New	Air Conditioning S	ystem Fo	r New Communi	cation Eqi	iipment Room	
No Component	20%							
Under Construction	40%							
Heat Rejection								
Remote Air Cond	40%			2033	* >	* 2	\$3,500	
	Other Obse	rvation, E	Extent : Light, Area	Affected	: 40%			
	Location	: Rear Yar	d					
	Explanati	on : New	Air Conditioning S	ystem Fo	r New Communi	cation Eqi	iipment Room	
No Component	20%							
Under Construction	40%							
entilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	* 2-5	\$2,800	
			Extent : Light, Area					
			ication Equipment	Room, B	asement			
		on : New I	Ductwork					
Under Construction	60%							
Exhaust Fans						_		
Roof	30%			2018	\$3,200) 2	\$100	
Under Construction	70%							
lumbing								
lumbing H/C Water Piping	200:			2022				
lumbing H/C Water Piping Brass/Copper	20%			2033	* * * * * * * * * * * * * * * * * * *	1		
umbing H/C Water Piping Brass/Copper Galv Iron/Steel	20% 80%			2033 2021	\$32,000	1		
umbing H/C Water Piping Brass/Copper Galv Iron/Steel Water Heater	80%			2021	\$32,000) 1	\$100	
lumbing H/C Water Piping Brass/Copper Galv Iron/Steel Water Heater Electric) 1	\$100	
lumbing H/C Water Piping Brass/Copper Galv Iron/Steel Water Heater	80%			2021	\$32,000	0 1	\$100	

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

Estimates are rounded to the nearest hundred dollars.

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

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

Page: 43

FIRE DEPARTMENT - 057 COMMUNICATIONS CENTER-MANHATTAN

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Sump Pump(s)							
Rigid Piping	100%		2023	\$11,800	4	\$1,600	
Fixtures							
Under Construction	100%						

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : COMMUNICATIONS CENTER-QUEENS

Address : 83-98 WOODHAVEN BOULEVARD @ PARK LANE SOUTH

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 9,804 Project Type : FIRE DEPARTMENT

Date of Survey : 06-Feb-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 3866 Lot : 70 BIN : 4439147

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$150,700	
Mechanical		\$133,400
Total	\$150,700	\$133,400
Importance Code A	\$150,700	
Importance Code B		\$133,400
Total	\$150,700	\$133,400

\$14,600 \$11,400 \$1,600	\$6,100 \$19,800	\$500 \$10,200	\$2,500 \$11,000
, ,	1 - 7		
\$14,600	\$6,100	\$500	\$2,500
\$27,600	\$25,900	\$10,700	\$13,500
\$3,900	\$3,900	\$3,900	\$3,900
\$2,900	\$3,900	\$4,000	\$2,500
\$3,300	\$10,300	\$2,300	\$1,600
\$3,300	\$2,100	\$300	\$3,400
\$14,200	\$5,600		\$2,000
FY 2017	FY 2018	FY 2019	FY 2020
	\$14,200 \$3,300 \$3,300 \$2,900 \$3,900	\$14,200 \$5,600 \$3,300 \$2,100 \$3,300 \$10,300 \$2,900 \$3,900 \$3,900 \$3,900	\$14,200 \$5,600 \$3,300 \$2,100 \$300 \$3,300 \$10,300 \$2,300 \$2,900 \$3,900 \$4,000 \$3,900 \$3,900 \$3,900



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

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

Asset #: 1995

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior									
Exterior Walls									
Masonry: Brick	85%			LIFE	* *	5	\$20,400		
Masonry: Granite	3%			LIFE	* *	5	\$500		
Masonry: Limestone	10%	Now	\$14,200	LIFE	**	5	\$1,800		
		r Miss/Eroc : Cornices	d, Extent : Light, A	rea Affec	tea : 10%				
			Extent : Moderate	Amag A	ffootod , 100/				
		iscoloring, : Cornices		, Area Aj	ijeciea . 10%				
Matal Cailing Doors		. Cornices	•	2028	* *		¢1.500		
Metal Coiling Doors Windows	2%			2028		5	\$1,500		
Aluminum	100%			2045	* *	5	\$4,100		
Roof	10070			2043			φ+,100		
Clay Tile	95%	Now	\$150,700	2043	* *				
Ciay The			ents, Extent : Ligh		ffected : 5%				
		: Through	_		<i>3</i>				
		_	ss, Extent : Moder	ate, Area	Affected : 25%				
		: Through							
	Miss/Damaged Flashings, Extent: Moderate, Area Affected: 20%								
		agear rasn	ings, Daicin . mou	eruie, Ar	carijjecica . 2070				
		: At Dome	_	eruie, Ar	earyjeerea : 2070				
	Location	: At Dome	_						
	Location Water Pen	: At Dome	xtent : Moderate, A						
Copper/Terne	Location Water Pen	: At Dome etration, E	xtent : Moderate, A			10	\$4,900		
nterior	Location Water Pen Location	: At Dome etration, E	xtent : Moderate, A	Area Affe	cted : 10%	10	\$4,900		
nterior Floors	Location Water Pen Location 5%	: At Dome etration, E	xtent : Moderate, A	Area Affe	cted : 10% **				
nterior Floors Carpet	Location Water Pen Location 5%	: At Dome etration, E	xtent : Moderate, A	2058 2024	** \$51,300	3	\$6,200		
nterior Floors Carpet Cast in Place Concrete	Location Water Pen Location 5% 30% 20%	: At Dome etration, E	xtent : Moderate, A	2058 2024 LIFE	** \$51,300 **	3 5	\$6,200 \$6,000		
nterior Floors Carpet Cast in Place Concrete Ceramic Tile	Location Water Pen Location 5% 30% 20% 5%	: At Dome etration, E	xtent : Moderate, A	2058 2024 LIFE 2036	** \$51,300 ** **	3 5 5	\$6,200 \$6,000 \$700		
nterior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor	Location Water Pen Location 5% 30% 20% 5% 20%	: At Dome etration, E	xtent : Moderate, A	2058 2024 LIFE 2036 2036	\$51,300 ** ** **	3 5 5 5	\$6,200 \$6,000 \$700 \$10,300		
nterior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo	Location Water Pen Location 5% 30% 20% 5% 20% 5%	: At Dome etration, E	xtent : Moderate, A	2058 2024 LIFE 2036 2036 LIFE	\$51,300 ** ** ** **	3 5 5 5 5	\$6,200 \$6,000 \$700 \$10,300 \$500		
nterior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile	Location Water Pen Location 5% 30% 20% 5% 20%	: At Dome etration, E	xtent : Moderate, A	2058 2024 LIFE 2036 2036	\$51,300 ** ** **	3 5 5 5	\$6,200 \$6,000 \$700 \$10,300		
nterior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls	Location Water Pen Location 5% 30% 20% 5% 20% 5% 20%	: At Dome etration, E	xtent : Moderate, A	2058 2024 LIFE 2036 2036 LIFE 2031	\$51,300 ** ** ** **	3 5 5 5 5	\$6,200 \$6,000 \$700 \$10,300 \$500		
riterior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete	Location Water Pen Location 5% 30% 20% 5% 20% 5% 20% 10%	: At Dome etration, E	xtent : Moderate, A	2058 2024 LIFE 2036 2036 LIFE 2031 LIFE	\$51,300 ** ** ** ** **	3 5 5 5 5 3	\$6,200 \$6,000 \$700 \$10,300 \$500 \$1,000		
riterior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile	Location Water Pen Location 5% 30% 20% 5% 20% 5% 20% 10% 5%	: At Dome etration, E	xtent : Moderate, A	2058 2024 LIFE 2036 2036 LIFE 2031 LIFE 2036	\$51,300 ** ** ** ** **	3 5 5 5 5 5 3	\$6,200 \$6,000 \$700 \$10,300 \$500 \$1,000		
nterior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing	Location Water Pen Location 5% 30% 20% 5% 20% 5% 20% 5% 20% 5% 20%	: At Dome etration, E	xtent : Moderate, A	2058 2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027	\$51,300 ** ** ** ** ** **	3 5 5 5 5 5 3	\$6,200 \$6,000 \$700 \$10,300 \$500 \$1,000		
Therior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board	Location Water Pen Location 5% 30% 20% 5% 20% 5% 20% 5% 20% 35%	: At Dome etration, E	xtent : Moderate, A	2058 2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027 LIFE	** \$51,300 ** ** ** ** ** **	3 5 5 5 5 5 3	\$6,200 \$6,000 \$700 \$10,300 \$500 \$1,000		
rterior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board Masonry: Brick	Location Water Pen Location 5% 30% 20% 5% 20% 5% 20% 5% 20% 5% 10%	: At Dome	xtent : Moderate, A	2058 2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027 LIFE LIFE	** \$51,300 ** ** ** ** ** ** ** ** **	3 5 5 5 5 3	\$6,200 \$6,000 \$700 \$10,300 \$500 \$1,000 \$900 \$1,800 \$3,700		
Therior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board	Location Water Pen Location 5% 30% 20% 5% 20% 5% 20% 5% 20% 10% 5% 10% 5%	: At Dome etration, E : At Dome	xtent : Moderate, A	2058 2024 LIFE 2036 2031 LIFE 2036 2027 LIFE LIFE LIFE LIFE	** \$51,300 ** ** ** ** ** ** ** ** **	3 5 5 5 5 5 3	\$6,200 \$6,000 \$700 \$10,300 \$500 \$1,000		
Therior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board Masonry: Brick	Location Water Pen Location 5% 30% 20% 5% 20% 5% 20% 10% 5% 20% 35% 10% 5% Cracking/o	: At Dome etration, E : At Dome Now Crumbling,	xtent : Moderate, A \$700 Extent : Moderate	2058 2024 LIFE 2036 2031 LIFE 2036 2027 LIFE LIFE LIFE LIFE	** \$51,300 ** ** ** ** ** ** ** ** **	3 5 5 5 5 3	\$6,200 \$6,000 \$700 \$10,300 \$500 \$1,000 \$900 \$1,800 \$3,700		
Therior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board Masonry: Brick	Location Water Pen Location 5% 30% 20% 5% 20% 5% 20% 5% 20% 10% 5% Cracking/ Location	Now Crumbling,	xtent : Moderate, A \$700 Extent : Moderate vication Room	2058 2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027 LIFE LIFE LIFE LIFE L, Area Aj	** \$51,300 ** ** ** ** ** ** ** ** **	3 5 5 5 5 3	\$6,200 \$6,000 \$700 \$10,300 \$500 \$1,000 \$900 \$1,800 \$3,700		
Therior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board Masonry: Brick	Location Water Pen Location 5% 30% 20% 5% 20% 5% 20% 5% 20% 10% 5% Cracking/ Location Water Pen	Now Crumbling, : Communetration, E	\$700 Extent: Moderate, A	2058 2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027 LIFE LIFE LIFE LIFE L, Area Aj	** \$51,300 ** ** ** ** ** ** ** ** **	3 5 5 5 5 3	\$6,200 \$6,000 \$700 \$10,300 \$500 \$1,000 \$900 \$1,800 \$3,700		
Therior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board Masonry: Brick	Location Water Pen Location 5% 30% 20% 5% 20% 5% 20% 5% 20% 10% 5% Cracking/ Location Water Pen	Now Crumbling, : Communetration, E	xtent : Moderate, A \$700 Extent : Moderate vication Room	2058 2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027 LIFE LIFE LIFE LIFE L, Area Aj	** \$51,300 ** ** ** ** ** ** ** ** **	3 5 5 5 5 3	\$6,200 \$6,000 \$700 \$10,300 \$500 \$1,000 \$900 \$1,800 \$3,700		

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

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

Asset #: 1995

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Ceilings									
AcousTileSusp.Lay-In	50%			2040	* *	5	\$6,900		
Exposed Concrete	20%			LIFE	* *	5	\$400		
Gypsum Board	10%			LIFE	* *	5	\$1,700		
Plaster	5%	Now	\$1,800	LIFE	* *	5	\$400		
	Cracking/0	Crumbling,	Extent : Moderate	, Area Aj	ffected : 5%				
	Location	: Commun	ication Room						
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location	: Commun	ication Room						
Plaster	15%			LIFE	* *	5	\$1,300		

Electrical	Current Repair	Future	Replacement	Maintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2043	* *	5		
	Other Observation, Extent		rted : 100%			
	Location : Electrical Roc	om				
	Explanation : Main Servi	ce Disconnect Switch	Rated @ 2000 An	peres		
Transformers						
Dry Type	100%	2036	* *	5		
	Other Observation, Extent		rted : 100%			
	Location : Electrical Roo	m				
	Explanation: 225 Kva, 4	80/208/120 Volts				
Switchgear / Switchboard						
Fused Disc Sw	100%	2043	* *	5		
Raceway						
Conduit	100%	2043	* *	1		
Panelboards						
Molded Case Bkrs	100%	2039	* *	5	\$300	
Wiring						
Thermoplastic	100%	2043	* *	1		
Motor Controllers						
Locally Mounted	100%	2036	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
	Other Observation, Extent	: Moderate, Area Affec	rted : 100%			
	Location : Water Meter R	200m				
	Explanation: Connected	To Main Water Pipe.				
Stand-by Power						
Transfer Switches						
Automatic	100%	2036	* *	1	\$3,000	

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

Asset #: 1995

Electrical	Current Repair	Future	Replacement	М					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
tand-by Power									
Generators									
Diesel	50%	2032	* *	1	\$1,900				
	Other Observation, Extent : Moderate,	Area Affec	rted : 100%						
	Location : Generator Room								
	Explanation: 2 - 638 Kva Kohler Po	•	1						
Diesel	50%	2032	* *	1	\$1,900				
	Other Observation, Extent : Moderate,	Area Affec	rted : 100%						
	Location : Outside The Building								
	Explanation : 2 - 125 Kva								
Batteries									
Lead/Acid	100%	2017	\$1,500	5	\$400				
Fuel Storage				_	4000				
Day Tank	50%	2039	* *	5	\$900				
Underground Storage	50%	LIFE	* *	5	\$300				
ighting									
Interior Lighting	5 00/	2020	ale ale	10	Φ				
Fluorescent	70%	2028	**	10	\$5,900				
	Other Observation, Extent: Moderate,	Area Affec	cted: 100%						
	Location: Throughout The Building								
	Explanation: T-8 Lamps		de de		** ~ ~ ~ ~				
Fluorescent	30%	2028	**	10	\$2,500				
	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location: Corridors And Offices								
	Explanation: Compact Fluorescent	Lamps							
Egress Lighting	500/	2020	* *	1					
Emergency, Service	50%	2028	* *	1	¢200				
Emergency, Battery	10%	2028	* *	10	\$200				
Exit, Service	40%	2028		1					
Exterior Lighting	100%	2028	* *	10					
HID	100%	2028		10					
Alarm									
Security System Generic	100%	2028	* *	1	\$3,700				
Generic	Other Observation, Extent: Moderate,			1	\$3,700				
	Location: Inside And Outside The B								
	Explanation: CCTV Surveillance Sy	_	atrusion Alarm Sv	stem					
Fire/Smoke Detection	=ptm.micr CC1 + Sur remaine By								
Generic	100%	2028	* *	1-3	\$6,000				
Generic			cted : 100%	1 3	ψ0,000				
	Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout The Building								
	Explanation: Strobe Lights, Manual	Pull Statio	ns. Smoke Detecto	ors. Aları	m Bells				

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

Heating

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

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

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

Asset #: 1995

Mechanical	Current Repair		Futur	e Replacement	Ma			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	* *	5	\$2,800	
Conversion Equipment								
Hot Water Boiler	100%			2028	* *	1	\$4,500	
			Extent : Light, Area	Affected	: 100%			
		: Basemen						
D: . '1'	Explana	tion : 2 Uni	its					
Distribution	1000/			2020	* *	4	¢500	
Hot Wtr Piping/Pump	100%			2039	4. 4.	4	\$500	
Terminal Devices	700/			2022	¢22 000	1	¢4.000	
Air Handler Fan Coil Unit/Heat	70%			2023 2023	\$33,800	1	\$4,000	
	30%			2023	\$40,200	1	\$900	
Air Conditioning Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment	10070			2037		1		
Centrifugal, Elec Chiller	80%			2032	* *	1	\$7,900	
		gerant Ex	tent : Light, Area A		100%	1	Ψ1,500	
	-	: Chiller S	-	jeereu .	100,0			
Int Dira Unit Cooling	20%			2027	* *	2	\$100	
Int Pkg Unit - Cooling Distribution	20%			2027			\$100	
Chilled Wtr Pipe/Pump	80%			2043	* *	4	\$400	
No Component	20%			2043		7	ψ400	
Terminal Devices	2070							
Air Handler/Cool/Ht	25%			2023	\$9,500	1	\$1,400	
Fan Coil - Cool/Heat	55%			2023	\$93,200	1	\$1,600	
No Component	20%			2023	Ψ>3,200		Ψ1,000	
Heat Rejection	2070							
Remote Air Cond	20%			2031	* *	2	\$1,300	
No Component	80%			2031		_	Ψ1,500	
Ventilation	0070							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,100	
Exhaust Fans								
Interior	100%			2028	* *	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater								
Oil Fired	100%			2021	\$2,800	1	\$300	
			Extent : Light, Area	Affected	: 100%			
	Location	: Basemen	t					
	Explana	tion : 2 Uni	its					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

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

Mechanical	Current Repair	Future Repla	acement	M					
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Plumbing									
Backflow Preventer									
Generic	100%	2028	* *	1	\$600				
Fixtures									
Generic	100%								
Vertical Transport									
Elevators									
Hydraulic	100%	LIFE	* *						
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : B-1								
	Explanation: 1 Unit								
Fire Suppression									
Sprinkler									
Generic	100%	2043	* *	1-2	\$2,600				
Fire Pump									
Generic	100%	2032	* *	1	\$1,700				

Page: 50

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION

Address : SEAVIEW HOSPITAL 460 BRIELLE AVE.

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRSEMS.022 / 14007 Yr Built/Renovated : 1999 /

Area Sq Ft : 10,515 Project Type : FIRE DEPARTMENT

Date of Survey : 25-Jan-2013 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1

Block : 955 Lot : 1 BIN : 5113197

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$56,600	
Electrical		\$67,000
Total	\$56,600	\$67,000
Importance Code A	\$56,600	
Importance Code B		\$67,000
Total	\$56,600	\$67,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$3,400		\$22,600	\$700
Interior Architecture	\$26,500	\$1,500		\$800
Electrical	\$3,200	\$1,100	\$1,900	\$1,300
Mechanical	\$1,200	\$1,100	\$5,400	\$1,300
Total	\$34,200	\$3,600	\$29,900	\$4,100
Importance Code A	\$4,000	\$500	\$23,100	\$1,200
Importance Code B	\$30,300	\$2,400	\$6,700	\$2,900
Importance Code C		\$700		
Total	\$34,200	\$3,600	\$29,900	\$4.100



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

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

FIRE DEPARTMENT - 057

EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION

Asset #: 14007

Architecture	Current Repair		Futur	e Replacement	М		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Cast in Place Concrete	10%		LIFE	* *	5	\$17,200	
	Other Observation, E			cted : 40%			
	Location: Building	=	-	D!1.1: W.d.: C	71	'4 1 C	
	Explanation: Ems S Asset #13433 Also I			Builaing within Se	гачіеш н	ospītai Campus -	
Masonry: Brick	50%		LIFE	* *	5	\$17,200	
Metal Panel	20%		2044	* *	5-10	\$47,300	
	Corrosion/Rusting, E. Location : Bulkhead	-	Affected	: 5%			
Metal Sect. OHD	5%		2037	* *	5	\$5,400	
Window Wall	15%		2044	* *	5	\$19,300	
Windows							
Aluminum	100%		2040	* *	5	\$1,300	
Parapets	250/	Ф700	20.44	* *	~	Ф200	
Metal Panel	25% 4+	\$700	2044		5	\$300	
	Deteriorated Finish, Location: Through	_					
Metal Rail	5% 4+		2037	* *	5	\$200	
	Deteriorated Finish, Location: Trhough	_	a Affecte	d : 5%			
Pre-Cast Concrete	70%		LIFE	* *	5	\$3,000	
Roof							
Single Ply Membrane	100% 0-2 Blisters, Extent : Mod Location : Through		2029 ed : 15%	* *			
	Drains Clogged, Exte Location: Through		a Affecte	ed : 10%			
	Patching Evident, Ext Location: Through		ea Affec	ted : 15%			
nterior Floors							
Cast in Place Concrete	50% Now Cracking/Crumbling, Location: Garage		LIFE rea Affec	* * ted : 15%	5	\$17,200	
Ceramic Tile		1764	2033	* *		¢1 600	
Vinyl Tile	10% 40%		2033	* *	5 3	\$1,600 \$3,100	
Interior Walls	40/0		2027	. •	3	φ3,100	
Ceramic Tile	10%		2033	* *	5	\$1,400	
Concrete Masonry Unit	30%		LIFE	* *	5	\$1,700	
Gypsum Board	60%		LIFE	* *	5	\$5,200	
-) _F 204.4	Punct/Tear/Impact D Location: Through	-		Affected : 5%	2	42,2 30	

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

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

FIRE DEPARTMENT - 057

EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION

Asset #: 14007

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	60%	Now	\$8,200	2037	* *	5	\$4,700	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
	Location	: Through	out					
Gypsum Board	40%			LIFE	* *	5	\$7,900	
Site Pavements								
Parking/Driveway								
Asphalt	100%	Now		2033	* *			
_	Cracking/	Crumbling,	Extent : Light, Are	ea Affecte	ed : 5%			
	Location	: Through	out	- "				

Electrical		Current Repair		Futur	e Replacement	М			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%			2044	* *	5			
			xtent : Moderate, A						
			ound Level Electric						
	Explanat	tion : One	1200 Amp Switch -	Siemens	Equipment				
Transformers									
Liquid Filled	100%			2037	* *	5	\$100		
			xtent : Moderate, A	Area Affe	ected : 100%				
	Location	: Outside	Enclosure						
	Explanat	tion : One	13.8 Kva 480hv-20	8/120lv					
Switchgear / Switchboard									
Fused Disc Sw	100%			2044	* *	5			
Raceway									
Conduit	100%			2044	* *	1			
Panelboards									
Fused Disc Sw	5%			2040	* *	5			
Molded Case Bkrs	95%			2040	* *	5	\$300		
Wiring									
Thermoplastic	100%			2044	* *	1			
Motor Controllers									
Locally Mounted	100%			2037	* *	5	\$100		
Ground									
Grounding Devices									
Generic	100%			LIFE	* *	5	\$200		
Stand-by Power									
Transfer Switches									
Automatic	100%			2029	* *	1	\$3,200		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location	: In Garag	ge And Electrical R	oom					
	Explanat	tion : 1- 15	0 Amp And 1- 260	Amp Swi	tch. Kohler Equipn	nent			

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

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

FIRE DEPARTMENT - 057 EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION

Asset #: 14007

Electrical	Current Repair	Future Re	placement	Maintenance					
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Stand-by Power									
Generators									
Diesel	100%	2027	* *	1	\$4,100				
	Other Observation, Extent : I		: 100%						
	Location : Outside Of Build	-							
	Explanation : One 100 Kva	Generator							
Batteries									
Lead/Acid	100%	2017	\$1,600	5	\$400				
Fuel Storage									
Main Tank	100%	2052	* *	5	\$300				
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: Generator Room								
	Explanation : One 275 Gal	lons							
Lighting									
Interior Lighting									
Fluorescent	93%	2024	\$67,000	10	\$9,000				
	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location : Throughout Explanation : T-8 Fixtures In Garage And Throughout First Floor / T-12 Fixtures In								
	•	In Garage And Through	out First Floor	/ T-12	Fixtures In				
	Hallway								
HID	6%	2029	* *	10					
Incandescent	1%	2019	\$700	2					
Egress Lighting									
Emergency, Service	50%	2029	* *	1					
Exit, Service	50%	2029	* *	1					
Exterior Lighting									
HID	100%	2029	* *	10					
Alarm									
Security System									
No Component	90%								
Generic	10%	2029	* *	1	\$400				
Fire/Smoke Detection									
No Component	50%								
Generic	50%	2029			\$3,300				

Mechanical	Curre	nt Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2044	* *	1		

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FIRE DEPARTMENT - 057 EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION

Asset #: 14007

Mechanical	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
leating							
Conversion Equipment							
Furnace	50%		2029	* *	1	\$2,600	
	Other Observation, E	-					
	Location : Roof, E	-		-	F: 1	G	
	Explanation: 2 Page	ckaged Rooftop Un					
Hot Water Boiler	50%		2037	* *	1	\$2,600	
	Other Observation, E	_					
	Location: EMSA			ooms			
	Explanation: 4 Ga	s Fired Hot Water	Boilers				
Distribution	1000/		20.40	* *	4	4500	
Hot Wtr Piping/Pump	100%		2040	* *	4	\$500	
Terminal Devices	1000/		2027	* *	1	do 100	
Convector/Radiator	100%		2037	* *	1	\$3,400	
ir Conditioning							
Energy Source	1000/		20.40	* *			
Electricity	100%		2040	* *	1		
Conversion Equipment	1000/		2020	ماد ماد	2	Φ.000	
Ext Pkg Unit -	100%		2029	* *	2	\$600	
Heating/Cooling	Other Ohermanier I		A CC 4 - 1 .	1000/			
	Other Observation, E Location : Roof	xieni : Ligni, Area	Ајјестеа :	100%			
	Explanation: 2 Page	okaga Poofton Unit	c.				
Distribution	Explanation . 2 Tac	Ruge Roojiop Unii	3				
Distribution Ductwork/Diffusers	100%		LIFE	* *	2	\$13,700	
entilation	10070		LIIL			Ψ13,700	
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,900	
Exhaust Fans	10070		- En E			ψ2,700	
Roof	100%		2029	* *	2	\$300	
umbing	10070		2027			Ψ300	
H/C Water Piping							
Brass/Copper	100%		2050	* *	1		
Water Heater							
Gas Fired	100%		2022	\$2,600	2	\$200	
	Other Observation, E	Extent : Light, Area				7-55	
	Location : 2nd Floo	_	55				
	Explanation: 1 - 25						
Sanitary Piping	*						
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
Generic	100%		2029	* *	1	\$600	
Fixtures							
Generic	100%						
ertical Transport							

Vertical Transport

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

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

Page: 55

FIRE DEPARTMENT - 057 EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION

Mechanical	Current Repair	Future Repl	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estim	nated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Vertical Transport								
Elevators								
Hydraulic	100%	LIFE	* *					
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: 1st To 2nd Floor							
	Explanation : Lift							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%	2044	* *	1-2	\$700			

Page: 56

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : EMS BUILDING BATTALION 4

Address : PIERS 35 & 36, EAST RIVER 271 MARGINAL STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 12,322 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Roof, Floors 1,2,3

Block : 241 Lot : 13 BIN : 1079601

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$488,700	\$135,900
Interior Architecture		\$31,100
Electrical		\$75,600
Total	\$488,700	\$242,600
Importance Code A	\$488,700	\$135,900
Importance Code B		\$106,700
Total	\$488,700	\$242,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$28,100	\$3,900		
Interior Architecture	\$200		\$900	\$2,600
Electrical	\$900	\$1,200	\$2,700	\$13,400
Mechanical	\$10,800	\$5,600	\$7,200	\$48,500
Total	\$40,000	\$10,600	\$10,900	\$64,400
Importance Code A	\$29,300	\$5,100	\$1,200	\$1,200
Importance Code B	\$10,700	\$5,600	\$9,700	\$63,200
Importance Code C				
Total	\$40,000	\$10,600	\$10,900	\$64,400



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

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

Asset #: 2405

rchitecture	Current Repair		Futur	Future Replacement		Maintenance	
rstem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls					_		
Cast in Place Concrete	5% Now	\$13,700	LIFE	* *	5	\$6,200	
	Cracking/Crumbling Location : Around	g, Extent : Moderate Ledge Below Parap		fected : 20%			
Masonry: Brick Cavity	70%		LIFE	* *	5	\$17,400	
Metal Panel	5% Now	\$1,800	2035	* *	5	\$2,300	
	Deformed/Dented, H		rea Affec	ted : 20%			
	Location : East Sto	airway					
	Punct/Tear/Impact I	=	oderate, 1	Area Affected : 209	%		
	Location : East Sto	airway					
Metal Coiling Doors	10%		2038	* *	5	\$7,800	
Pre-Cast Concrete	10%		LIFE	* *	5	\$8,100	
Windows							
Aluminum	20%		2041	* *	5	\$2,400	
Steel	80% Now	\$488,700	2050	* *	5	\$59,900	
	Air Infiltration, Exte	ent : Moderate, Arec	ı Affected	! : 50%			
	Location: Through	hout					
	Corrosion/Rusting,		Area Affe	cted : 25%			
	Location: Through	hout					
	Deteriorated Finish	, Extent : Moderate,	Area Aff	ected : 50%			
	Location: Through	hout					
Parapets Cont. Communication	1000/		LIPP	* *	_	¢17.700	
Pre-Cast Concrete Roof	100%		LIFE		5	\$17,700	
Built-Up (BUR)	92%		2033	* *	10	\$16,200	
Modified Bitumen	5% Now	\$5,000	2035	* *	10	\$10,200	
Wodiffed Bitumen	Blisters, Extent : Mo						
	Location: Over Ed		20, 20, 0				
	Seams Open/Split, E		rea Affec	ted : 25%			
	Location : Over Ed						
	Water Penetration,	•	Area Affe	cted : 10%			
	Location : Over Ed		33				
Skylight, Metal/Glass	3% Now	\$7,600	2025	\$76,100			
Skylight, Wetal/Glass	Corrosion/Rusting, I						
	Location : Over St		17 cu 1195 c	cica . 2570			
	Water Penetration,		Area Affe	cted · 10%			
		zarem : moderate, i	1, eu 11, je	. 1070			
	Location : Stair						
	Location : Stair						
Floors						4	
Floors Cast in Place Concrete	65%		LIFE	**	5	\$26,600	
Cast in Place Concrete Ceramic Tile	65% 5%		2034	* *	5	\$900	
Floors Cast in Place Concrete Ceramic Tile Vinyl Tile	65% 5% 20%		2034 2025	* * \$31,100	5 3	\$900 \$1,400	
Floors Cast in Place Concrete Ceramic Tile	65% 5%		2034 2025 2035	** \$31,100 **	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.

Asset #: 2405

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	75%			LIFE	* *	5	\$5,100	
Gypsum Board	20%			LIFE	* *	5	\$2,000	
Masonry: Brick	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	25%			2030	* *	5	\$4,700	
Exposed Concrete	70%			LIFE	* *	5	\$2,100	
Metal Panel	5%			LIFE	* *	5	\$1,200	
	Water Per	netration, E	xtent : Moderate, A	rea Affe	cted : 10%			
	Location	ı : East Stai	irway					

Electrical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Do Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	50%		2025	\$2,400	5		
		n, Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Elect						
		lain Service Switch Ra					
Fused Disc Sw	50%		2045	* *	5		
		n, Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Elect						
	Explanation : M	Iain Service Switch Ra	ted @ 30	000 Amperes			
Transformers							
Dry Type	100%		2038	* *	5		
		n, Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Elect						
	Explanation : 2-	1000 Kva, 480/277/20	98 V				
Switchgear / Switchboard	1000/		2045	ماد ماد	_	Φ100	
Fused Disc Sw	100%		2045	* *	5	\$100	
Raceway	000/		2025	#24.500			
Conduit	80%		2025	\$24,500	1		
Conduit	20%		2045	* *	1		
Panelboards Plans	000/		2024	Ø20.100	_	#200	
Molded Case Bkrs	80%		2024	\$30,100	5	\$300	
Molded Case Bkrs	20%		2041	* *	5	\$100	
Wiring	9.00/		2025	¢21.700	1		
Thermoplastic	80%		2025	\$21,700	1		
Thermoplastic	20%		2045	* *	1		
Motor Controllers	700/		2022	ΦΩ 0ΩΩ	_	¢100	
Locally Mounted	70%		2023	\$9,800 * *	5	\$100	
Locally Mounted	30%		2038	* *	5		
Grounding Davises							
Grounding Devices Generic	100%		LIFE	* *	5	\$200	
Generic	10070		LII.E		3	\$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 #: 2405

Electrical	Current Repa	ir Futur	e Replacement	М	aintenance			
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Stand-by Power								
Transfer Switches								
Automatic	100%	2038	* *	1	\$3,800			
Generators								
Diesel	100%	2034	* *	1	\$4,800			
	Other Observation, Extent		cted: 100%					
	Location : Outside The Building Explanation : Emergency Generator Rated @ 80 Kva							
Batteries	Explanation : Emergenc	y Generator Katea @ a	so Kva					
Lead/Acid	100%	2019	\$1,500	5	\$500			
Fuel Storage	10070	2019	\$1,500		ψ300			
Main Tank	100%	2053	* *	5	\$400			
Willin Tunk	Other Observation, Extent		cted : 100%	5	Ψ100			
	Location: Outside							
	Explanation: 75 Gallon	s Capacity						
ighting	•	•						
Interior Lighting								
Fluorescent	95%	2030	* *	10	\$10,900			
	T-8 Lamps, Extent: Mode		00%					
	Location: Throughout T	he Building						
HID	5%	2025	\$2,400	10				
Egress Lighting								
Emergency, Battery	50%	2030	* *	10	\$1,500			
Exit, Service	50%	2030	* *	1				
Exterior Lighting								
HID	100%	2025	\$45,400	10				
Alarm								
Security System	000/							
No Component	90%	2020	* *	1	¢500			
Generic	10%	2030		1	\$500			
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Front And Back Only							
	Explanation: C C T V Surveillance Cameras							
Fire/Smoke Detection	Explanation . C C I V S	mi veniunce Cameras						
No Component	70%							
Generic, Digital	30%	2030	* *					
Control, Digital	Other Observation, Extent		cted : 100%					
	Location: Hallways							
	Explanation : Alarm Bel	ls, Manual Pull Station	is And Strobe Ligh	ts				

Mechanical	Curre	nt Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2035	* *	1		

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

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

Asset #: 2405

Mechanical	Current	Current Repair		e Replacement	M			
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Conversion Equipment								
Furnace	10%		2025	\$1,500	1	\$600		
	Other Observation,	Extent : Light, Area	Affected	: 10%				
	Location: Roof							
	Explanation: 1 Pa	ickage Unit						
Steam Boiler	90%		2042	* *	1	\$11,200		
	Other Observation,	_	Affected	: 90%				
	Location : 1st Floo							
Distribution	Explanation: 1 Ur	ut						
Distribution	000/		2025	* *	4	\$600		
Steam Piping/Pump	90%		2035		4	\$600		
No Component	10%							
Terminal Devices Convector/Radiator	50%		2023	\$19,400	1	\$2,000		
Unit Heater-Stm/HW	30%		2023	\$19,400 * *	1 4	\$2,000 \$500		
Unit Heater-Stm/HW	10%		2020	\$1,000	4	\$100		
No Component	10%		2020	\$1,000	4	φ100		
Air Conditioning	1070							
Energy Source								
Electricity	100%		2033	* *	1			
Conversion Equipment								
Ext Pkg Unit -	20%		2025	\$16,100	2	\$200		
Heating/Cooling								
0	R-22 Refrigerant, E.	xtent : Light, Area A	ffected :	20%				
	Location: Roof							
Window/Wall Unit	40%		2020	\$10,100	1			
No Component	40%							
-	Other Observation, Extent : Light, Area Affected : 0%							
	Location : 2nd Floor Electrical Room							
	Explanation: The	re Is No Ventilation	For Elec	trical Room				
Ventilation								
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,000		
Exhaust Fans								
Roof	100%		2025	\$9,700	2	\$400		
Plumbing								
H/C Water Piping	1000/		2025	* *	1			
Brass/Copper	100%		2035	* *	1			
Water Heater Gas Fired	100%		2023	¢2 000	2	\$200		
	100%		2023	\$2,800	2	\$200		
Sanitary Piping Cast Iron	100%		LIFE	* *	1			
	100%		LIFE		1			
Storm Drain Piping Cast Iron	100%		LIFE	* *	1			
Fixtures	100/0		LILL		1			
Generic	100%							
Fire Suppression	100/0							

Fire Suppression

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

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

Mechanical	Current Repair	Future R	Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Standpipe						
Generic	100%	2035	* *	1-5	\$6,600	
	Other Observation, Extent:	Light, Area Affected: 1	100%			
	Location : Outside Wall					
	Explanation: Combinatio	n Connection				
Sprinkler						
Generic	100%	2035	* *	1-2	\$3,500	
Chemical System						
Generic	100%	2020	\$25,500	1-3	\$55,000	

Page: 62

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 20 MORRIS PARK STATION

Address : JACOBI HOSPITAL 1410 PELHAM PARKWAY SOUTH

Borough : BRONX Agency's Number : N/A

Program / Asset # : FIRSEMS.020 / 13990 Yr Built/Renovated :

Area Sq Ft : 12,500 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Roof, Floors 1

Block : 4205 Lot : 1 BIN : 2097552

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$362,200	
Interior Architecture	\$56,800	\$35,400
Electrical	\$78,300	\$126,400
Mechanical	\$146,200	
Total	\$643,500	\$161,900
Importance Code A	\$362,200	
Importance Code B	\$224,500	\$161,900
Importance Code C	\$56,800	
Total	\$643.500	\$161.900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			\$1,900	
Interior Architecture	\$62,000	\$500		\$200
Electrical	\$6,200	\$1,100	\$12,800	\$700
Mechanical	\$3,000	\$900	\$16,200	\$700
Total	\$71,200	\$2,500	\$31,000	\$1,600
Importance Code A			\$1,900	
Importance Code B	\$71,200	\$2,000	\$29,100	\$1,600
Importance Code C		\$500		
Total	\$71,200	\$2,500	\$31,000	\$1,600



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

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

FIRE DEPARTMENT - 057 EMS STATION 20 MORRIS PARK STATION

Asset #: 13990

rchitecture	Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls		** ** ** **			_		
Masonry: Brick	85% Now Broken/Missing Elem Location: Main En Jnt Mortar Miss/Erod	trance			5	\$20,700	
	Location : Through		1, 000 1 199 0	20,0			
	Location : Through	e, Extent : Severe, A	rea Affe	cted : 30%			
Metal Coiling Doors	5%		2029	* *	5	\$3,800	
Stucco Cement	10% 0-2 Cracking/Crumbling, Location: Through		2044 rea Affec	* * ted : 100%	5	\$3,000	
Windows							
Aluminum	100% Now Glazing Broken/Crac Location: Through Unit Inoperable, Exte Location: Through Other Observation, E Location: Through Explanation: All W	out ent : Severe, Area A out Extent : Severe, Are out	ffected :	30% d : 100%	5	\$600	
Roof							
Not Accessible	100%						
terior							
Floors Cast in Place Concrete	90% 0-2 Cracking/Crumbling, Location : Through	_	LIFE ea Affecte	* * ed : 20%	5	\$35,400	
Vinyl Tile	10% Now	\$6,000	2029	* *	3	\$700	
	Punct/Tear/Impact D Location : Corridor Split/Cracked, Extent Location : Through	: Severe, Area Aff					
Interior Walls							
Ceramic Tile	5%		2033	* *	5	\$900	
Gypsum Board	55%	# ## 000	LIFE	* *	5	\$6,200	
SGFT/Glazed Masonry	40% 0-2 Cracking/Crumbling, Location: Through		LIFE , Area A <u>f</u>				
Ceilings							
Plaster	100% Now Cracking/Crumbling,	\$23,100 Extent : Severe A	LIFE rea Affec	* * ted : 100%	5	\$11,300	

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

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

FIRE DEPARTMENT - 057 EMS STATION 20 MORRIS PARK STATION

Asset #: 13990

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
Under 600 Volts								
Raceway								
Conduit	100%			2024	\$30,600	1		
Panelboards								
Fused Disc Sw	20%			2023	\$7,500	5	\$100	
Molded Case Bkrs	80%			2023	\$30,100	5	\$300	
Wiring								
Braided Cloth	20%	2-4	\$5,400	2049	* *	1		
		-	nt : Moderate, Are out The Building	a Affecte	ed : 100%			
Thermoplastic	80%			2024	\$21,700	1		
Motor Controllers								
Locally Mounted	100%			2022	\$14,100	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2019	\$78,300	10	\$11,500	
	•		Aoderate, Area Affo out The Building	ected : 10	00%			
Egress Lighting								
Exit, Service	50%			2019	\$700	1		
No Component	50%							
Alarm								
Fire/Smoke Detection								
Generic	100%			2024	\$126,400	1-3	\$7,700	
			xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Through	out The Building					
	Explana	tion : Strob	e Lights, Manual P	ull Stati	on And Horns			

Mechanical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	nte Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Campus Steam	80%		2034	* *	1		
	Other Observation	ı, Extent : Moderate, A	Area Affe	cted : 100%			
	Location: Hosp	ital Campus					
	Explanation : St	eam Is Provided From	Adjacen	nt Building No. 7 -	Storehou	se	
No Component	20%						
Distribution							
Steam Piping/Pump	80%		2034	* *	4	\$700	
No Component	20%						
Terminal Devices							
Fan Coil Unit/Heat	80% 0-2	\$146,200	2034	* *	1	\$2,900	
	On Extended Life,	Extent : Severe, Area	Affected	: 100%			
	Location : Throi	ighout					
No Component	20%						
Air Conditioning							

Air Conditioning

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

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

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

FIRE DEPARTMENT - 057 EMS STATION 20 MORRIS PARK STATION

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	50%			2040	* *	1		
No Component	50%							
Conversion Equipment								
Window/Wall Unit	50%			2019	\$12,500	1		
No Component	50%							
Ventilation								
Exhaust Fans								
Not Accessible	100%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%		\$1,800	2034	* *	1		
			: Moderate, Area A	Affected :	10%			
	Location	ı : Bathroor	n					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%		\$900	LIFE	* *	1		
	Blockage	/Clogged, E	Extent : Moderate, 1	Area Affe	ected : 5%			
	Location	ı : Gutters						
Fixtures								
Generic	100%							
	Obsolete .	Fixtures, Ex	tent : Severe, Area	Affected	l : 100%			
	Location	ı: Through	out					
Fire Suppression								
Chemical System								
No Component	90%							
Generic	10%			2019	\$2,600	1-3	\$5,100	
	Other Ob.	servation, E	xtent : Light, Area	Affected	: 100%			
	Location	ı: Through	out					
	Explana	tion : Fire l	Extinguishers					

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 27

Address : 243 EAST 233RD STREET BTWN KEPLER AVE. - KATONAH AVE.

Borough : BRONX Agency's Number : N/A

Program / Asset # : FIRSEMS.027 / 13993 Yr Built/Renovated : 2011 /

Area Sq Ft : 12,027 Project Type : FIRE DEPARTMENT

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

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

Block : 3374 Lot : 10 BIN : 2019007

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$3,000			\$15,500
Interior Architecture	\$7,500			\$800
Electrical	\$1,500	\$1,500	\$4,000	\$1,500
Mechanical	\$4,800	\$1,800	\$1,700	\$1,900
Total	\$16,800	\$3,300	\$5,700	\$19,700
Importance Code A	\$3,500	\$600	\$600	\$16,200
Importance Code B	\$12,800	\$2,700	\$5,100	\$3,500
Importance Code C	\$500			
Total	\$16,800	\$3,300	\$5,700	\$19,700



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

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

Asset #: 13993

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	\$17,000	
Metal Panel	10%			2050	* *	5-10	\$16,700	
Metal Sect. OHD	20%		\$3,000	2037	* *	5	\$7,600	
•			Extent : Moderate, A	Area Affe	ected : 100%			
		n : Apparat						
	Explana	ition : Repo	rted That Door Ope	ens And	Closes Too Fast. D	oor Itsel	f Is Not Sturdy	
Windows								
Aluminum	100%			2046	* *	5	\$1,200	
Parapets						_		
Metal Panel	100%	1		2050	* *	5	\$6,700	
Roof								
Built-Up (BUR)	20%			2032	* *	10	\$1,600	
Metal Panel	50%			2041	* *	10	\$7,400	
Plaza Roof: Stone Panels	5%			2050	* *			
Single Ply Membrane	25%	ı		2032	* *	10	\$2,000	
terior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$19,700	
Ceramic Tile	5%			2037	* *	5	\$900	
Sheet Vinyl/Rubber	10%			2032	* *	5	\$2,700	
Vinyl Tile	35%		\$5,200	2029	* *	3	\$2,400	
			Moderate, Area Af		30%			
			Locker Room And I	_				
			Extent : Moderate,		fected : 15%			
	Location	n : Women I	Locker Room And I	Lounge				
Interior Walls								
Ceramic Tile	5%			2037	* *	5	\$900	
Concrete Masonry Unit	50%			LIFE	* *	5	\$3,800	
Glazed Ceramic Panel	10%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	\$1,700	
Metal Panel	10%	ı		LIFE	* *			
Plaster	10%			LIFE	* *	5	\$600	
Ceilings								-
Metal Panel	20%			LIFE	* *	5	\$4,500	
Plaster	20%			LIFE	* *	5	\$2,300	
Plaster	60%			LIFE	* *	5	\$6,800	
te Pavements								
Parking/Driveway								
Cast in Place Concrete	100%	<u> </u>		2041	* *			

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

Under 600 Volts

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

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

Asset #: 13993

Electrical	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
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, I Location : Electric Explanation : One	al Room			5	\$100	
Switchgear / Switchboard Molded Case Bkrs	100%	•	2054	* *	5	\$300	
Raceway Conduit	100%		2054	* *	1	Ψ300	
Panelboards Fused Disc Sw Molded Case Bkrs	10% 90%		2049 2049	* *	5 5	\$300	
Wiring Thermoplastic	100%		2054	* *	1		
Motor Controllers Locally Mounted	100%		2044	**	5	\$100	
Ground Grounding Devices Generic	100%		LIFE	* *	5	\$200	
Stand-by Power Transfer Switches Automatic	100%		2044	* *	1	\$3,700	
Generators Diesel	100%		2039	* *	1	\$4,700	
	Other Observation, I Location : Generat Explanation : One	or Room - Basemen		cted : 100%			
Batteries Lead/Acid	100%		2019	\$1,500	5	\$400	
Fuel Storage Main Tank	100% Other Observation, 1 Location : Basemen Explanation : One	nt	2064 Area Affe	* * octed : 100%	5	\$400	
Lighting Interior Lighting Fluorescent	100% T-8 Lamps, Extent : .	Moderate, Area Affa	2034 ected : 10	**	10	\$11,000	
Egress Lighting Emergency, Service	Location : Through	nout The Building	2034	* *	1		
Exit, Service Exterior Lighting HID	100%		2034	**	10		
Alarm Fire/Smoke Detection	200,0						
Generic	100%		2034	* *	1-3	\$7,400	

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

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

Asset #: 13993

Mechanical	Current Repair Future Rep		e Replacement	eplacement Maintenance		
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	•	•				•
Energy Source						
Electricity	10%	2050	* *	1		
Natural Gas	90%	2050	* *	1		
Conversion Equipment						
Furnace	50%	2032	* *	1	\$3,000	
	Other Observation, Extent Location : Roof	: Light, Area Affected	: 50%			
	Explanation: 3 Roof Top	Package Units				
Hot Water Boiler	40%	2041	* *	1	\$2,400	
	Other Observation, Extent Location : Basement Boi Explanation : 1 Unit		: 40%			
Radiant Heater	10%	2032	* *	2	\$600	
Radiant fleater	Other Observation, Extent Location : Staircases			2	\$000	
	Explanation: 6 Sections	Of Electric Baseboard	!			
Distribution						
Hot Wtr Piping/Pump	40%	2046	* *	4	\$400	
No Component	60%					
Terminal Devices						
Convector/Radiator	15%	2041	* *	1	\$600	
Unit Heater-Stm/HW	25%	2032	* *	4	\$300	
No Component	60%					
Air Conditioning						
Energy Source	400-	-04-				
Electricity	100%	2046	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	15%	2032	* *	1	\$800	
•	R-134a Refrigerant, Exten Location : 2 Units In Bas	0 00	l : 15%			
Ext Pkg Unit - Heating/Cooling	50%	2032	* *	2	\$400	
	Other Observation, Extent Location : Roof	: Light, Area Affected	: 50%			
	Explanation: 3 Roof Top	Package Units				
No Component	35%					
Terminal Devices						
Direct Expansion	15%	2032	* *	1		
No Component	85%					
Heat Rejection						
Air Condenser Unit	15%	2032	* *	2	\$1,300	
No Component	85%					

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		Futur	Future Replacement		Maintenance	
System Component Type		il Date Estimated Cost (ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Distribution							
Ductwork/Diffusers		Now \$3,800	LIFE	* *	2-5	\$5,000	
		'ystem, Extent : Severe, A					
	Location : T	hroughout The Building	Needs To	Be Adjusted			
No Component	25%						
Exhaust Fans							
Interior	30%		2032	* *	2	\$100	
Roof	70%		2032	* *	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2050	* *	1		
Water Heater							
Gas Fired	100%		2023	\$2,700	2	\$200	
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
Generic	100%		2032	* *	1	\$700	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
Generic	100%		2050	* *	1-2	\$3,400	

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

Page: 71

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 39 PENNSYLVANIA STATION

Address : 265 PENNSYLVANIA AVE. BTWN PITKIN AVE - BELMONT AVE

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSEMS.039 / 13997 Yr Built/Renovated :

Area Sq Ft : 10,000 Project Type : FIRE DEPARTMENT

Date of Survey : 20-Mar-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 3738 Lot : 7 BIN : 3048341

CAPITAL	FY 2017 - 2020	FY 2021 - 2026	
Exterior Architecture	\$60,900		
Interior Architecture	\$204,700		
Electrical	\$120,000	\$79,600	
Total	\$385,600	\$79,600	
Importance Code A	\$60,900		
Importance Code B	\$234,600	\$79,600	
Importance Code C	\$90,000		
Total	\$385,600	\$79,600	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$28,000			
Interior Architecture	\$57,500			\$500
Electrical	\$2,400	\$1,800	\$4,900	\$700
Mechanical	\$1,600	\$500	\$14,300	\$500
Total	\$89,400	\$2,200	\$19,200	\$1,700
Importance Code A	\$28,400	\$400	\$400	\$400
Importance Code B	\$25,100	\$1,800	\$18,800	\$1,300
Importance Code C	\$36,000			
Total	\$89,400	\$2,200	\$19,200	\$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.

FIRE DEPARTMENT - 057 EMS STATION 39 PENNSYLVANIA STATION

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls						_		
Cast in Place Concrete	5%	Now	\$6,700	LIFE	* *	5	\$6,100	
		issing Elen : Through	nents, Extent : Mod out	erate, Ar	ea Affected : 15%			
Masonry: Brick	85%	0-2	\$60,900	LIFE	* *	5	\$20,700	
Ţ		Crumbling, : Through	Extent : Moderate out	, Area Aj	ffected : 10%			
Metal Coiling Doors	10%	0-2	\$13,500	2037	* *	5	\$3,800	
Ç	-	Dented, E.: Through	xtent : Light, Area A out	Affected .	: 10%			
Windows								
Glass Block	100%			LIFE	* *	5	\$800	
Parapets								
Metal: Cage/Fence	100%			2037	* *	5-10	\$13,400	
Roof								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
		: Through						
	Explana	tion : Need	A Long Ladder					
nterior								
Floors	0.0-1		*== 100		de de	_	** *****	
Cast in Place Concrete	80%	0-2	\$73,100	LIFE	* *	5	\$31,500	
		ssing Elen : Through	nents, Extent : Seve out	re, Area	Affected : 60%			
Vinyl Tile	20%	0-2	\$17,900	2029	* *	3	\$1,400	
		issing Elen : Through	nents, Extent : Mod out	erate, Ar	rea Affected : 5%			

FIRE DEPARTMENT - 057 EMS STATION 39 PENNSYLVANIA STATION

Asset #: 13997

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
nterior							
Interior Walls							
Ceramic Tile	5% Now Broken/Missing Elem Location: Toilet Ro		2033 erate, Ar	* * ea Affected : 75%	5	\$500	
Concrete Masonry Unit	10% 0-2 Cracking/Crumbling, Location: Through		LIFE , Area A <u>j</u>	* * fected : 20%	5	\$800	
Gypsum Board	5% Now Loose/Delam Surface Location : Through		LIFE e, Area A	* * ffected : 75%	5	\$600	
Masonry: Brick	63% 0-2 Diagonal Cracks, Ex Location: Truck Bo	_	LIFE ffected :	* *			
Granite Panels	10% 2-4 Jnt Mortar Miss/Erod Location: Basemen	_	LIFE rea Affec	* * ted : 5%			
Plaster	5% Now Cracking/Crumbling, Location: Through		LIFE rea Affec	* * ted : 30%	5	\$300	
Wood	2% 4+ Deteriorated Finish, Location: Through		LIFE ea Affect	* * ed : 60%	5	\$1,500	
Ceilings							
AcousTileConcealSpLn	5% 0-2 Cracking/Crumbling, Location : Through		2037 rea Affec	* * ted : 50%	5	\$600	
AcousTileConcealSpLn	5% 0-2 Cracking/Crumbling, Location: Through	_	2037 ea Affecte	* * ed : 10%	5	\$600	
Plaster	90% 0-2 Broken/Missing Elem Location : Through	_	LIFE t, Area A	* * ffected : 20%	5	\$10,100	
lite Pavements							
Parking/Driveway Cast in Place Concrete	100% Other Observation, E Location : Area In Explanation : Drive	Front Garage					

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

Under 600 Volts

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

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

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

FIRE DEPARTMENT - 057 EMS STATION 39 PENNSYLVANIA STATION

Asset #: 13997

Electrical	Current Repai	r Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent Location : Basement Explanation : Two 200 A			5		
Raceway						
Conduit	100%	2024	\$30,600	1		
Panelboards	5 0/	2022	Ф1 000	~		
Fused Disc Sw Molded Case Bkrs	5% 95%	2023 2023	\$1,900 \$35,800	5 5	\$300	
Wiring	93%	2023	\$33,800		\$300	
Thermoplastic Motor Controllers	100%	2024	\$27,100	1		
Locally Mounted	100%	2022	\$14,100	5	\$100	
Ground	10070	2022	Ψ14,100		Ψ100	
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power Transfer Switches			44 = 00			
Automatic	100%	2022	\$4,700	1	\$3,100	
Generators Diesel	100% Other Observation, Extent Location : Generator Roc Explanation : One 81 Kv	om, Garage	\$64,300 sted: 100%	1	\$3,900	
Batteries						
Lead/Acid	100%	2017	\$1,500	5	\$400	
Fuel Storage Day Tank	100% Other Observation, Extent Location : Generator Roc Explanation : One 60 Ga	om, Garage	\$700 cted : 100%	5	\$1,900	
Lighting						
Interior Lighting Fluorescent	70% Other Observation, Extent Location : Throughout Explanation : T-8 Fixture		\$43,800 cted: 100%	10	\$6,400	
Fluorescent	30% T-12 Lamps, Extent: Mode Location: Office And Fe	2019 erate, Area Affected : 1	\$18,800	10	\$2,800	
Egress Lighting	- JJ · · · ·					
Emergency, Service	30%	2019	\$1,400	1		
Emergency, Service	40%	2024	\$1,900	1		
Exit, Service	30%	2024	\$300	1		
Exterior Lighting HID	100%	2019	\$36,900	10		

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

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

FIRE DEPARTMENT - 057 EMS STATION 39 PENNSYLVANIA STATION

Asset #: 13997

Mechanical	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	.			·			
Energy Source							
Natural Gas	100%		2044	* *	1		
Conversion Equipment							
Furnace	75%		2024	\$8,900	1	\$3,700	
	Other Observation, Ex	tent : Light, Area	Affected	: 75%			
	Location: 1st Floor						
	Explanation: 4 Unit	S					
Not Accessible	25%						
Distribution	250/		2022	* *	4	ф1 0 0	
Hot Wtr Piping/Pump	25%		2032	* *	4	\$100	
No Component Terminal Devices	75%						
Convector/Radiator	25%		2029	* *	1	\$800	
No Component	25% 75%		2029		1	\$600	
Air Conditioning	7370						
Energy Source							
Electricity	100%		2032	* *	1		
Conversion Equipment							
Window/Wall Unit	30%		2019	\$6,000	1		
No Component	70%			, ,			
Ventilation							
Exhaust Fans							
Roof	100%		2019	\$7,800	2	\$300	
	Other Observation, Ex		Affected	: 100%			
	Location : Garage C						
	Explanation: 2 Unit	S					
Plumbing							
H/C Water Piping	1000/		2011	* *	1		
Brass/Copper	100%		2044	* *	1		
Water Heater Not Accessible	100%						
	100%						
Sanitary Piping Cast Iron	100% Now	\$1,100	LIFE	* *	1		
Cast Iron	Blockage /Clogged, Ex			d · 50%	1		
	Location : Garage Se			<i>a</i> . 5070			
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Not Accessible	100%						
Backflow Preventer							
Not Accessible	100%						
Fixtures							
Generic	100%						
	Obsolete Fixtures, Ext	ent : Severe, Area	Affected	! : 100%			
	Location: 1st Floor						

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

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

Page: 76

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 4 LOWER EAST SIDE OP

Address : PIER 36 EAST RIVER

Borough : MANHATTAN Agency's Number : N/A

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

Areas Surveyed : Basement, Roof, Floors 1

Block : 241 Lot : 13 BIN : 1811158

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$102,100	
Interior Architecture	\$77,700	
Total	\$179,700	
Importance Code A	\$102,100	
Importance Code B	\$42,700	
Importance Code C	\$35,000	
Total	\$179.700	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$39,400			
Interior Architecture	\$33,100			\$1,200
Electrical	\$29,700	\$1,400	\$3,500	\$1,400
Mechanical	\$35,300	\$3,500	\$33,600	\$7,200
Elevators/Escalators	\$28,500			
Total	\$166,200	\$4,900	\$37,100	\$9,800
Importance Code A	\$40,300	\$1,100	\$900	\$1,100
Importance Code B	\$96,800	\$3,800	\$36,200	\$8,700
Importance Code C	\$29,000			
Total	\$166,200	\$4,900	\$37,100	\$9,800



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

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

Asset #: 13982

Architecture	С	urrent R	epair	Futur	e Replacement	M	aintenance	
ystem Component Type		il Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior	•							
Exterior Walls								
Cast in Place Concrete	Cracking/Cru	_	\$1,300 Extent : Light, Are At Roof Level	LIFE ea Affecte	* * ed : 2%	5	\$6,100	
Masonry: Brick			\$52,300 Extent : Moderat cade	LIFE e, Area A	* * Affected : 80%	5	\$17,800	
Metal Panel	2% N	low	\$300	2044	* *	5	\$900	
	Location : N	orth Sid	tent : Moderate, A e ged Metal Panels	Area Affe	cted : 2%			
Metal Coiling Doors	4%			2037	* *	5	\$3,000	
Metal Coiling Doors	1% N	low	\$13,500	2044	* *	5	\$400	1
C	Broken/Missi Location : T	_	ents, Extent : Seve ut	re, Area	Affected : 100%			
Pre-Cast Concrete	15%			LIFE	* *	5	\$11,900	
Windows								
Aluminum	Glazing Cloud Location : T	hrougho , Extent :	Moderate, Area			5	\$600	
Parapets								
Cast in Place Concrete	,	_	\$10,500 Extent : Light, Are ut	LIFE ea Affecte	* * ed : 10%	5	\$17,500	
Metal Panel		_	\$300 ents, Extent : Light ut	2044 t, Area Ą	* * ffected : 10%	5	\$100	
Roof								
Built-Up (BUR)	Miss/Damage Location: T Ponding, Exte Location: N	hrougho ent : Mod lorth Dro	lerate, Area Affect	ted : 5%				
	Location: 3	rd Floor	Work Area					
Roll Roofing	- / -	_	\$1,600 Extent : Severe, A ut	2026 rea Affec	\$1,600 ted : 100%	5	\$300	1

Interior

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

Asset #: 13982

Architecture		Current l	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors	4.504	0.2	44 5 700		de de	_	447.7 00	
Cast in Place Concrete	45%	0-2	\$16,500	LIFE	**	5	\$17,700	
		servation, E 1 : Through	Extent : Light, Area	Ађестеа	: 100%			
			anine Level					
Ceramic Tile	$\frac{2\lambda ptana}{2\%}$		\$300	2033	* *	5	\$200	
Ceraniic The			Extent : Light, Are			3	\$200	
	_	ı : Through	_	a rijjeere	. 1070			
Vinyl Tile	53%		\$15,800	2029	* *	3	\$3,600	
v myr rne			Extent : Moderate, A		cted : 2%	3	Ψ3,000	
			oor Throughout	33				
Interior Walls								
Ceramic Tile	2%	0-2	\$500	2033	* *	5	\$200	
	_	_	Extent : Light, Are	ea Affecte	ed : 10%			
	Location	ı : Through	out					
Concrete Masonry Unit	86%	Now	\$35,000	LIFE	* *	5	\$6,500	
	_	_	Extent : Light, Are	ea Affecte	ed : 2%			
	Location	ı : First Flo	oor Truck Port					
Gypsum Board	5%			LIFE	* *	5	\$600	
Masonry: Brick	2%			LIFE	* *			
Plaster	5%			LIFE	* *	5	\$300	
Ceilings	600/	3.7	Φ. 42.7 00	2020	ale ale	_	Φ. 7. 400	
AcousTileSusp.Lay-In	60%		\$42,700	2029	**	5	\$5,400	
	Misaligned/Bulging, Extent : Moderate, Area Affected : 20% Location : Third Floor Office							
	Staining/Discoloring, Extent: Moderate, Area Affected: 40%							
	Location: Third Floor Office							
			Extent : Light, Area	Affected	: 2%			
	Location	ı : Third Fl	oor Work Area					
	Explana	tion : Dam	aged Ceiling Tiles					
Exposed Concrete	35%			LIFE	* *	5	\$1,000	
Exposed Struc: Steel	5%			LIFE	* *			
Site Enclosure								
Fence/Gates	1005	N 7	#* 0 * 0 *	2024	a ·			
Chain link	100%		\$28,500	2034	**			
		servation, E i : Northea	Extent : Severe, Are	а Ађесте	a : 10%			
			si Corner tural Member Is Le	anina A	· An Extreme Anal	a		
Site Pavements	ьлрини	wii . Sii uc	iniai member 13 Le	annig Al	THE LANGUE ANGU			
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								

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

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

Asset #: 13982

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
Site Pavements								
Parking/Driveway								
Asphalt	90%	0-2	\$55,500	2027	* *			
	Cracking/0	Crumbling,	Extent: Moderate,	Area A	ffected : 10%			
	Location	: Through	out					
Cast in Place Concrete	10%			2037	* *			

Electrical		Current Rep	air	Futur	e Replacement	M			
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Inder 600 Volts									
Service Equipment									
Fused Disc Sw	100%			2054	* *	5	\$100		
			nt : Moderate, 1	Area Affe	cted : 100%				
		: 1st Floor Se				_	_		
	Explanat	ion : 1-1600 A	mp Main Servi	ce Switch	n. 1-30 Amp Fire A	larm Fus	se Cutout		
Transformers	1000/			2011	de de	_	# 100		
Dry Type	100%			2044	* *	5	\$100		
Switchgear / Switchboard	1000/			20.14	ماد ماد	-	#100		
Fused Disc Sw	100%	E .	. 7:1.4	2044	**	5	\$100		
			nt : Light, Area	Ађестеа	: 100%				
		: 1st Floor Se		,					
-	Explanat	ion : 1 Qmb D	istribution Boa	rd					
Raceway Conduit	700/			2044	* *	1			
	70%	4.	Φ <i>E</i> 500	2044	* *	1			
Conduit	30%	4+	\$5,500	2050		1			
		Extent : Moae : Throughout	rate, Area Affe Building	стеа : 20;	%0				
Panelboards									
Molded Case Bkrs	50%	4+	\$18,800	2049	* *	5	\$100		
	Aged Component, Extent : Moderate, Area Affected : 50%								
	Location	: Basement E	lectrical Room,	First An	d Third Floors				
Molded Case Bkrs	50%			2046	* *	5	\$300		
Wiring									
Braided Cloth	70%			2023	\$19,000	1			
Thermoplastic	30%			2034	* *	1			
Motor Controllers									
Locally Mounted	100%			2022	\$14,100	5	\$100		
round									
Grounding Devices									
Generic	100%			LIFE	* *	5	\$300		
	Other Obse	ervation, Exte	nt : Moderate, A	Area Affe	cted : 100%				
	Location	: 1st Floor M	echanical Roon	i					
	Explanat Fuse Cut		ls In Mechanic	al Room -	- 1 For Main Serv	ice And 1	For Fire Alarm		
tand-by Power	ruse Cui	Jui -							

Stand-by Power

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

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

Asset #: 13982

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
Stand-by Power							
Transfer Switches							
Automatic	100%		2041	**	1	\$6,200	
	Other Observation, E	_	Affected	: 100%			
	Location : 1st Floo						
-	Explanation : Asco	Type Switch, 200 A	1				
Generators	1000/		2027	* *	1	¢7.000	
Diesel	100%		2037		1	\$7,800	
	Other Observation, E Location : Rear Pa	_		: 100%			
		_					
Batteries	Explanation: 1 - 80) Kva Cummins On	an 1 ype				
Lead/Acid	100%		2019	\$1,500	5	\$700	
Fuel Storage	10070		2019	\$1,500		\$700	
Day Tank	100%		2046	* *	5	\$3,700	
Day Tank	Other Observation, E	Extent : Light, Area		: 100%	3	Ψ3,700	
	Location : Rear Pa		55				
	Explanation: 60 G	=					
Lighting							
Interior Lighting							
Fluorescent	75%		2032	* *	10	\$13,800	
	Other Observation, Extent: Light, Area Affected: 100%						
	Location : Through	out Building					
	Explanation: T-8 I	Fixtures In Use					
HID	5% 2-4	\$3,900	2034	* *			
	On Extended Life, Ex	tent : Moderate, A	rea Affect	ted : 100%			
	Location : Exterior	And Interior First	Floor				
HID	15%		2029	* *	10	\$100	
Incandescent	5%		2029	* *	2		
Egress Lighting							
Emergency, Battery	50%		2032	* *	10	\$2,400	
Exit, Battery	50%		2032	* *	10	\$700	
Exterior Lighting							
HID	100%		2029	* *	10	\$100	

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating				
Energy Source				
Electricity	10%	2044 **	1	
Natural Gas	90%	2044 * *	1	

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

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

Asset #: 13982

Mechanical		Current Repair Fut		Future Replacement		Maintenance	
System Component Type		ail Date Estimate Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Conversion Equipment	0.007		2044	* *	1	ΦΩ ΩΩΩ	
Hot Water Boiler	90%	E I.	2044		1	\$8,900	
		vation, Extent : Lig Mechanical Room	gnt, Area Affectea	: 100%			
D 11 (II)		n : One Unit	2024	Φ0, 600		Φ000	
Radiant Heater	10%		2024	\$8,600	2	\$900	
		vation, Extent : Lig 3rd Floor Men And					
		n : Trane Electric					
Distribution	Ехринино	n . Trane Electric	Cabinei Onii Hea	iei			
Hot Wtr Piping/Pump	100%		2040	* *	4	\$1,000	
Terminal Devices	100%		2040		- 4	\$1,000	
Convector/Radiator	80%		2037	* *	1	\$5,200	
Unit Heater-Stm/HW	20%		2024	\$25,300	4	\$400	
Air Conditioning	2070		2024	Ψ23,300		Ψ+00	
Energy Source							
Electricity	100%		2040	* *	1		
Conversion Equipment	10070		20.0		-		
Ext Pkg Unit - Cooling	30%	Now \$2	27,100 2034	* *	2	\$300	
		ble, Extent : Mode	*	d : 100%	_	7233	
	Location : I						
Window/Wall Unit	60%	Now	64,800 2019	\$24,100	1		
		nt : Moderate, Are	*				
		lst Floor Office Ar					
No Component	10%						
Distribution	1070						
Ductwork/Diffusers	30%		LIFE	* *	2	\$7,800	
No Component	70%		LIL		2	Ψ7,000	
Ventilation	7070						
Distribution							
Ductwork/Diffusers	60%		LIFE	* *	2-5	\$6,700	
No Component	40%					1 - 1 - 1	
Exhaust Fans							
Roof	100%		2029	* *	2	\$600	
Plumbing			<u> </u>			·	
H/C Water Piping							
Brass/Copper	100%		2044	* *	1		
Water Heater							
Gas Fired	100%		2024	\$4,600	2	\$300	
		vation, Extent : Lig	ght, Area Affected	: 100%			
		Boiler Room					
	Explanatio	n : 1 - 74 Gallon U	nit				
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		

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

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

Mechanical	Current Repair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Fixtures						
Generic	100%					
Fire Suppression						
Standpipe						
Generic	100%	2050	* *	1-5	\$10,500	
Sprinkler						
Generic	100%	2044	* *	1-2	\$5,600	
Chemical System						
Dry	10%	2022	\$2,600	1-3	\$5,100	
	Other Observation, Extent: Mod	erate, Area Affected	! : 10%			
	Location: Kitchen					
	Explanation: Pcl-160					
No Component	80%					
Generic	10%	2019	\$2,600	1-3	\$5,100	
	Other Observation, Extent: Light	t, Area Affected : 10	00%			
	Location: Throughout					
	Explanation : Fire Extinguisher	rs				

Page: 83

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 46 ELMHURST STATION
Address : ELMHURST HOSPITAL 79-01 BROADWAY

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSEMS.046 / 14002 Yr Built/Renovated :

Area Sq Ft : 11,000 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Floors 1,2

Block : 1500 Lot : 2 BIN : 4437132

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		\$40,600
Total		\$40,600
Importance Code B		\$40,600
Total		\$40,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$4,900			
Interior Architecture	\$100	\$400	\$1,900	
Electrical	\$500	\$400	\$300	\$300
Mechanical	\$500	\$500	\$11,700	\$600
Total	\$5,900	\$1,300	\$13,900	\$900
Importance Code A	\$5,200	\$300	\$300	\$300
Importance Code B	\$700	\$900	\$13,700	\$600
Importance Code C		\$100		
Total	\$5,900	\$1,300	\$13,900	\$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.

FIRE DEPARTMENT - 057 EMS STATION 46 ELMHURST STATION

Asset #: 14002

Architecture		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls						_		
Masonry: Brick	75%			LIFE	* *	5	\$5,200	
			Extent : Moderate, 1	Area Affe	cted : 25%			
		n : North Si		.1.1. 7	A 1 175 751 /	21.1.27	D : 1: OC	
		ition : The I st Hospital.	North Section Of Bu	ulding Is	Attached To The C	Ild Nurse	s Buiding Of	
Metal Sect. OHD	25%			2037	* *	5	\$5,400	
Windows	2370	1		2031			\$5,400	
Aluminum	40%			2040	* *	5		
Steel	60%		\$2,200	2049	* *	5	\$300	
Steel			Extent : Moderate,		fected : 50%	5	Ψ200	
		n : Second I		33				
	Glazing E	Broken/Crac	cked, Extent : Mode	rate, Are	ea Affected : 20%			
	_	n : Second I			55			
	Water Pe	netration, E	Extent : Severe, Are	a Affecte	d: 10%			
	Location	n : Second I	Floor					
Parapets								
Not Accessible	100%							
Roof								
Roof Not Accessible	100%							
	Other Ob	servation, E	Extent : Light, Area	Affected	: 0%			
	Other Ob Location	servation, E n : Roof						
Not Accessible	Other Ob Location	servation, E n : Roof	Extent : Light, Area e Is No Permanent			der Was	Not Available.	
Not Accessible Interior	Other Ob Location	servation, E n : Roof				der Was	Not Available.	
Not Accessible Interior Floors	Other Ob Location Expland	servation, E n : Roof ation : Ther		Access T	To The Roof. A Lad			
Not Accessible Interior Floors Cast in Place Concrete	Other Ob Location Expland	servation, E n : Roof ution : Ther		Access T	To The Roof. A Lad	5	\$6,900	
Not Accessible Interior Floors Cast in Place Concrete Ceramic Tile	Other Ob Location Expland 50% 2%	servation, E n : Roof ttion : Ther		Access T LIFE 2027	To The Roof. A Lad ** **	5 5	\$6,900 \$100	
Not Accessible Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile	Other Ob Location Expland	servation, E n : Roof ttion : Ther		Access T	To The Roof. A Lad	5	\$6,900	
Not Accessible Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls	Other Ob Location Expland 50% 2% 48%	servation, E n : Roof ution : Ther		Access T LIFE 2027 2024	* * * * * * * \$25,100	5 5 3	\$6,900 \$100 \$1,100	
Not Accessible Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile	Other Ob Location Expland 50% 2% 48%	servation, E n : Roof ation : Ther		LIFE 2027 2024	** ** \$25,100	5 5 3	\$6,900 \$100 \$1,100	
Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit	Other Ob Location Expland 50% 2% 48% 5% 15%	servation, E n : Roof ution : Ther		LIFE 2027 2024 2033 LIFE	** ** \$25,100	5 5 3 5 5	\$6,900 \$100 \$1,100 \$100 \$200	
Not Accessible Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board	50% 2 48% 55% 40%	servation, E n : Roof ution : Ther		LIFE 2027 2024 2033 LIFE LIFE	** ** \$25,100 ** **	5 5 3	\$6,900 \$100 \$1,100	
Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick	50% 2% 48% 5% 40% 5%	servation, E n : Roof ution : Ther		LIFE 2027 2024 2033 LIFE LIFE LIFE	** ** \$25,100	5 5 3 5 5 5	\$6,900 \$100 \$1,100 \$100 \$200 \$700	
Not Accessible Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick Plaster	50% 2% 48% 5% 40% 5% 25%	servation, E n : Roof ution : Ther		LIFE 2027 2024 2033 LIFE LIFE LIFE LIFE	** ** \$25,100 ** **	5 5 3 5 5	\$6,900 \$100 \$1,100 \$100 \$200	
Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick Plaster SGFT/Glazed Masonry	50% 2% 48% 5% 40% 5%	servation, E n : Roof ution : Ther		LIFE 2027 2024 2033 LIFE LIFE LIFE	** ** \$25,100 ** ** ** ** **	5 5 3 5 5 5	\$6,900 \$100 \$1,100 \$100 \$200 \$700	
Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick Plaster SGFT/Glazed Masonry Ceilings	50% 2 % 48% 5 % 15% 40% 5 % 25% 10%	servation, E n : Roof ation : Ther		LIFE 2027 2024 2033 LIFE LIFE LIFE LIFE	** ** \$25,100 ** ** ** ** **	5 5 3 5 5 5 5	\$6,900 \$100 \$1,100 \$100 \$200 \$700 \$200	
Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick Plaster SGFT/Glazed Masonry Ceilings AcousTileSusp.Lay-In	50% 2 % 48% 5 % 15% 40% 5 % 60%	servation, E n : Roof ution : Ther		LIFE 2027 2024 2033 LIFE LIFE LIFE LIFE 2029	** ** \$25,100 ** ** ** **	5 5 3 5 5 5	\$6,900 \$100 \$1,100 \$100 \$200 \$700	
Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick Plaster SGFT/Glazed Masonry Ceilings AcousTileSusp.Lay-In Exposed Struc: Steel	50% 2% 48% 5% 15% 40% 5% 10% 60% 35%	servation, E n : Roof ution : Ther		LIFE 2027 2024 2033 LIFE LIFE LIFE LIFE LIFE LIFE LIFE LIFE	** ** \$25,100 ** ** ** ** ** **	5 5 3 5 5 5 5	\$6,900 \$100 \$1,100 \$100 \$200 \$700 \$200	
Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick Plaster SGFT/Glazed Masonry Ceilings AcousTileSusp.Lay-In Exposed Struc: Steel Gypsum Board	50% 2 % 48% 5 % 15% 40% 5 % 60%	servation, E n : Roof ution : Ther		LIFE 2027 2024 2033 LIFE LIFE LIFE LIFE 2029	** ** \$25,100 ** ** ** ** ** **	5 5 3 5 5 5 5	\$6,900 \$100 \$1,100 \$100 \$200 \$700 \$200	
Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick Plaster SGFT/Glazed Masonry Ceilings AcousTileSusp.Lay-In Exposed Struc: Steel Gypsum Board Site Pavements	50% 2% 48% 5% 15% 40% 5% 10% 60% 35%	servation, E n : Roof ution : Ther		LIFE 2027 2024 2033 LIFE LIFE LIFE LIFE LIFE LIFE LIFE LIFE	** ** \$25,100 ** ** ** ** ** **	5 5 3 5 5 5 5	\$6,900 \$100 \$1,100 \$100 \$200 \$700 \$200	
Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick Plaster SGFT/Glazed Masonry Ceilings AcousTileSusp.Lay-In Exposed Struc: Steel Gypsum Board	50% 2% 48% 5% 15% 40% 5% 10% 60% 35%	servation, E n : Roof ution : Ther		LIFE 2027 2024 2033 LIFE LIFE LIFE LIFE LIFE LIFE LIFE LIFE	** ** \$25,100 ** ** ** ** ** **	5 5 3 5 5 5 5	\$6,900 \$100 \$1,100 \$100 \$200 \$700 \$200	
Interior Floors Cast in Place Concrete Ceramic Tile Vinyl Tile Interior Walls Ceramic Tile Concrete Masonry Unit Gypsum Board Masonry: Brick Plaster SGFT/Glazed Masonry Ceilings AcousTileSusp.Lay-In Exposed Struc: Steel Gypsum Board Site Pavements On-Site Walkways	50% 2% 48% 5% 15% 40% 55% 10% 60% 35% 5%	servation, E n : Roof ution : Ther		LIFE 2027 2024 2033 LIFE LIFE LIFE LIFE LIFE LIFE LIFE LIFE	** ** \$25,100 ** ** ** ** ** ** ** **	5 5 3 5 5 5 5	\$6,900 \$100 \$1,100 \$100 \$200 \$700 \$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.

FIRE DEPARTMENT - 057 EMS STATION 46 ELMHURST STATION

Electrical	Current Repair	Future	Replacement	Maintenance				
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%	2032	* *	5	\$300			
Wiring								
Thermoplastic	100%	2034	* *	1				
Lighting								
Interior Lighting								
Fluorescent	20%	2024	\$13,800	10	\$2,000			
	T-12 Lamps, Extent : Moderate,	Area Affected : 1	00%					
	Location : 1st Floor							
Fluorescent	10%	2024	\$6,900	10	\$1,000			
	T-8 Lamps, Extent : Moderate, A Location : Offices	Area Affected : 10	0%					
HID	70%	2024	\$30,100	10	\$300			
Egress Lighting	7070	2024	Ψ30,100	10	Ψ300			
Emergency, Battery	50%	2024	\$7,200	10	\$1,300			
Exit, Battery	50%	2024	\$2,000	10	\$400			
Exterior Lighting			. ,					
HID	100%	2024	\$40,600	10				
Alarm								
Security System								
No Component	70%							
Generic	30%	2024	\$9,800	1	\$1,200			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Outside							
	Explanation : C C T V Surveil	lance Cameras						
Fire/Smoke Detection								
No Component	70%							
Generic	30%	2024	\$33,400	1-3	\$2,000			
	Other Observation, Extent : Mod	lerate, Area Affec	cted : 100%					
	Location: Hallways							
	Explanation: Strobe Lights, M	anual Pull Statio	n And Horns					

Mechanical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	50%	2034	* *	1		
No Component	50%					
-	Other Observation, Extent : L	ight, Area Affected	: 0%			
	Location: Throughout					
	Explanation : Hot Water Pr	ovided From Hospi	tal			

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

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

FIRE DEPARTMENT - 057 EMS STATION 46 ELMHURST STATION

Mechanical		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating									
Conversion Equipment									
Furnace	50%			2029	* *	1	\$2,700		
	Location Explanat	: Truck Bo	xtent : Light, Area ny Only dine Heaters	Affected	: 50%				
No Component	Location	: Office A	extent : Light, Area rea ing Supplied From						
Distribution									
Hot Wtr Piping/Pump	50%			2032	* *	4	\$300		
No Component	50%								
Terminal Devices									
Convector/Radiator	50%			2029	* *	1	\$1,800		
No Component	50%								
Air Conditioning									
Energy Source									
Electricity	100%			2032	* *	1			
Conversion Equipment									
Window/Wall Unit	50%			2019	\$11,000	1			
No Component	50%								
Ventilation									
Distribution									
Ductwork/Diffusers	30%			LIFE	* *	2-5	\$1,800		
No Component	70%								
Exhaust Fans									
Roof	30%			2024	\$2,600	2	\$100		
No Component	70%								
Plumbing									
H/C Water Piping									
Brass/Copper	100%			2034	* *	1			
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping									
Cast Iron	100%			LIFE	* *	1			
Fixtures	1000:								
Generic	100%								

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

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

Page: 87

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 55 Address : 3134 PARK AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSFMO.001 / 13231 Yr Built/Renovated : 1900 /

Area Sq Ft : 12,199 Project Type : FIRE DEPARTMENT

Date of Survey : 23-Jun-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2419 Lot : 1 BIN : 2001898

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$116,300	
Interior Architecture	\$41,200	
Electrical		\$109,300
Mechanical		\$83,200
Total	\$157,500	\$192,500
Importance Code A	\$116,300	
Importance Code B		\$192,500
Importance Code C	\$41,200	
Total	\$157,500	\$192,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$21,900			
Interior Architecture	\$53,600		\$2,700	
Electrical	\$15,100	\$1,100	\$1,400	\$1,100
Mechanical	\$69,000	\$1,900	\$2,700	\$1,600
Elevators/Escalators	\$2,900			
Total	\$162,400	\$3,000	\$6,800	\$2,700
Importance Code A	\$48,100	\$1,200	\$1,200	\$1,200
Importance Code B	\$89,000	\$1,800	\$4,900	\$1,500
Importance Code C	\$25,300		\$700	
Total	\$162,400	\$3,000	\$6,800	\$2,700



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

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

Asset #: 13231

chitecture		Current I	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior								
Exterior Walls								
Alum/Vinyl Siding		Now ted Finish, a: Through	\$1,800 Extent : Moderate, out.	2036 Area Afj	* * fected : 100%			
Masonry: Brick	_		\$95,300 Extent : Moderate out.	LIFE e, Area A	* * ffected : 25%	5	\$7,100	
Masonry: Brick		_	\$20,900 nents, Extent : Moa Face Brick-surrou				\$14,200 ut Building.	
Masonry: Limestone		Now racks, Exte	\$8,400 ant : Light, Area A <u>f</u> acade.	LIFE fected : 2	**	5	\$1,100	
Stucco Cement	_	_	\$5,200 Extent : Severe, A Locations Through		* * rted : 75%	5	\$4,600	
Wood Overhead Doors	5%			2031	* *	5	\$7,100	
Windows Aluminum	_		ent : Light, Area Aj lice Window	2042 fected : 2	**	5	\$1,700	
Parapets								
Masonry: Brick	Location Jnt Mortal Location Paint Pee	: Parapet r Miss/Eroe : Various ling, Extent	\$3,100 nents, Extent : Ligh Wall Adjacent To d, Extent : Modera Locations Through : Light, Area Affe Locations Through	Roof Hat te, Area A nout cted : 159	ch. Affected : 15%	5	\$2,700	
Masonry: Limestone	Location Caulking I	: Various Deteriorate	\$600 d, Extent : Light, A Locations Through d, Extent : Light, A Locations Through	out Area Affe		5	\$400	
Roof								
Modified Bitumen	Location Miss/Dam	: Upper Ro aged Flash	derate, Area Affect oof iings, Extent : Moa Locations Througl	lerate, Ar		10	\$12,000	
Skylight, Metal/Glass	Location	: Upper Ro	\$1,800 Extent : Moderate, 2 Dof ng Caulk Joints	2046 Area Affe	* * ected : 100%			

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.

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

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

Asset #: 13231

Architecture	Current I	Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior							
Floors							
Cast in Place Concrete	50% Now Horizontal Cracks, E Location: Through Uneven Surface, Exte	out Basement.			5	\$20,000	
	Location : Basemer	it And Apparatus F	loor				
Ceramic Tile	5%		2029	* *	5	\$900	
Quarry Tile	5%		2039	* *	5	\$1,400	
Vinyl Tile	40%		2031	* *	3	\$2,700	
vinyi The	Broken/Missing Elen	onts Frient · Ligh		ffected · 2%	3	\$2,700	
	Location : Landing	_	-	-			
Interior Walls							
Ceramic Tile	5%		2029	* *	5	\$1,400	
Gypsum Board	35%		LIFE	* *	5-10	\$16,100	
Masonry: Brick	40% Now	\$41,200	LIFE	* *	5 10	φ10,100	
Wasomy. Brick	Cracking/Crumbling,			fected · 15%			
	Location : Basemer			•			
Masonry: Fieldstone	5% Now	\$5,600	LIFE	**			
	Other Observation, E Location: Basemen Explanation: Parg Locations.	ıt.			sing Mo	rtar In Various	
Plaster	10% Now Broken/Missing Elen Location: Various	_	-	-	5	\$800	
Wood	5%		LIFE	* *	5	\$10,800	
	Worn/Eroded, Extent Location : Womens	-			3	\$10,800	
Ceilings							
AcousTileSusp.Lay-In	30% 2-4 Staining/Discoloring Location: Various	_		* * ed : 5%	5	\$2,700	
Embossed Metal	30% Now Broken/Missing Elem Location: Over Mo	_	LIFE t, Area A	* * ffected : 10%	5	\$2,500	
Exposed Struc: Steel	30%		LIFE	* *	10	\$11,000	
Gypsum Board	10%		LIFE	* *	5-10	\$6,300	
Site Enclosure						, -,	
Fence/Gates							
Chain link	100% 2-4 Corrosion/Rusting, E Location: Rear Pa		2036 Area Affe	* * cted : 25%			

Site Pavements

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

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

Asset #: 13231

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
Site Pavements								
Parking/Driveway								
Asphalt	80%	Now	\$9,700	2035	* *			
	Ponding, I	Extent : Mo	derate, Area Affec	ted : 15%	6			
	Location	: Rear Par	king Lot					
	Potholes, Extent: Severe, Area Affected: 5%							
	Location	: Rear Par	king Lot					
	Sinking/Su	ıbsiding, Ex	tent : Severe, Ared	ı Affected	d: 10%			
	Location	: Rear Par	king Lot	55				
Cast in Place Concrete	20%			2039	* *			

Electrical	Current Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2026	\$4,700	5	\$100	
Raceway						
Conduit	100%	2026	\$30,600	1		
Panelboards						
Molded Case Bkrs	100%	2034	* *	5	\$300	
	Covers Missing, Extent: Mode	erate, Area Affecte	d: 10%			
	Location: 2nd Floor					
Wiring						
Thermoplastic	100%	2026	\$27,100	1		
Motor Controllers						
Locally Mounted	100%	2031	* *	5	\$100	
Ground						
Grounding Devices						
Not Accessible	100%					
Stand-by Power						
Transfer Switches						
Automatic	100%	2031	* *	1	\$3,800	
	Other Observation, Extent : La	ight, Area Affected	: 100%			
	Location: Basement					
	Explanation: 200 Amp.					
Generators						
Diesel	100%	2022	\$64,300	1	\$4,700	
	Other Observation, Extent : La	ight, Area Affected	: 100%			
	Location : Outside, Close To	Rear Parking Lot				
	Explanation: 76 Kw	_				
Batteries	-					
Lead/Acid	100%	2017	\$1,500	5	\$500	
Fuel Storage			· · ·		·	
Main Tank	100%	2029	* *	5	\$400	
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 #: 13231

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
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	\$11,200	
	T-8 Lamps,	Extent : L	ight, Area Affectea	l : 75%				
	Location	: Through	out					
	T-12 Lamp	s, Extent:	Light, Area Affecte	ed: 25%				
	Location	: 1st Floor	And Basement					
Egress Lighting								
Emergency, Service	50%			2026	\$2,900	1		
Emergency, Service	50%			2026	\$2,900	1		
Exterior Lighting								
HID	100%			2021	\$45,000	10		
	Other Obse	ervation, E	xtent : Light, Area	Affected	: 100%			
	Location	: Exterior						
	Explanat	ion : Photo	cell Control					
Alarm								
Security System								
No Component	50%							
Generic	50%			2026	\$18,000	1	\$2,300	
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	Now	\$12,300	2036	* *			
_		ery Operat : Through		Light, A	rea Affected : 1009	%		

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2036	* *	1		
Conversion Equipment							
Steam Boiler	90% 2-4	\$26,100	2039	* *	1	\$9,800	
	Other Observation, I	Extent : Light, Area	Affected	: 20%			
	Location: Baseme	nt					
	Explanation: Unit	Requires A Lot Of	Vater Fi	ll. Unit 15 Years C	Old		
Steam Boiler	10%		2039	* *	1	\$1,200	
Distribution							
Steam Piping/Pump	100%		2026	\$83,200	4	\$900	
	Insul. Deteriorating,	Extent : Light, Area	a Affecte	d : 20%			
	Location: Baseme	nt					
Terminal Devices							
Convector/Radiator	100%		2031	* *	1	\$3,900	
Air Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		

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

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

Asset #: 13231

Mechanical	Current Repair		Future	Replacement	М	aintenance		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning								
Conversion Equipment								
Split Unit	80% 2-4	\$22,000	2036	* *				
	Other Observation,		Area Affec	rted : 80%				
	Location: 1st And							
	Explanation : Out	door Unit No Repair		Inits Old And 30	Percent I	Malfunctioning		
Window/Wall Unit	10%		2021	\$2,400	1			
No Component	10%							
Ventilation								
Distribution	1000				2.5	# 4.0.000		
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,800		
Exhaust Fans	1 <i>5</i> 0/ N T	ΦΦ 000	2026	* *	2			
Interior	15% Now	\$2,000	2036		2			
	Unit Inoperable, Ex Location : Kitchen		a Affected	l : 10%				
Roof	85%		2031	* *	2	\$300		
Plumbing								
H/C Water Piping								
Brass/Copper	100%		2046	* *	1			
Water Heater								
Gas Fired	100%		2021	\$2,800	2	\$200		
	Other Observation, Location: Boiler I	Room	Affected :	100%				
	Explanation: 75 (Gallons						
Sanitary Piping								
Cast Iron	30%		LIFE	* *	1			
Cast Iron	70%		LIFE	* *	1			
Storm Drain Piping	4000							
Cast Iron	100%		LIFE	* *	1			
Sump Pump(s)	1000		2017	4.70		4.5. 7. 0.0		
Submersible	100%		2017	\$6,500	4	\$2,500		
Backflow Preventer	0.507							
No Component	95%		2021	* *	1			
Generic	5%	Extent . I : alst A	2031		1			
	Other Observation,		<i>Аујестеа</i> :	100%				
	Location : Boiler I							
Fixtures	Explanation : Serv	es bouer Orny						
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5% Now	\$7,000	2056	* *	1-2	\$100		
	Corroded, Extent: 1		cted : 100	%				
	Location : Kitchen	n Hood System						

Maintenance \$ are aggregated over a 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: 93

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 55 MELROSE STATION Address : 3134 PARK AVE. @E 159TH STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 20,000 Project Type : FIRE DEPARTMENT

Date of Survey : 29-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2419 Lot : 1 BIN : 2001898

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$133,300	\$46,200
Interior Architecture	\$35,200	\$104,600
Electrical	\$37,600	
Total	\$206,000	\$150,800
Importance Code A	\$133,300	\$46,200
Importance Code B	\$72,700	\$104,600
Total	\$206,000	\$150,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$13,100			\$600
Interior Architecture	\$12,000	\$500		\$1,600
Electrical	\$29,100	\$3,200	\$13,800	\$3,500
Mechanical	\$8,000	\$3,800	\$14,300	\$5,600
Total	\$62,200	\$7,500	\$28,100	\$11,300
Importance Code A	\$15,100	\$2,000	\$2,000	\$2,600
Importance Code B	\$40,500	\$5,500	\$26,100	\$8,700
Importance Code C	\$6,600			
Total	\$62,200	\$7.500	\$28,100	\$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.

Architecture	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	Priorit
xterior							
Exterior Walls							
Cast Stone/Terra Cotta	3% Now Cracking/Crumbling Location: Through		LIFE , Area A <u>j</u>	* * fected : 10%	5	\$5,700	
Masanny Briok	93% Now	\$133,300	LIFE	* *	5	\$22,600	
Masonry: Brick	93% Now Cracking/Crumbling Location : Through	, Extent : Moderate			3	\$22,000	
Metal Panel	2% Now	\$300	2034	* *	5	\$900	
	Paint Peeling, Extend Location : Back Sid		ected : 30	9%			
Stucco Cement	2% Now	\$1,400	2029	* *	5	\$600	
	Cracking/Crumbling Location : Front A			ted : 30%			
Windows Aluminum	100%		2040	* *	5	\$1,200	
Parapets	50/ No	¢1 100	LIDD	* *	_	\$700	
Cast Stone/Terra Cotta	5% Now Open Joints, Extent: Location: Top Roo		LIFE fected : 3		5	\$700	
Masonry: Brick	5% Now	\$200	LIFE	* *	5	\$100	
,	Spalling, Extent : Mo Location : Low Roo		ed : 40%				
Stucco Cement	90% Now	\$2,000	2029	* *	5	\$2,000	
	Cracking/Crumbling Location : Top Roo		, Area A <u>j</u>	fected : 30%			
Roof							
Modified Bitumen	100% Now Broken/Missing Elen Location: Around	Roof Hatch		-			
	Water Penetration, E Location : Around		теи Аује	ciea . 270			
terior Floors							
Cast in Place Concrete	25%		LIFE	* *	5	\$9,800	
Ceramic Tile	5%	Φ .Ε. 2 00	2033	**	5	\$900	
Vinyl Tile	70% Now Cracking/Crumbling Location: Second		2024 , Area A <u>j</u>	\$104,600 fected : 30%	3	\$4,700	

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

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

Asset #: 13992

Architecture		Current I	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Interior Walls									
Ceramic Tile	5%	Now	\$500	2033	* *	5	\$500		
		_	nents, Extent : Light Floor Toilet	t, Area A	ffected : 1%				
Concrete Masonry Unit	2%			LIFE	* *	5	\$200		
Gypsum Board	64%			LIFE	* *	5	\$7,200		
Masonry: Brick	15%	Now	\$5,400	LIFE	* *				
			xtent : Severe, Ared	a Affecte	d : 50%				
		ı : Boiler R	oom						
Masonry: Fieldstone	2%			LIFE	* *				
Plaster	10%	Now	\$700	LIFE	* *	5	\$600		
			xtent : Severe, Area		d : 20%				
	Location	i : Second I	Floor Under Roof H	latch					
Wood	2%			LIFE	* *	5	\$1,500		
Ceilings									
AcousTileSusp.Lay-In	2%	Now	\$100	2029	**	5	\$200		
			nents, Extent : Light	t, Area A	ffected : 5%				
		: First Flo							
Embossed Metal	91%		\$35,200	LIFE	* *	5	\$7,400		
		_	nents, Extent : Mod d Second Floor	erate, Ar	ea Affected : 15%				
Exposed Struc: Steel	2%			LIFE	* *				
Plaster	5%			LIFE	* *	5	\$600		
Site Enclosure									
Fence/Gates									
Chain link	100%			2044	* *				
Site Pavements									
Public Sidewalk	1000/			2027	* *				
Cast in Place Concrete	100%			2037	* *				
On-Site Walkways	1000/	N	\$2.100	2027	* *				
Cast in Place Concrete	100%		\$3,100	2037					
	_	_	Extent : Moderate Pavement Area Bo	-	-	arkina I	n#		
Dorleing/Driveryor	Locuitor	i. Concrete	a i avemeni Area Di	iween 1	ne Dunaing Ana F	urking Li	<i></i>		
Parking/Driveway Asphalt	80%	Now	\$9,000	2027	* *				
Азрнан			Extent : Moderate						
		crumbung, ı : Parking		, 111си Л	13070				
Cast in Place Concrete	20%			2037	* *				
Cast III Place Concrete	20%			2037	47. 545				

Electrical	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
Under 600 Volts Service Equipment Fused Disc Sw	100%		2044	* *	5	\$100	

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

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

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

Asset #: 13992

Electrical	Current Re	Current Repair		e Replacement	M		
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Raceway							
Conduit	90%		2044	* *	1		
Tray	10%		2037	* *	1		
Panelboards Mallad Gran Plan	400/		2040	* *	-	¢200	
Molded Case Bkrs	40% Obsolete Equipment, E Location : Basement		2040 Area Af		5	\$200	
Molded Case Bkrs	60%		2040	* *	5	\$300	
Wiring							
Braided Cloth	30% 2-4 On Extended Life, Exte Location : Third And		2049 a Affec	* * ted : 30%	1		
Thermoplastic	70%		2044	* *	1		
Motor Controllers							
Locally Mounted	100% 4+ Aged Component, Exte Location : Garage D		2037 a Affect	* * ted : 100%	5	\$100	
Ground							
Grounding Devices							
Generic	100% Other Observation, Ext Location: Basement Explanation: Water	tent : Moderate, Ai	LIFE ea Affe	* * cted : 100%	5	\$300	
Stand-by Power							
Transfer Switches							
Automatic	100%		2037	* *	1	\$6,200	
Generators Diesel	100%		2033	* *	1	\$7,800	
	Other Observation, Ex Location : Rear Yard Explanation : Not Ac		ea Affe	cted : 100%			
Batteries	1						
Lead/Acid	100%		2018	\$1,500	5	\$700	
Fuel Storage Day Tank	100%		2040	* *	5	\$3,700	
Lighting						7-,,,,,	
Interior Lighting							
Fluorescent	50% T-8 Lamps, Extent : Mo Location : Throughor		2029 eted : 10	**	10	\$9,200	
Fluorescent	30% 2-4 Obsolete Fixtures, Exte		2034 ea Affec	* * rted : 30%			
HID	10%		2029	* *	10	\$100	
Incandescent	10% Now Damaged Fixtures, Ext Location: Third Floo		2034	* * cted : 30%	2	#100	

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

Estimates are rounded to the nearest hundred dollars.

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

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

Asset #: 13992

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	\$2,400	
Exit, Battery	50%			2029	* *	10	\$700	
Exterior Lighting								
HID	100%			2029	* *	10	\$100	

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2044	* *	1		
Conversion Equipment						
Steam Boiler	100%	2041	* *	1	\$19,800	
	Other Observation, Extent : Lig	ht, Area Affected:	100%			
	Location: Basement					
District the state of the state	Explanation : One Unit					
Distribution	1000/	2044	* *	4	Φ1 000	
Steam Piping/Pump	100%	2044	* *	4	\$1,000	
Terminal Devices	1000/	2027	* *	1	¢ < 500	
Convector/Radiator	100%	2037	* *	1	\$6,500	
Air Conditioning						
Energy Source	1000/	2022	* *	1		
Electricity	100%	2032		1		
Conversion Equipment Window/Wall Unit	20%	2019	¢0,000	1		
	20% 80%	2019	\$8,000	1		
No Component	80%					
Terminal Devices	70%	2029	* *	1	\$4,500	
Fan Coil - Cooling	Other Observation, Extent : Lig			1	\$4,300	
	Location : Offices	m, Area Ajjeciea .	10070			
	Explanation: 7 Units					
N. C						
No Component	30%					
Heat Rejection	700/	2020	* *	2	ቀለ በሰላ	
Air Condenser Unit	70%	2029	T T	2	\$9,800	
No Component	30%					
lumbing						
H/C Water Piping	100%	2044	* *	1		
Brass/Copper	100%	2044	-1- Tr	1		
Water Heater Gas Fired	100%	2023	¢4.500	2	\$300	
Gas Fired	100% Other Observation, Extent : Lig		\$4,500	2	\$300	
	Location: Basement	т, леи пуестей.	100/0			
	Explanation: 1 - 75 Gallon U	nit				
Sanitary Piping	Explanation : 1 - 73 Gatton U	ııı				
Cast Iron	100%	LIFE	* *	1		
Cast Holl	100/0	LITE	·	1		

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

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

Mechanical	Current Re	pair Fu	ture Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	Sstimated Cost Year		Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Storm Drain Piping						
Cast Iron	100%	LIF	E **	<u> </u>		
Sump Pump(s)						
Rigid Piping	100%	203	32 **	4	\$1,600	
Backflow Preventer						
No Component	95%					
Generic	5%	202		' 1	\$100	
	Other Observation, Exte	ent : Light, Area Affec	ted : 100%			
	Location: Basement					
	Explanation : Serves I	Boiler Only				
Fixtures						
Generic	100%					
ire Suppression						
Chemical System						
Dry	10% Now	\$2,600 202	, ,) 1-3	\$4,700	
	Other Observation, Exte	ent : Severe, Area Affe	cted : 100%			
	Location: Kitchen					
	Explanation : Ars-15b	, Needs To Be Replace	ed			
No Component	80%					
Generic	10%	202	22 \$2,600	1-3	\$5,100	
	Other Observation, Exte	ent : Light, Area Affec	ted : 100%			
	Location: Throughou	t				
	Explanation : Fire Ex	tinguishers				

Page: 99

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 58 EAST 83RD STREET STATION

Address : 420 EAST 83RD ST. @ PRESTON CT.

Borough : BROOKLYN Agency's Number : N/A

 $Program / Asset \# \quad : \ FIRSEMS.058 / \ 14000 \qquad \qquad Yr \ Built/Renovated \quad : \\$

Area Sq Ft : 25,000 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1562 Lot : 36 BIN : 1050434

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical	\$240,900	
Mechanical		\$118,100
Total	\$240,900	\$118,100
Importance Code A		\$53,700
Importance Code B	\$240,900	\$64,400
Total	\$240,900	\$118,100

Total	\$120,000	\$3,500	\$47,200	\$4,500
Importance Code C	\$22,600			
Importance Code B	\$58,700	\$2,300	\$47,200	\$3,300
Importance Code A	\$38,700	\$1,200	\$100	\$1,200
Total	\$120,000	\$3,500	\$47,200	\$4,500
Mechanical	\$13,400	\$1,700	\$17,200	\$1,700
Electrical	\$4,800	\$1,700	\$30,000	\$1,700
Interior Architecture	\$63,200			\$1,000
Exterior Architecture	\$38,700			
EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020



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

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

Asset #: 14000

rchitecture	Current Repair	Future Replacement	Maintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cos (Yrs)	Priority
kterior Exterior Walls Masonry: Brick	60% Now \$8,600 Broken/Missing Elements, Extent : Lig Location : Front Facade Bottom Corn	==	5 \$14,600	
Metal Coiling Doors	40%	2037 **	5 \$30,400	
Windows Aluminum	100% 0-2 \$14,900 Broken/Missing Elements, Extent: Light Location: Throughout	2040 ** ht, Area Affected : 30%	5 \$600	
Parapets Not Accessible	100%			
Roof Not Accessible	100%			
terior Floors Cast in Place Concrete	50% Now \$18,300	LIFE **	5 \$19,700	
	Horizontal Cracks, Extent : Light, Area Location : Truck Bay Floor		4-00	
Ceramic Tile	5% Now \$1,700 Broken/Missing Elements, Extent: Mod Location: Toilet Rooms	2033 ** derate, Area Affected : 5%	5 \$500	
Vinyl Tile	40% Now \$6,000 Split/Cracked, Extent : Moderate, Area Location : Throughout Administrative		3 \$2,700	
Vinyl Tile	5% Now \$7,500 Other Observation, Extent: Severe, Ar Location: 2nd Floor Explanation: 9x9's Need Replacing	2034 * * ea Affected : 100%	3 \$300	
Interior Walls Ceramic Tile	5% Now \$2,500 Broken/Missing Elements, Extent: Ligation: Toilet Rooms	2033 ** ht, Area Affected : 5%	5 \$500	
Concrete Masonry Unit	40% Now \$16,300 Diagonal Cracks, Extent : Light, Area Location : In Truck Bay Over Storage		5 \$3,000	
Gypsum Board	50% Now \$3,800 Vertical Cracks, Extent : Light, Area A Location : Offices And Hallways	LIFE * * ffected: 10%	5 \$5,600	
Wood	5%	LIFE **	5 \$3,800	
Ceilings AcousTileSusp.Lay-In	50% Now \$7,100 Staining/Discoloring, Extent : Moderat Location : Locker Rooms, Toilet Room	==	5 \$4,500	
Exposed Struc: Steel	50%	LIFE **		

Site Pavements

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

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

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

Asset #: 14000

Architecture	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
Site Pavements						
Public Sidewalk						
Cast in Place Concrete	100%	2037	* *			
Parking/Driveway						
Cast in Place Concrete	100%	2037	* *			
	Other Observation, Extent: Severe, Are	a Affected	d: 100%			
	Location: 2 Street Sides					
	Explanation: 6 On Site Driveways					

Electrical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2034	* *	5	\$100	
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%			
	Location: 1st Floor Service Room					
	Explanation : 2- 400 Amp Service Sw	itches				
Raceway						
Conduit	100%	2034	* *	1		
Panelboards						
Molded Case Bkrs	100%	2032	* *	5	\$700	
Wiring						
Thermoplastic	100%	2024	\$27,100	1		
Motor Controllers						
Locally Mounted	100%	2022	\$14,100	5	\$200	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$400	
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location: Basement					
	Explanation: Water Main					
Stand-by Power						
Transfer Switches						
Automatic	100%	2029	* *	1	\$7,700	
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location: 1st Floor Service Room					
	Explanation: Zenith Type 3 Phase 6	00 Amp Sv	witch			
Generators						
Diesel	100%	2027	* *	1	\$9,700	
	Other Observation, Extent : Moderate, Area Affected : 100%					
	Location: 1st Floor Service Room					
	Explanation: 188 Kva Generator					
Batteries						
Lead/Acid	100%	2017	\$1,500	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.

Asset #: 14000

Electrical	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Fuel Storage						
Day Tank	30%	2032	* *	5	\$1,400	
	Other Observation, Extent:	Moderate, Area Affe	cted : 100%			
	Location: 1st Floor Rear					
	Explanation: 100 Gallon	Tank				
Main Tank	70%	2039	* *	5	\$500	
	Other Observation, Extent : Location : 1st Floor Explanation : 1500 Gals	Moderate, Area Affe	cted : 100%			
Lighting						
Interior Lighting						
Fluorescent	95%	2019	\$148,700	10	\$21,800	
	Other Observation, Extent:	. 55	cted : 100%			
	Location : Throughout Bld	g				
	Explanation: T-12 Fixture	s In Use				
HID	5%	2019	\$4,900	10		
Egress Lighting						
Emergency, Service	10%	2019	\$1,200	1		
Exit, Service	90%	2024	\$2,400	1		
Exterior Lighting						
HID	100%	2019	\$92,200	10	\$100	

Mechanical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2044	* *	1		
Conversion Equipment						
Radiant Heater	50%	2024	\$53,700	2	\$5,800	
	Other Observation, Extent : Lig Location : Garage Explanation : (4) Gas Fired R		100%			
Not Accessible	50% Other Observation, Extent : Lig Location : Roof	ht, Area Affected : 0	9%			
	Explanation : (3) Gas Fired F	ackaged Roof Top U	Inits			
Distribution Ductwork/Diffusers	100% Other Observation, Extent : Lig Location : Office Space Explanation : Office And Sup		* *	2-5	\$13,900	
Air Conditioning						
Energy Source						
Electricity	100%	2040	* *	1		

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

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

Asset #: 14000

Mechanical	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	40% Now Malfunctioning, Exten	\$12,900	2024	\$64,400	2	\$500	
	Location : Roof, Def			1.100/0			
Window/Wall Unit No Component	10% 50%		2019	\$5,000	1		
Distribution Ductwork/Diffusers	50% Other Observation, Ex Location : Office / S Explanation : Garas	upport Space			2	\$16,300	
No Component	50%	ge space is ivoi co	уегей Бу	This System			
Ventilation Distribution						*= 0.5 -	
Ductwork/Diffusers	50% Other Observation, Ex Location : Garage Explanation : Flat O	_		* * : 100%	2-5	\$7,000	
Ductwork/Diffusers	50%		LIFE	* *	2-5	\$7,000	
Exhaust Fans Interior	25% Other Observation, Ex Location : 83rd Stre Explanation : Serves	et Side	2024 Affected	\$6,700 : 100%	2	\$200	
Roof	50% Other Observation, Ex Location : Roof Explanation : Serves	xtent : Light, Area	2024 Affected	\$9,700	2	\$400	
Roof	25% Now Malfunctioning, Extent Location: Defective	\$200 at : Moderate, Area			2 aust Fans	\$200	
Plumbing H/C Water Piping Brass/Copper	100%		2034	* *	1		
Water Heater Electric	100% Other Observation, Ex	stent : Light, Area	2019 Affected	\$3,800 : 100%	4	\$100	
	Location : Mens Loc		atus Floo	r			
Sanitary Piping Cast Iron	Explanation : 2 - 50	Gallon Units	LIFE	* *	1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		

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

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

Page: 104

FIRE DEPARTMENT - 057 EMS STATION 58 EAST 83RD STREET STATION

Mechanical	Current Repair	Future	Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Fixtures						
Generic	100%					
	Other Observation, Extent: Lig	ght, Area Affected :	2%			
	Location : Garage					
	Explanation: Broken Water	Cooler				
Fire Suppression						
Sprinkler						
No Component	50%					
Generic	50%	2034	* *	1-2	\$3,500	

Page: 105

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENG CO 264&ENG CO 328/LAD CO 134

Address : 16-15 CENTRAL AVENUE

Borough : QUEENS Agency's Number : N/A

Program / Asset # : FIRSECO.264 / 13153 Yr Built/Renovated : 1913 / 2003

Area Sq Ft : 13,944 Project Type : FIRE DEPARTMENT

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

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

Block : 15559 Lot : 25 BIN : 4298240

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		\$51,400
Mechanical		\$128,600
Total		\$180,100
Importance Code B		\$180,100
Total		\$180,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$21,000		\$11,200	
Interior Architecture	\$62,500			\$400
Electrical	\$18,100	\$1,000	\$1,200	\$1,000
Mechanical	\$19,100	\$2,200	\$2,000	\$1,900
Total	\$120,700	\$3,200	\$14,400	\$3,300
Importance Code A	\$22,400	\$1,400	\$12,600	\$1,400
Importance Code B	\$71,600	\$1,800	\$1,800	\$1,900
Importance Code C	\$26,700			
Total	\$120,700	\$3,200	\$14,400	\$3,300



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

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

FIRE DEPARTMENT - 057 ENG CO 264&ENG CO 328/LAD CO 134

Asset #: 13153

Architecture		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	15%			LIFE	* *	5	\$5,400	
Masonry: Granite	5%			LIFE	* *		\$1,300	
, , , , , , , , , , , , , , , , , , ,			Extent : Light, Are		ed : 2%		, ,	
	Location: Facade Base; Front Facade.							
Masonry: Limestone	15%	0-2	\$5,800	LIFE	* *	5	\$2,000	
,			d, Extent : Moderat		Affected : 10%		, ,	
			Between Limestone					
	Caulking	Deteriorate	ed, Extent : Modera	te, Area	Affected : 15%			
	_		All Overhead Door					
			Extent : Light, Are					
	_	_	Front Facade.	-55				
Stucco Cement	50%			2039	* *	5	\$22,500	
Wood Overhead Doors	15%			2031	* *		\$13,500	
Windows	15/0			2031			Ψ13,500	
Aluminum	100%			2042	* *	5	\$500	
Parapets								
Masonry: Brick	75%			LIFE	* *	5-10	\$4,500	
Masonry: Limestone	10%			LIFE	* *	5-10	\$1,100	
111455111.71 21111.051511.0	Staining/L	Discoloring	Extent : Light, Are	a Affect	ed : 20%		. ,	
	_	_	On Main Roof.					
Stucco Cement	15%			2031	* *	5	\$300	
Roof							· · · · · · · · · · · · · · · · · · ·	
Built-Up (BUR)	100%	Now	\$6,900	2031	* *			
			nt : Moderate, Ared		d : 5%			
	Location : Southeast Corner							
	Miss/Damaged Flashings, Extent : Light, Area Affected : 5%							
		_	Floor Roof East Wa		,,,			
			tent : Moderate, Ar		ted : 10%			
	Location	ı : Various	Locations					
			amage, Extent : Mo	oderate, .	Area Affected : 59	%		
		_	ed Locations	,	55			
nterior								

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

FIRE DEPARTMENT - 057 ENG CO 264&ENG CO 328/LAD CO 134

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	75%	Now	\$7,900	LIFE	* *	5	\$34,200	
	Cracking/C	Crumbling,	Extent: Moderate	, Area Aj	ffected : 5%			
	Location	: Third Fl	oor Gymnasium					
	Horizontal	Cracks, E	xtent : Light, Area	Affected	: 5%			
	Location	: Various	Locations Through	out All F	Floors			
Ceramic Tile	5%	0-2	\$1,000	2029	* *	5	\$500	
	Worn/Erod	led, Extent	: Light, Area Affec	ted : 109	%			
	Location	: Toilets T	hroughout					
Quarry Tile	5%			2031	* *	5	\$1,600	
	Worn/Erod	led, Extent	: Light, Area Affec	ted : 109	%		. ,	
		: Kitchen	0					
Vinyl Tile	15%	Now	\$2,600	2031	* *	3	\$1,200	
,	Broken/Mi.	ssing Elem	ents, Extent : Mode	erate, Ar	ea Affected : 10%		. ,	
	Location	: Various	Locations Through	out				
			: Light, Area Affec		%			
		: Through						

FIRE DEPARTMENT - 057 ENG CO 264&ENG CO 328/LAD CO 134

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
Interior					•
Interior Walls					
Ceramic Tile	5% 0-2 \$1,200	2029 **	5	\$400	
	Broken/Missing Elements, Extent: Mod	erate, Area Affected : 10%			
	Location: Toilets And Kitchen	1 100/			
	Cracking/Crumbling, Extent: Moderate	e, Area Affected : 10%			
	Location : Toilets And Kitchen				
Gypsum Board	15% 2-4 \$500	LIFE **	5	\$1,600	
	Paint Peeling, Extent: Light, Area Affec				
	Location: Various Locations Through				
	Punct/Tear/Impact Damage, Extent : M	oderate, Area Affected : 5%	ó		
	Location : Various Locations				
Masonry: Brick	15% Now \$5,100	LIFE **			
	Horizontal Cracks, Extent : Moderate, A	Area Affected : 5%			
	Location: Basement				
	Jnt Mortar Miss/Erod, Extent : Light, A				
	Location: Engine Company Basemen				
	Paint Peeling, Extent: Light, Area Affec	cted : 50%			
	Location : Basement				
Plaster	45% Now \$6,300	LIFE **	5	\$2,400	
	Cracking/Crumbling, Extent: Severe, A	rea Affected : 15%			
	Location: Various Locations				
	Paint Peeling, Extent : Light, Area Affec	cted : 20%			
	Location: Various Locations				
	Spalling, Extent: Light, Area Affected:	10%			
	Location: Various Locations				
	Water Penetration, Extent : Severe, Are	a Affected : 25%			
	Location : Various Locations				
SGFT/Glazed Masonry	20% Now \$13,500	LIFE **			
	Diagonal Cracks, Extent : Moderate, An	rea Affected : 5%			
	Location : Apparatus Room				
	Horizontal Cracks, Extent : Moderate, A	Area Affected : 5%			
	Location : Apparatus Room				

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

Asset #: 13153

Architecture	Current Repair		Future Replac	ement	М					
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority			
Interior										
Ceilings										
AcousTileSusp.Lay-In	55% Now	\$4,500	2039	* *	5	\$5,700				
	Broken/Missing Elem		erate, Area Affecte	ed : 15%						
	Location: Various									
	Misaligned/Bulging, Extent: Moderate, Area Affected: 25%									
	Location: Various Locations									
	Staining/Discoloring,		ea Affected : 10%							
	Location : Truck Bu									
Exposed Concrete	15% Now	\$9,800	LIFE	* *	5	\$500				
	Cracking/Crumbling,		rea Affected : 15%	ó						
	Location: Basemen		1 1 00 1 0	00/						
	Exposed Reinforceme			0%						
	Location : Engine C									
	Spalling, Extent: Sev		: 10%							
	Location: Basemen		a Affactad . 200/							
	Other Observation, Extent : Severe, Area Affected : 20% Location : North Side Of Ladder Company Basement.									
	Explanation: Corroded Steel Beam. Supplemental Supports Are In Place.									
Cymaum Board	10%	med Steet Beam. S	LIFE	**	5-10	\$7.200				
Gypsum Board	Other Observation, E.	rtant : Light Arga		•	3-10	\$7,200				
	Location : Toilets A	_	Affected . 1070							
	Explanation : Paint									
Plaster	20% Now	\$5,400	LIFE	* *	5	\$2,600				
Flastel	Cracking/Crumbling,				3	\$2,000				
	Location: Various		rea Affectea : 1576	9						
	Paint Peeling, Extent: Light, Area Affected: 15%									
	Location: Various Locations									
	Staining/Discoloring, Extent: Light, Area Affected: 15%									
	Location: Various	_	.a.1.jjee.eu . 15/0							
	Water Penetration, E.		a Affected : 15%							
	Location: Various I		,,, 001001. 1070							

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		
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	90%	2046	* *	5	\$300			
	Other Observation, Extent : Light, Area Affected : 100% Location : North Side Basement Explanation : 200 Amps. Service							
Photovoltaic Panel(s)	10%	2035	* *	1				
	Other Observation, Extent : Light, Area Affected : 100% Location : Roof Explanation : Serves Hot Water Heater							

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

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

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

Asset #: 13153

Electrical	Current Repair	Future Rep	lacement	M		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Raceway						
Conduit	60%	2036	* *	1		
Conduit	40%	2046	* *	1		
Panelboards Molded Case Bkrs	100%	2034	* *	5	\$400	
Wiring Thermoplastic	100%	2036	* *	1		
Motor Controllers Locally Mounted	100%	2031	* *	5	\$100	
round						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$400	
tand-by Power						
Transfer Switches						
Automatic	100%	2039	* *	1	\$4,300	
Generators						
Diesel	100%	2035	* *	1	\$5,400	
	Other Observation, Extent : Ligh	t, Area Affected : 100	%			
	Location : Exterior					
	Explanation: 75 Kw					
Batteries	1000/	2021	Φ1. 5 00	~	Ф2 100	
Nickel Cadmium	100%	2021	\$1,500	5	\$3,100	
Fuel Storage	100%	2042	* *	5	\$2,600	
Day Tank	Other Observation, Extent : Ligh Location : Exterior Explanation : 125 Gallons.			3	\$2,000	
ighting	Explanation: 123 Gations.					
Interior Lighting						
Fluorescent	97%	2031	* *	10	\$12,400	
1 10010500110	Motion Sensors in Use, Extent : I Location : Throughout		100%	10	Ψ1 2, 100	
	T-8 Lamps, Extent : Light, Area L Location : Throughout	Affected : 100%				
Incandescent	3%	2026	\$2,600	2		
	Other Observation, Extent: Ligh Location: Ceiling Of Stair Tow	t, Area Affected : 100				
	Explanation : Incandescent Do					
Egress Lighting	•					
Emergency, Battery	50%	2026	\$9,200	10	\$1,700	
Exit, Battery	50%	2026	\$2,500	10	\$500	
Exterior Lighting HID	100%	2026	\$51,400	10		

Alarm

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

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

Asset #: 13153

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

Alarm

Fire/Smoke Detection

No Component 90%

Generic, Analog 10% Now \$14,100 2036 **

Devices Missing, Extent: Severe, Area Affected: 100%

Location: Throughout

Local/Battery Operated Detect, Extent : Light, Area Affected : 100%

Location: Throughout

Mechanical	Current Repair		e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2046	* *	1		
Conversion Equipment						
Steam Boiler	100%	2039	* *	1	\$13,800	
Distribution						
Steam Piping/Pump	100%	2046	* *	4	\$1,000	
Terminal Devices						
Convector/Radiator	100%	2024	\$128,600	1	\$4,500	
	Corroded, Extent : Light, Area Affe	cted : 100%				
	Location : All Floors					
Air Conditioning						
Energy Source						
Electricity	100%	2034	* *	1		
Conversion Equipment						
Split Unit	10%	2031	* *			
Window/Wall Unit	50%	2021	\$14,000	1		
No Component	40%					
Ventilation						
Distribution						
Ductwork/Diffusers	20%	LIFE	* *	2-5	\$2,500	
No Component	80%					
	Other Observation, Extent : Light, A	Area Affected	: 0%			
	Location: TV Room					
	Explanation : Ventilation Air					

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

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

Asset #: 13153

echanical	Current Repair	Future Replaceme	ent	Maintenance		
vstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost Cycl (Yrs		Priority	
entilation						
Exhaust Fans						
Interior	10% Other Observation, Extent: Light, Area Location: Bathrooms Explanation: Under Sized		,500 2			
Roof	10% Other Observation, Extent: Light, Area Location: Kitchen Explanation: Kitchen Exhaust		,100 2			
Wall Unit	30% Other Observation, Extent: Light, Area Location: 1st Floor Explanation: Serves Engine Bays On	a Affected : 100%	,200 2	\$100		
No Component	50%					
umbing H/C Water Piping Brass/Copper	100% Antiquated, Extent : Moderate, Area Aj Location : Basement Not Insulated, Extent : Light, Area Affe Location : Bathrooms		** 1			
Water Heater Electric	50% Now \$100 Unit Inoperable, Extent : Moderate, Ar Location : Roof	rea Affected : 20%	,100 4			
Gas Fired	Other Observation, Extent : Moderate, Location : Roof Explanation : Solar Heat. 50%		,600 2	\$100		
GasTileu	Other Observation, Extent : Light, Area Location : Basement Explanation : 2 - 75 Gallon Units		,000 2	\$100		
Sanitary Piping						
Cast Iron	100% 0-2 \$8,900 Corroded, Extent : Severe, Area Affecto Location : Front Of Basement	LIFE ed: 20%	** 1			
Storm Drain Piping Cast Iron	100%	LIFE	** 1			
Sump Pump(s) Submersible	100%	2017 \$6	,500 4	\$2,500		
Fixtures Generic	100%					

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

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

Page: 113

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 1/HOOK & LADDER 24

Address : 142 WEST 31st STREET BTWN: 6TH AVE. - 7TH AVE.

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSECO.001 / 13001 Yr Built/Renovated : 1946 / 2005

Area Sq Ft : 11,326 Project Type : FIRE DEPARTMENT

Date of Survey : 16-Jun-2015 Landmark Status : NONE

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

Block : 806 Lot : 66 BIN : 1015173

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$50,000
Total		\$50,000
Importance Code A		\$50,000
Total		\$50,000

Electrical Mechanical	\$11,800 \$24,000	\$800 \$9,700	\$1,000 \$10,200	\$2,300 \$5,200
Total	\$150,600	\$18,500	\$12,300	\$7,800
Importance Code A	\$62,200	\$8,600	\$600	\$600
Importance Code B	\$75,100	\$9,900	\$11,800	\$6,900
Importance Code C	\$13,300			\$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.

Asset #: 13001

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
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$42,000	
Masonry: Limestone	5%			LIFE	* *	5	\$2,100	
Metal Panel	5%			2046	* *	5-10	\$9,600	
Metal Sect. OHD	15%			2043	* *	5	\$13,100	
Windows	1.000/			20.40	* *	~	Φ2.000	
Aluminum	100%			2048	* *	5	\$2,900	
Parapets Cast Stone/Terra Cotta	30%			LIDE	* *	5 10	\$22.100	
Masonry: Brick	50% 65%			LIFE LIFE	* *	5-10 5-10	\$22,100 \$11,500	
Metal Rail	5%		\$3,400	2046	* *	5-10 5	\$900	
Wetai Kan			95,400 nents, Extent : Mod				\$300	
		_	ails Missing On U					
Roof								
Roll Roofing	95%			2022	\$50,000	5	\$20,700	
11011 110011119			Extent : Light, Area				Ψ20,700	
		ı: Through		55				
		_	atoring At Seams					
Skylight, Metal/Glass	5%			2046	* *	10	\$2,200	
Interior							+-,	
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	\$31,600	
Ceramic Tile	15%			2039	* *	5	\$2,400	
Wood	40%	4+	\$4,100	2066	* *	5	\$6,000	
			Extent : Light, Area	a Affecte	d : 50%			
	Location	ı : Through	out					
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	\$3,800	
Ceramic Tile	5%			2035	* *	5	\$800	
Concrete Masonry Unit	5%			LIFE	* *	5	\$600	
Gypsum Board	30%		\$400	LIFE	* *	5	\$2,700	
			Extent : Light, Are	ea Affecti	ed : 1%			
			tairwell To Roof					
Masonry: Brick	5%			LIFE	* *	10	\$200	
Metal Panel	5%			LIFE	**	10	\$300	
Plaster	5%			LIFE	* *	5-10	\$600	
SGFT/Glazed Masonry	25%			LIFE	* *	10	\$1,900	
Wood	10%			LIFE	* *	5	\$12,000	
Ceilings	050/			LIDE	* *	10	ΦΩ ΩΩΩ	
Exposed Struc: Steel	25%		¢200	LIFE	* *	10	\$8,000	
Gypsum Board	10% Water Per		\$300 Extent : Light, Area	LIFE		5	\$2,000	
			xieni : Ligni, Area or Ceiling And Skyl		. 5/0			
Maril D. J.			n Cenng And Skyl		* *		Φ4 000	
Metal Panel	10%			LIFE	* *	5 5 10	\$4,000	
Plaster	55%			LIFE	ጥ ጥ	5-10	\$15,200	

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

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

Asset #: 13001

Electrical	(Current Repair		e Replacement	M	aintenance			
System Component Type		ail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%		2046	* *	5				
		vation, Extent : Light, Area	Affected	: 100%					
	Location:								
	Explanatio	on : 400 Amps.							
Switchgear / Switchboard									
Fused Disc Sw	100%		2046	* *	5				
Raceway									
Conduit	70%		2026	\$21,400	1				
Conduit	30%		2046	* *	1				
Panelboards									
Molded Case Bkrs	100%		2042	* *	5	\$300			
Wiring									
Thermoplastic	100%		2046	* *	1				
Motor Controllers									
Locally Mounted	100%		2039	* *	5	\$100			
Ground									
Grounding Devices									
Generic	100%		LIFE	* *	5	\$300			
Stand-by Power									
Transfer Switches									
Automatic	100%		2039	* *	1	\$3,500			
Generators									
Diesel	100%		2035	* *	1	\$4,400			
	Other Obser	vation, Extent : Light, Area	Affected	: 100%					
	Location:	Outside							
	Explanatio	on : 65 Kw Portable Type							
Batteries									
Lead/Acid	100%		2020	\$1,500	5	\$400			
Fuel Storage									
Main Tank	100%		2054	* *	5	\$300			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Below Generator								
	Explanatio	on : Belly Tank							
Lighting									

Lighting

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

Asset #: 13001

Electrical		Current Repair		Futur	Future Replacement		Maintenance			
System Component Type	% of I Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Lighting										
Interior Lighting										
Fluorescent	25%			2031	* *	10	\$2,600			
		T-8 Lamps, Extent : Light, Area Affected : 100% Location : Throughout Building								
Fluorescent	25%			2031	* *	10	\$2,600			
	T-5 Lamps, Extent: Light, Area Affected: 100%									
	-	: Throughout								
Fluorescent	20%			2031	* *	10	\$2,100			
	Compact Fluorescent Light, Extent : Light, Area Affected : 100% Location : Corridors									
HID	30%			2031	* *	10	\$100			
	Other Obse	Other Observation, Extent : Light, Area Affected : 100%								
	Location :	: Throughout	Building							
	Explanati	on : Mostly P	endant Fixtures	,						
Egress Lighting										
Emergency, Service	75%			2031	* *	1				
Exit, LED	25%			2054	* *	1				
Exterior Lighting										
HID	50%			2031	* *	10				
HID	50%	Now	\$10,400	2031	* *					
	Malfunction	ning, Extent :	Light, Area Affo	ected : 10	00%					
	Location : Rear Exterior And Roof									

Mechanical	echanical Current Repair		Future Replacement			aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2046	* *	1		
Conversion Equipment							
Furnace	50%		2031	* *	1	\$2,800	
	Other Observation, Ex	tent : Light, Area A	ffected	: 100%			
	Location: Roof						
	Explanation: 4 Heat	ing / Cooling Units					
Hot Water Boiler	50%		2039	* *	1	\$2,800	
Distribution							
Ductwork/Diffusers	50%		LIFE	* *	2-5	\$5,000	
Hot Wtr Piping/Pump	50%		2042	* *	4	\$400	
Terminal Devices							
Convector/Radiator	100%		2039	* *	1	\$3,700	
Air Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		

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

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

Asset #: 13001

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of I Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	99%			2031	* *	2	\$700	
Trouting Cooming	Location:	Roof	xtent : Light, Area eating / Cooling U					
Window/Wall Unit	1%	on . 4 - 110	ediing / Cooling O	2021	\$200	1		
Distribution	1 /0			2021	\$200	1		
Ductwork/Diffusers No Component	99% 1%			LIFE	* *	2	\$18,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,000	
Exhaust Fans								
Roof	80%			2031	* *	2	\$300	
Wall Unit	20%			2031	* *	2	\$100	
Plumbing H/C Water Piping Brass/Copper	100%			2046	* *	1		
Water Heater Gas Fired	Location :	Basemen	xtent : Light, Area t 00 Gallon Unit, 1-1			2	\$200	
Sanitary Piping	Espicification	011.1 10	o Guiton Chii, 1 1	75 Gaile				
Cast Iron	Location : Explanati	· Basemen on : Repor	rted That Main Dro			1 sing. Rea	son For Required	
Storm Drain Dining	Cleaning	was Not V	/isible.					
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Backflow Preventer Generic	100%			2031	* *	1	\$700	
Fixtures Generic	100%							
Fire Suppression								
Sprinkler Generic	100%			2046	* *	1-2	\$3,200	
Chemical System Generic	100%			2024	\$25,500	1-3	\$50,600	
-						•		•

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 168 EMS STATION 23 ROSSVILLE STATION
Address : 1100 ROSSVILLE AVENUE 300 VETERANS ROAD EAST

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIR0018.000 / 13581 Yr Built/Renovated : 2003 /

Area Sq Ft : 20,096 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 7067 Lot : 252 BIN : 5851738

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$52,700	\$175,700
Interior Architecture	\$36,800	
Total	\$89,500	\$175,700
Importance Code A	\$52,700	\$175,700
Importance Code B	\$36,800	. ,
Total	\$89,500	\$175,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$16,600			\$32,800
Interior Architecture	\$15,700		\$1,100	
Electrical	\$5,100	\$21,100	\$5,000	\$2,500
Mechanical	\$31,600	\$6,000	\$17,900	\$6,100
Total	\$69,000	\$27,000	\$24,000	\$41,400
Importance Code A	\$18,300	\$1,000	\$1,000	\$33,800
Importance Code B	\$43,500	\$26,000	\$23,000	\$7,700
Importance Code C	\$7,200			
Total	\$69,000	\$27,000	\$24,000	\$41,400



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

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

Asset #: 13581

rchitecture	Curr	ent Repair	Futur	e Replacement	M	aintenance	
estem Component Type	% of Fail D Total (Yea	Pate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior							
Exterior Walls							
Glass Block	2%		LIFE	* *	5	\$300	
Masonry: Brick	83% 2-4	T,	LIFE	* *	5	\$21,000	
	Location : Peri	orated, Extent : Moderd meter	ite, Area I	Affected : 100%			
Metal Coiling Doors	15% 4+ Deformed/Dented Location : Three	d, Extent : Light, Area	2040 Affected :	* *	5	\$5,900	
Windows Aluminum	100%		2045	* *	5	\$600	
Parapets							
Metal Rail Roof	100%		2040	* *	5-10	\$53,500	
Modified Bitumen	Location: Thro Blisters, Extent: Location: Thro	ent : Moderate, Area A oughout Moderate, Area Affect oughout vident, Extent : Light, A	ed : 10%				
erior							
Floors Cast in Place Concrete	40%		LIFE	* *	5	\$26,300	
Ceramic Tile	10% 0-2	\$2,800	2036	* *	5	\$1,500	
		ling, Extent : Severe, A		ted : 20%		\$1,000	
Sheet Vinyl/Rubber	20%		2031	* *	5	\$9,000	
Vinyl Tile	30%		2031	* *	3	\$3,400	
Interior Walls							
Cast in Place Concrete	15%		LIFE	* *			
Concrete Masonry Unit	70% 2-4		LIFE	* *	5	\$6,600	
	Diagonal Cracks Location: Thro	s, Extent : Moderate, A oughout Cellar	rea Affect	ed : 10%			
Glass Block	5%		LIFE	* *			
Gypsum Board	10%		LIFE	* *	5	\$1,400	
Ceilings							
Exposed Concrete	30% 2-4		LIFE	* *	5	\$1,400	
	_	s, Extent : Moderate, A oughout Cellar Ceiling	rea Affect	ed : 5%			
Exposed Struc: Steel	40%		LIFE	* *			
Gypsum Board	5%		LIFE	* *	5	\$1,900	
Metal Panel	25% 0-2		LIFE	* *	5	\$9,400	
		on, Extent : Moderate, A					
	Location : Kitc	hen, E. M. S. And 2nd	Floor Loc	ker Room			

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

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

Asset #: 13581

			A5561#.15					
Electrical		Current	Repair	Future	Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%		\$700	2043	* *	5		
	-		ge, Extent : Moder	ate, Area A	ffected : 100%			
		n : Electrico						
			Extent : Light, Area	Affected:	100%			
		n : Electrico						
			Electrical Service I					
Photovoltaic Panel(s)	25%			2032	* *	1		
			Extent : Light, Area	Affected :	100%			
			at And Roof					
			ovoltaic Panels Obs	served On I	Roof. Photovolta	aic Equip	ment Observed In	
Carital and Carital hand	Electric	Room In B	asement					
Switchgear / Switchboard Fused Disc Sw	100%			2043	* *	5	\$100	
Raceway	10070			2043			\$100	
Conduit	100%			2043	* *	1		
Panelboards	10070			2073		1		
Molded Case Bkrs	100%			2039	* *	5	\$500	
Wiring	10070			2037			Ψ300	
Thermoplastic	100%			2043	* *	1		
Motor Controllers	10070			2015				
Locally Mounted	100%			2036	* *	5	\$100	
2004119 1120411000			Extent : Light, Area		100%		4100	
		n : 1st Floo		<i>JJ</i>				
	Explana	tion : (3) C	verhead Door Ope	rators				
Ground	•							
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
	Other Ob.	servation, E	Extent : Light, Area	Affected:	100%			
	Location	n : Water M	leter Room					
	Explana	tion : Conn	ected With Main W	Vater Pipe				
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	\$6,200	
Generators	400			2005		_	*= 05 -	
Diesel	100%			2032	* *	1	\$7,800	
			Extent : Light, Area	Affected:	100%			
		n : Exterior						
B 1	Explana	tion : 80 K	va					
Batteries	1000/			2017	Φ1 5 00	_	\$700	
Lead/Acid	100%		Entant , Ti-1- A	2017	\$1,500	5	\$700	
			Extent : Light, Area	Ајјестеа :	100%			
		n : Exterior		~~~				
	Ехріапа	uion: With	in Generator Enclo	sure				

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

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

Asset #: 13581

Electrical	Current Repa	ir Futur	Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Fuel Storage						
Day Tank	100%	2039	* *	5	\$3,700	
	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location : Exterior Rea	r Yard				
	Explanation : Below Ge	nerator				
Lighting						
Interior Lighting						
Fluorescent	100%	2028	* *	10	\$18,400	
	T-8 Lamps, Extent : Light	, Area Affected : 100%				
	Location: Throughout					
Egress Lighting						
Exit, LED	100%	2051	* *	1		
Exterior Lighting						
HID	100%	2028	* *	10	\$100	
	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location : Exterior					
	Explanation: Wall Pac	ks On Buildings, Light H	Poles In Parking A	rea		
Lightning Protection						
Arresters/Cabling						
Generic	100%	2051	* *	5	\$600	
Alarm						
Fire/Smoke Detection						
Generic	100%	2028	* *	1-3	\$12,400	

Mechanical		Current Repa	ir	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2049	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	\$9,900	
Distribution								
Hot Wtr Piping/Pump	100%			2045	* *	4	\$1,500	
Terminal Devices								
Air Handler	30%			2031	* *	1	\$3,700	
Convector/Radiator	30%			2040	* *	1	\$2,000	
Unit Heater-Stm/HW	20%			2028	* *	4	\$400	
Unit Heater-Stm/HW	20%	Now	\$25,400	2033	* *	4	\$400	
	Unit Inope	rable, Extent : S	Severe, Area A	ffected :	100%			
	Location	: Apparatus Ar	ea					
	Other Obse	ervation, Exteni	: Severe, Are	a Affecte	ed : 100%			
	Location	: Apparatus Ar	ea					
	Explanat	ion : Not Funct	ioning					
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		

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

Estimates are rounded to the nearest hundred dollars.

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

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

Asset #: 13581

Mechanical		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
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	50%			2028	* *	2	\$600	
Split Unit	5%			2023	\$4,500			
Window/Wall Unit	5%			2021	\$2,000	1		
No Component	40%							
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2	\$15,700	
No Component	40%							
Heat Rejection								
Air Condenser Unit	5%			2028	* *	2	\$700	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$5,600	
No Component	50%							
Exhaust Fans								
Roof	100%			2028	* *	2	\$600	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2049	* *	1		
Galv Iron/Steel	30%			2040	* *	1		
Water Heater	1000/			2021	4.500		4200	
Gas Fired	100%			2021	\$4,600	2	\$300	
			Extent : Light, Area	Affectea	t : 100%			
			lechanical Room					
g : P: :	Explana	non : Iwo .	75 Gallon Water H	eaters				
Sanitary Piping	1.000/			LIEE	* *	1		
Cast Iron	100%	nain Enida	ıt, Extent : Light, A	LIFE		1		
		: Through	_	леи Ајје	ciea . 2070			
Ct Davis Bisis	Locuitor	. Inrough	Ош					
Storm Drain Piping	1000/			LIFE	* *	1		
Cast Iron	100%			LIFE	~ ^	1		
Sump Pump(s)	1000/			2021	* *	4	φ1 COO	
Rigid Piping	100%			2031		4	\$1,600	
Backflow Preventer	1.000/			2021	* *	1	¢1 200	
Generic	100%			2031		1	\$1,200	
Fixtures	1000/							
Generic	100%	amoration E	rtont . Licht A	Affortod	1 • 100/			
		ervation, E : Apparati	Extent : Light, Area	Ајјестеа	. 10%			
				a Forma	ain Not Ononation			
Eiro Cunnession	Ехріапа	юп . Арра	ratus Area Drinkin	g rounte	un woi Operating			

Fire Suppression

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

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

Page: 123

FIRE DEPARTMENT - 057 ENGINE CO. 168 EMS STATION 23 ROSSVILLE STATION

Asset #: 13581

Mechanical	Current Repair	Future R	eplacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
rire Suppression						
Sprinkler	40-1					
No Component	60%					
Generic	40%	2049	* *	1-2	\$2,300	
	Other Observation, Extent : Light, A	Area Affected : 40	0%			
	Location : Cellar					
	Explanation: Cellar Fully Sprink	led				
Chemical System						
Wet	100%	2022	\$27,800	1-3	\$57,100	
	Other Observation, Extent: Light, A	Area Affected : 10	00%			
	Location: Kitchen					
	Explanation: Over Range					

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 17/LADDER CO.18 (COMBINED FACILITY)

Address : 25 PITT STREET @ DELANCEY ST

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSECO.017 / 13013 Yr Built/Renovated : 1973 / 1988

Area Sq Ft : 14,780 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 342 Lot : 60 BIN : 1004078

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$107,100	
Interior Architecture	\$50,500	
Electrical		\$58,300
Total	\$157,600	\$58,300
Importance Code A	\$107,100	
Importance Code B	\$50,500	\$58,300
Total	\$157,600	\$58,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$13,300		\$300	
Interior Architecture	\$65,700	\$900		\$1,400
Electrical	\$22,800		\$12,500	\$200
Mechanical	\$16,100	\$2,100	\$12,700	\$3,100
Total	\$117,800	\$3,000	\$25,500	\$4,700
Importance Code A	\$13,300		\$300	
Importance Code B	\$97,800	\$2,700	\$25,200	\$4,700
Importance Code C	\$6,700	\$300		
Total	\$117.800	\$3,000	\$25,500	\$4,700



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

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

Asset #: 13013

rchitecture		Current I	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	93%			LIFE	* *	5	\$8,100	
Metal Panel	2%		40.400	2044	* *	5-10	\$1,200	
Metal Coiling Doors	5%		\$9,600	2029	* *	5	\$700	
		issing Elen 1 : Through	nents, Extent : Seve out	re, Area	Affected: 100%			
Windows								
Steel	100%	0-2	\$107,100	2049	* *	5	\$13,100	
	Other Ob:	servation, E	Extent : Severe, Are	a Affecte	d: 100%			
	Location	ı : Through	out					
	Explana	tion : Deter	riorated					
Parapets								
Cast in Place Concrete	2%			LIFE	* *	5	\$1,200	
Masonry: Brick	98%			LIFE	* *	5	\$5,800	
Roof								
Built-Up (BUR)	100%		\$3,700	2029	* *			
			xtent : Light, Area	Affected	: 5%			
.	Locatioi	ı : Through	out					
erior								
Floors Cast in Place Concrete	35%	Now	\$32,500	LIFE	* *	5	\$17,500	
Cast III Flace Coliciete			Extent : Moderate			3	\$17,300	
	_	ı : First Flo		, птеи пј	ijecieu . 0070			
Ceramic Tile	5%			2033	* *	5	\$1,100	
Mosaic Tile	5%			2037	* *	5	\$2,900	
Quarry Tile	5%			2037	* *	5	\$1,700	
Vinyl Tile	50%	Now	\$9,500	2029	* *	3	\$4,300	
,			Extent : Moderate, A		ected : 5%		+ 1,000	
		ı : Second I		00				
	Explana	tion : Deter	riorated Floor Tiles	5				
Interior Walls	<u> </u>							
Ceramic Tile	2%			2033	* *	5	\$600	
Concrete Masonry Unit	46%			LIFE	* *	5	\$5,300	
Plaster	30%	0-2	\$6,700	LIFE	* *	5	\$2,600	
	-	_	Extent: Light, Are	ea Affecte	ed : 10%			
	Location	ı : Through	out					
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	2%			LIFE	* *	5	\$2,300	

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

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

Asset #: 13013

Architecture		Current F	Repair	Futui	re Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Ceilings									
AcousTileSusp.Lay-In	70%	Now	\$50,500	2029	* *	5	\$8,000		
	Cracking/	Cracking/Crumbling, Extent: Severe, Area Affected: 60%							
	Location	: Through	out						
	Other Obs	ervation, E	xtent : Light, Area	Affected	1:2%				
	Location	: Through	out						
	Explana	tion : Damo	aged Ceiling Tiles						
Exposed Concrete	20%			LIFE	* *	5	\$700		
Plaster	5%	0-2	\$14,600	LIFE	* *	5	\$700		
	Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
	Location	: Through	out						
No Component	5%								
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100%			2037	* *				
Parking/Driveway									
Cast in Place Concrete	100%	0-2	\$1,400	2037	* *				
	Cracking/	Crumbling,	Extent : Light, Are	ea Affect	ed : 10%				
	Location	: Through	out						

Electrical	Current Repair	Futur	e Replacement	М	aintenance					
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Under 600 Volts										
Raceway										
Conduit	100%	2044	* *	1						
Panelboards										
Molded Case Bkrs	90%	2040	* *	5	\$400					
Molded Case Bkrs	10%	2023	\$3,800	5						
Wiring										
Thermoplastic	100%	2044	* *	1						
Motor Controllers										
Locally Mounted	30% 0-2	\$4,200 2044	* *	5						
	Obsolete Equipment, Extent : Moderate, Area Affected : 30%									
	Location: Garage Door Motor Controls									
	On Extended Life, Extent : Moderate, Area Affected : 100%									
	Location: Throughout									
Locally Mounted	70%	2037	* *	5	\$100					
Ground										
Grounding Devices										
Generic	100%	LIFE	* *	5	\$200					
	Other Observation, Extent : Moderate, Area Affected : 100%									
	Location: Basement									
	Explanation: Water Main	i								

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 #: 13013

Electrical		Current Repair		Futur	e Replacement	M	aintenance	
System Component Type		ail Date Estir (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	75%			2029	* *	10	\$10,200	
	Location:	rvation, Extent : Throughout on : T-12 Lamps		Area Affe	cted : 100%			
Fluorescent	20%	2-4	\$18,500	2034	* *			
	Obsolete Fi	xtures, Extent:	Severe, Area	Affected	l : 100%			
	Location:	Garage & Kitc	hen					
Incandescent	5%			2029	* *	2		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	\$1,800	
Exit, Battery	50%			2029	* *	10	\$500	
Exterior Lighting								
HID	100%			2024	\$54,500	10		

	10070		2024	\$34,300	10		
Mechanical	Current Re	pair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Not Accessible	100%						
	Other Observation, Ext	ent : Light, Area	Affected	: 0%			
	Location : Other Side	Of Building					
	Explanation : Supplie	d From 7th Preci	nct				
Conversion Equipment							
Not Accessible	100%						
	Other Observation, Ext	ent : Light, Area	Affected	: 0%			
	Location: Supplied F	rom The Precinc	t				
	Explanation : Inadequ	uate Heat Supply					
Distribution							
Hot Wtr Piping/Pump	100%		2040	* *	4	\$700	
Terminal Devices							
Convector/Radiator	90% Now	\$6,100	2037	* *	1	\$3,900	
	Malfunctioning, Extent	: Moderate, Area	ı Affected	l : 5%			
	Location: Control Sy	stem In The Prec	inct				
Fan Coil Unit/Heat	10% Now	\$1,100	2029	* *	1	\$400	
Tun Con Omoricat	Malfunctioning, Extent			1 : 5%	•	Ψ100	
	Location : Control Sy			,			
Air Conditioning							
Energy Source							
Not Accessible	100%						
1,001100001010	Other Observation, Ext	ent : Light, Area	Affected	: 0%			
	Location : Other Side	0 .	33 34				
	Explanation : Supplie	-	nct				

 $[\]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 #: 13013

Mechanical	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Estim	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Not Accessible	100% Other Observation, Extent : Ligi Location : Other Side Of Build Explanation : Supplied From 7	ling				
Distribution Ductwork/Diffusers	100%	LIFE	* *	2	\$19,200	
Terminal Devices Not Accessible	100% Other Observation, Extent : Ligi Location : Other Side Of Build Explanation : Supplied From 7	ling				
Heat Rejection Not Accessible	100%					
Ventilation Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$8,200	
Exhaust Fans Roof	100% Now \$ Broken, Extent : Moderate, Arec Location : Kitchen- On The Ro		* *	2	\$400	
Plumbing H/C Water Piping Brass/Copper	100% Now \$. Leak Evident, Extent : Moderate Location : Kitchen	2,200 2050 e, Area Affected : 5%	* *	1		
Water Heater Electric	100% Other Observation, Extent : Ligi Location : 1st Floor Explanation : 2 - 119 Gallon U		\$2,200	4	\$100	
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100% Now \$ Blockage /Clogged, Extent : Mo Location : Apparatus Room - V		**	1		
Fixtures Generic	100% Obsolete Fixtures, Extent : Seve Location : Bathroom, Second I					
Fire Suppression Standpipe Generic	100%	2044	* *	1-5	\$7,700	
Sprinkler Generic	100%	2044	* *	1-2	\$4,100	

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

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

Page: 129

FIRE DEPARTMENT - 057 ENGINE CO. 17/LADDER CO.18 (COMBINED FACILITY)

Asset #: 13013

Mechanical	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Fire Pump						
Not Accessible	100%					
Chemical System						
Dry	10%	2017	\$2,600	1-3	\$5,500	
	Other Observation, Extent : Light, Are	ea Affected : 100%				
	Location : Kitchen					
	Explanation: Model Rg-4gs					
No Component	80%					
Generic	10%	2019	\$2,600	1-3	\$5,100	
	Other Observation, Extent : Light, Are	ea Affected : 100%				
	Location: Throughout					
	Explanation: Fire Extinguishers					

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 201/LADDER CO. 114

Address : 5113 4th AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.201 / 13098 Yr Built/Renovated : 2009 /

Area Sq Ft : 17,800 Project Type : FIRE DEPARTMENT

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

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

Block : 799 Lot : 5 BIN : 3013535

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$21,000			
Interior Architecture	\$9,500		\$4,200	\$100
Electrical	\$2,100	\$1,500	\$1,200	\$1,200
Mechanical	\$30,800	\$10,300	\$14,500	\$5,700
Total	\$63,400	\$11,800	\$19,900	\$7,100
Importance Code A	\$22,500	\$900	\$900	\$900
Importance Code B	\$35,300	\$11,000	\$19,000	\$6,200
Importance Code C	\$5,500			
Total	\$63,400	\$11,800	\$19,900	\$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.

Asset #: 13098

Architecture		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$26,000	
Metal Panel	10%			2036	* *	5-10	\$10,500	
Metal Panel	5%			2052	* *	5-10	\$5,300	
Windows	1000			20.42	ale ale	_	Φ	
Aluminum	100%			2042	* *	5	\$700	
Parapets	1.00/			T TEE	ale ale	7 10	Φ2 200	
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	\$2,200	
Masonry: Brick	90%			LIFE	* *	5-10	\$4,800	
Roof	0.50/	NT.	\$500	2021	* *			
Modified Bitumen	95%		\$500	2031				
		oggea, Ext 1 : Low Roo	ent : Moderate, Are £	га Ајјесте	ea : 20%			
		i . Low Koo)	2045	di di		Φ000	
Skylight, Metal/Glass	5%			2046	* *	10	\$800	
nterior								
Floors	200/	4.	\$200	LIFE	* *	_	¢2 200	
Cast in Place Concrete	30%	4+	\$300 Extent : Light, Area			5	\$3,300	
			xieni . Ligni, Area us Floor And Basei		. 370			
G : TT:1		і . Арригиі	us Fiooi Ana Basei		* *		Φ200	
Ceramic Tile	5%	NT.	\$200	2035	* *	5	\$200	
Panel/Paver: Concrete	5%		\$300	2046				
		_	nents, Extent : Mod ourtyard Area	eraie, Ar	еа Ајјесіва : 15%			
XX7 1		i . miler Co	ariyara mea	2054	* *		Φ5 (00	
Wood	60%			2054	* *	5	\$5,600	
Interior Walls	5 0/			LIDE	* *	10	Φ000	
Cast in Place Concrete	5%	2-4	¢1.500	LIFE LIFE	* *	10	\$900	
Concrete Masonry Unit	10% Water Per		\$1,500 Extent : Light, Area			5	\$300	
			nt Entry Stairs, Both		. 270			
					* *		Φ2.100	
Gypsum Board	75%		\$400	LIFE		5	\$3,100	
		ung, Exten 1 : Stairwel	t : Light, Area Affec 1	rtea : 2%)			
				Affect of a	. 20/			
		ieiraiion, E 1 : Stairwel	Extent : Light, Area	Ајјестеа	: 270			
		ı . Statrwei	<u> </u>		di di		** ** 0.0	
Wood	10%			LIFE	* *	5	\$5,500	
Ceilings	E E01			2020	ماد مال	~	Φ 2.7 00	
AcousTileSusp.Lay-In	55%			2039	* *	5	\$2,700	
Embossed Metal	30%	0.0	\$700	LIFE		5	\$1,300	
Gypsum Board	10%	0-2	\$500	LIFE	* *	5	\$600	
		issing Eien 1 : Basemei	ients, Extent : Ligh	ı, Area A	<i>ујества : 2%</i>			
				A CC 4 - 1	. 20/			
			Extent : Light, Area	Affected	. 270			
		ı : Engine l tion : Pain	Bunk Room.					
X 7 . 1		uon . Pain	ı ı eenng.	TIPP	* *		Φ4.400	
Wood	5%			LIFE	* *	5	\$4,400	

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

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

Asset #: 13098

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent: Light, Area Location: Basement Explanation: 600 Amps.	2052 a Affected :	* * 100%	5	\$100	
Switchgear / Switchboard Molded Case Bkrs	100% Other Observation, Extent : Light, Area Location : Basement Explanation : 600 Amps.	2052 a Affected :	* *	5	\$500	
Raceway Conduit	100%	2052	* *	1		
Panelboards Molded Case Bkrs	100%	2048	* *	5	\$500	
Wiring Thermoplastic Motor Controllers	100%	2052	* *	1		
Locally Mounted Ground	100%	2043	* *	5	\$100	
Grounding Devices Generic	100%	LIFE	* *	5	\$500	
Stand-by Power Transfer Switches Automatic	100% Other Observation, Extent: Light, Area Location: Electrical Room (Basemen Explanation: One (1) 600 Amp (1) 70	et)	**	1	\$5,500	
Generators Diesel	100% Other Observation, Extent: Light, Area Location: Generator Room (Basemen Explanation: 117.3 Kw	2039 a Affected :	**	1	\$6,900	
Batteries Lead/Acid	100%	2021	\$1,500	5	\$700	
Fuel Storage Main Tank	100% Other Observation, Extent: Light, Area Location: Basement Explanation: 25 Gallon Tank	2061	**	5	\$500	
Lighting Interior Lighting Fluorescent	100% T-8 Lamps, Extent : Light, Area Affecte Location : Throughout Building	2034 d : 100%	**	10	\$16,300	
Egress Lighting Emergency, Battery Exit, Battery	50% 50%	2034 2034	* *	10 10	\$2,100 \$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.

Asset #: 13098

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
Lighting Exterior Lighting HID	100%	2031 **	10 \$100	

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Natural Gas	100%			2046	* *	1		
Conversion Equipment Furnace	Location	: 6 Roof T	=	2031 Area Affe	* * cted : 100%	1	\$4,000	
	Explana	tion : Ongo	ing Control Issues					
Hot Water Boiler	50%			2039	* *	1	\$4,400	
Distribution Ductwork/Diffusers			\$6,500 ent : Moderate, Are out	LIFE a Affecte	* * d : 100%	2-5	\$5,000	
Hot Wtr Piping/Pump	50%			2042	* *	4	\$700	
Terminal Devices Convector/Radiator	95%			2039	**	1	\$5,500	
Fan Coil Unit/Heat	5%			2026	\$13,000	1	\$300	
Air Conditioning Energy Source Electricity	100%			2048	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	95%	Now	\$5,400	2031	* *	2	\$800	
6 6	R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : Roof							
	Location	: Roof Top						
		tion : Ongo	ing Control Issues,					
Split Unit	5%			2031	* *			
Distribution Ductwork/Diffusers		Now aning, Exte	\$5,200 ent : Moderate, Are out	LIFE a Affecte	* * d : 100%	2	\$16,200	
Ductwork/Diffusers	30%			LIFE	* *	2	\$8,700	
Ventilation Distribution							. ,	
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$15,700	
Exhaust Fans Roof Plumbing	100%			2031	* *	2	\$500	

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.

Asset #: 13098

Mechanical	Current Repair	Future R	eplacement	Ma		
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priorit
lumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
Water Heater						
Gas Fired	100%	2024	\$4,000	2	\$300	
	Other Observation, Extent: Liga	ht, Area Affected : 10	00%			
	Location: Basement					
	Explanation: 2 - 120 Gallon U	Units				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Rigid Piping	100%	2031	* *	4	\$1,600	
	Other Observation, Extent : Liga	ht, Area Affected : 10	00%			
	Location: Basement					
	Explanation: Duplex Unit					
Backflow Preventer						
Generic	100%	2031	* *	1	\$1,100	
Fixtures					·	
Generic	100%					
re Suppression						
Sprinkler						
No Component	50%					
Generic	50%	2046	* *	1-2	\$2,500	
Chemical System						
Generic	100%	2024	\$25,500	1-3	\$50,600	

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 206 Address : 1201 GRAND STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.206 / 13102 Yr Built/Renovated : 1976 /

Area Sq Ft : 10,180 Project Type : FIRE DEPARTMENT

Date of Survey : 04-Oct-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2929 Lot : 53 BIN : 3070506

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$63,300	
Electrical	\$64,300	\$101,400
Total	\$127,600	\$101,400
Importance Code B	\$127,600	\$101,400
Total	\$127,600	\$101,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$36,600			
Interior Architecture	\$23,400			\$1,000
Electrical	\$2,500	\$4,700	\$700	\$700
Mechanical	\$1,100	\$900	\$5,000	\$900
Total	\$63,700	\$5,700	\$5,700	\$2,600
Importance Code A	\$37,100	\$600	\$500	\$500
Importance Code B	\$26,200	\$5,000	\$5,200	\$2,100
Importance Code C	\$400			
Total	\$63,700	\$5,700	\$5,700	\$2,600



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

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

FIRE DEPARTMENT - 057 ENGINE CO. 206

Asset #: 13102

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	Priorit
terior								
Exterior Walls								
Masonry: Brick	90%	0-2	\$11,400	LIFE	* *	5	\$19,300	
			nt : Moderate, Are	a Affecte	ed : 10%			
			d Door Opening					
Wood Overhead Doors	10%	0-2	\$3,300	2036	* *	5	\$5,400	
			: Moderate, Area	Affected	: 25%			
	Location	ı : Apparatı	us					
Windows						_		
Aluminum	100%	Now	\$21,900	2048	* *	5	\$300	
Parapets					_	_		
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$600	
Concrete Masonry Unit	45%			LIFE	* *	5	\$400	
Masonry: Brick	45%			LIFE	* *	5	\$400	
Roof								
Modified Bitumen	100%			2031	* *	10	\$14,900	
terior								
Floors	40					_	***	
Cast in Place Concrete	40%			LIFE	* *	5	\$13,300	
Ceramic Tile	5%			2032	* *	5	\$800	
Quarry Tile	5%	2.4	ф. с 2.200	2036	* *	5	\$1,100	
Vinyl Tile	50%	2-4	\$63,300	2033	**	3	\$2,900	
		ded, Extent 1 : Through	: Moderate, Area A out	Affected	: 100%			
Interior Walls								
Ceramic Tile	10%			2032	* *	5	\$800	
Concrete Masonry Unit	35%			LIFE	* *	5	\$1,100	
SGFT/Glazed Masonry	55%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	90%	Now	\$21,700	2040	* *	5	\$6,900	
		_	ents, Extent : Mod		ea Affected : 20%			
			oom And Througho					
	Misaligne	d/Bulging,	Extent : Moderate,	Area Afj	fected : 90%			
		ı : Through						
	_	_	Extent : Severe, A us Room And Throi		cted : 80%			
Plaster	10%	0-2	\$1,000	LIFE	* *	5	\$1,000	
			: Moderate, Area		: 25%		, ,- ,-	
		-	or Bathroom					

Electrical	Currer	t Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Molded Case Bkrs	100%		2023	\$4,700	5	\$300	

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 206

Asset #: 13102

Electrical	Current Repa	ir Future	Future Replacement		Maintenance		
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Raceway							
Conduit	100%	2023	\$30,600	1			
Panelboards Molded Case Bkrs	100% Obsolete Equipment, Exte Location : Throughout F	==	\$37,700 Fected : 100%	5	\$300		
Wiring							
Thermoplastic	100%	2023	\$27,100	1			
Motor Controllers							
Locally Mounted	100%	2021	\$14,100	5	\$100		
Grounding Devices	1000/	LHEE	* *	~	Ф200		
Generic	100%	LIFE	4. 4.	5	\$200		
Stand-by Power							
Transfer Switches Automatic	100%	2021	\$4,700	1	\$3,100		
Generators	100/0	2021	Ψ+,700	1	Ψ5,100		
Diesel	100%	2019	\$64,300	1	\$3,900		
Batteries	10070	2017	ΨΟ1,500	-	Ψ3,200		
Lead/Acid	100%	2017	\$1,500	5	\$400		
Fuel Storage Main Tank	100%	2038	**	5	\$300		
	Other Observation, Extent Location : Mechanical F Explanation : 275 Gallo	Room	: 100%				
Lighting							
Interior Lighting							
Fluorescent	100% Other Observation, Extend Location: Throughout Explanation: Mostly T-8	-	\$63,700 : 100%	10	\$9,300		
Exterior Lighting	·						
HID	50%	2023	\$18,800	10			
HID	10%	2018	\$3,800	10			
No Component	40%						

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2049	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	\$5,000	
Distribution								
Hot Wtr Piping/Pump	100%			2045	* *	4	\$800	

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 206

Asset #: 13102

Mechanical		Current I	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
Heating								
Terminal Devices								
Convector/Radiator	95%			2040	* *	1	\$3,100	
Unit Heater-Stm/HW	5%			2031	* *	4		
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	50%			2031	* *	2	\$300	
Window/Wall Unit	50%			2022	\$10,200	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$13,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,700	
Exhaust Fans								
Roof	100%			2028	* *	2	\$300	
Plumbing								
H/C Water Piping	1.000/			20.40	de de			
Brass/Copper	100%			2049	* *	1		
Water Heater	4.000/			2022	42.2 00	•	4200	
Gas Fired	100%		7 7 . 1 . 4	2022	\$2,300	2	\$200	
			Extent : Light, Area	Ађестеа	: 100%			
		: Side Util	•					
G ', B' '	Explana	tion: 2 - /:	Gallon Units					
Sanitary Piping	1000/			LIDE	* *	1		
Cast Iron	100%			LIFE	4. 4.	1		
Storm Drain Piping	1000/			LIDE	* *	1		
Cast Iron	100%			LIFE		1		
Fixtures	1000/							
Generic	100%							
Fire Suppression								
Sprinkler No Component	0.50/							
No Component	95%	amation I	Extent : Light, Area	Affacts 1	. 0%			
		ervanon, E : Kitchen	мені : Ligni, Area	Ајјестеа	. 070			
			1 Count and Common C	alvina A				
		uon : Ansu	l System Serves Co			1.2	**	
Generic	5%			2049	* *	1-2	\$200	

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 211/LADDER CO. 119 FIRE MARSHALLS

Address : 26 HOOPER STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.211 / 13106 Yr Built/Renovated : 1925 /

Area Sq Ft : 28,285 Project Type : FIRE DEPARTMENT

Date of Survey : 03-Jun-2015 Landmark Status : NONE

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

Block : 2203 Lot : 16 BIN : 3060298

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$110,400	\$87,400
Interior Architecture		\$228,500
Electrical		\$211,500
Mechanical		\$54,600
Total	\$110,400	\$582,100
Importance Code A	\$110,400	\$87,400
Importance Code B		\$494,700
Total	\$110,400	\$582,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$51,500			
Interior Architecture	\$130,400		\$10,600	\$4,800
Electrical	\$3,100	\$2,100	\$6,400	\$2,100
Mechanical	\$26,100	\$12,000	\$12,300	\$7,500
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
Total	\$216,100	\$19,000	\$34,200	\$19,300
Importance Code A	\$57,700	\$2,600	\$2,600	\$2,600
Importance Code B	\$92,400	\$16,500	\$31,700	\$16,700
Importance Code B Importance Code C	\$92,400 \$66,000	\$16,500	\$31,700	\$16,700



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

Asset #: 13106

chitecture	Current Ro	epair	Futur	e Replacement	М	aintenance			
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
erior									
Exterior Walls									
Masonry: Brick	25% Now Efflorescence, Extent: Location: Elevator H		LIFE Affected .	* *	5	\$12,500			
	Jnt Mortar Miss/Erod, Extent: Moderate, Area Affected: 40% Location: Site Walls Located Around Perimeter Of Property, Chimney Misaligned/Bulging, Extent: Severe, Area Affected: 30%								
	Location: Site Wall Located At Rear Of Property								
	Vertical Cracks, Extent: Moderate, Area Affected: 10% Location: Elevator Penthouse								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Elevator I	Penthouse							
Stucco Cement	70%		2031	* *	5	\$87,400			
Wood Overhead Doors	5% Now Other Observation, Ex Location: All Doors		2031 Affected	**: 2%	5	\$6,200			
Windows	Explanation : Repair	s in Progress							
Aluminum	100% Now	\$33,000	2034	* *	5	\$2,000			
7 Hamman				ea Affected : 25%	3	Ψ2,000			
	Broken/Missing Elements, Extent: Moderate, Area Affected: 25% Location: Fourth Floor Offices Along The South Side And Various Other Locations.								
	Unit Inoperable, Exten								
	Location : Various L		55						
Parapets									
Cast Stone/Terra Cotta	5%		LIFE	* *	5-10	\$4,200			
Masonry: Brick	80%		LIFE	* *	5-10	\$16,300			
Metal Panel	15%		2046	* *	5	\$1,700			
	Recent Replace Eviden	nt, Extent : Light, A	Area Affe	ected : 100%		•			
	Location : Entire Par	_							
Roof									
Modified Bitumen	100%		2031	* *	10	\$16,800			

Interior

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

Asset #: 13106

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
nterior Floors								
Cast in Place Concrete	20%			LIFE	* *	5	\$37,000	
	_	Progress, : Apparati	Extent : Light, Ared is Floor	a Affecte	d : 15%			
Ceramic Tile	5%			2035	* *	5	\$2,100	
Quarry Tile	3%			2031	* *	5	\$1,900	
Terrazzo		Now Crumbling, : 2nd Floo	\$7,700 Extent : Severe, A or Showers	LIFE rea Affec	* * cted : 15%	5	\$700	
		etration, E : 2nd Floo	xtent : Moderate, A or Showers	rea Affe	cted : 15%			
Vinyl Tile		_	\$4,600 ents, Extent : Ligh out 2nd Floor	2021 t, Area A	\$228,500 ffected : 10%	3	\$10,300	
Vinyl Tile	Location Worn/Eroc	: Third Fl ded, Extent	\$17,600 ents, Extent : Seve oor Workout Room : Moderate, Area oor Workout Room	Affected		3	\$800	
Interior Walls								
Cast in Place Concrete	30%			LIFE	* *	10	\$33,500	
Ceramic Tile		_	\$12,100 eents, Extent : Seve er Shower Area Adj			5	\$1,100	
Concrete Masonry Unit	25%			LIFE	* *	5	\$8,900	
Gypsum Board	15%			LIFE	* *	5-10	\$11,400	
Plaster			\$3,500 xtent : Light, Area 1, Northeast Corne			5 Tices	\$1,300	
SGFT/Glazed Masonry		_	\$5,100 ents, Extent : Ligh r, Apparatus Area	LIFE t, Area A	* * ffected : 2%			
Ceilings								
AcousTileSusp.Lay-In	50%			2039	* *	5	\$21,200	
Exposed Concrete	30%			LIFE	* *	5-10	\$15,900	
Plaster	Location	: 2nd Floo	\$2,200 : Light, Area Affec or Locker Room xtent : Moderate, A			5	\$5,300	
			or Locker Room					

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

Under 600 Volts

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

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

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

Asset #: 13106

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type		il Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	Location : I	lst Floor	xtent : Light, Area mp Main Switch	2046 Affected	**	5	\$100	
Raceway			•					
Conduit	100%			2036	* *	1		
Panelboards Molded Case Bkrs Molded Case Bkrs	25% 75%			2042 2034	**	5 5	\$200 \$600	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers	1000/			2021	* *	_	¢200	
Locally Mounted Ground	100%			2031	~ ~	5	\$200	
Grounding Devices Generic	100%			LIFE	* *	5	\$800	
Stand-by Power Transfer Switches Automatic	100%			2039	* *	1	\$8,700	
Generators Diesel	Location : I	Exterior	xtent : Light, Area	2029 Affected	**	1	\$11,000	
Batteries	Explanation	1. 123W	Generator					
Lead/Acid	100%			2019	\$1,500	5	\$1,000	
Fuel Storage					·		·	
Day Tank	100%			2034	* *	5	\$5,200	
Lighting								
Interior Lighting Fluorescent	60% T-8 Lamps, E Location : T		ight, Area Affectea out	2026 !: 100%	\$106,300	10	\$15,600	
Fluorescent	30% T-12 Lamps, Location : 4		Light, Area Affecte 5th Floors	2026 ed : 100%	\$53,100	10	\$7,800	
Incandescent	Location : S	Stairs, D	xtent : Light, Area ormitory And Clos y Incandescent Fix	ets	\$17,700 : 100%	2	\$100	
Egress Lighting		•						
Emergency, Service No Component	20% 80%			2026	\$2,700	1		
Exterior Lighting HID No Component	50% 50%			2026	\$52,200	10		

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

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

Asset #: 13106

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm							
Security System							
No Component	90%						
Generic	10%		2026	\$8,400	1	\$1,100	

Mechanical	Current Repair			Futur	e Replacement	М	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating										
Energy Source										
Natural Gas	100%			2046	* *	1				
Conversion Equipment										
Hot Water Boiler	16%			2039	* *	1	\$2,200			
	Other Observation, Extent : Light, Area Affected : 100%									
	Location: Mechanical Room									
	Explanat	tion : 1 Ho	Water Boiler							
Steam Boiler	34%	Now	\$4,600	2039	* *	1	\$8,600	1		
	Unit Inoperable, Extent : Severe, Area Affected : 100%									
	Location	: Mechani	cal Room							
	Other Observation, Extent : Severe, Area Affected : 100%									
	Location	: Mechani	cal Room							
	Explanat	tion : 2 Of .	5 Boilers Not Oper	ating						
Steam Boiler	50%			2039	* *	1	\$14,000			
200000	Other Observation, Extent: Light, Area Affected: 100%									
	Location: Mechanical Room									
	Explanation: 3 Of 5 Steam Boilers Running Ok									
Distribution	- T									
Hot Wtr Piping/Pump	16%			2042	* *	4	\$300			
Steam Piping/Pump	84%	0-2	\$3,200	2036	* *	4	\$1,200			
	Other Observation, Extent : Moderate, Area Affected : 100%									
	Location : 2nd Floor									
	Explanat	tion : Wate	r Damage To Wall.	s And Ce	ilings On 2nd Flo	or.				
Terminal Devices	1		<u> </u>							
Convector/Radiator	100%			2031	* *	1	\$9,100			
Air Conditioning							. ,			
Energy Source										
Electricity	100%			2042	* *	1				

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

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

Asset #: 13106

Mechanical	Current Repair			Futur	e Replacement	M		
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	30%	ovant Ev	tout Light Anga A	2026	\$54,600	2	\$500	
	Location :		tent : Light, Area A	јјестеа .	100%			
Split Unit	2%	rvation, E	Extent : Light, Area	2026 Affected	\$2,600			
	Explanation	on : R 410	Оа					
Window/Wall Unit No Component	58% 10%			2021	\$32,900	1		
Distribution	10,0							
Ductwork/Diffusers No Component	30% 70%			LIFE	* *	2	\$13,800	
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$25,000	
Exhaust Fans	700/			2026	¢15 400	2	\$ <00	
Roof Wall Unit	70% 30%			2026 2026	\$15,400 \$12,500	2 2	\$600 \$300	
Plumbing	3070			2020	\$12,500		Ψ300	
H/C Water Piping								
Brass/Copper	50%			2046	* *	1		
Galv Iron/Steel	50%			2031	* *	1		
Water Heater Gas Fired	Location :	Mechani	Extent : Light, Area ical Room Gallon Water Heat		\$6,400 : 100%	2	\$400	
Sanitary Piping								
Cast Iron	Location:	2nd Floo				1		
	Explanation	on : Possi	ble Leaking From	Drain Pi	ping. Could Not V	erify.		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Fixtures Generic	100% Other Obse Location : Explanation	Shower	Extent : Severe, Are s Cracked	a Affecteo	d : 5%			
Vertical Transport Elevators								
Geared Traction		Serves 1.	Extent : Light, Area st To 5th Floor	LIFE Affected	* *			

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

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

Page: 145

FIRE DEPARTMENT - 057 ENGINE CO. 211/LADDER CO. 119 FIRE MARSHALLS

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
Fire Suppression Chemical System Generic	100%		2024	\$25,500	1-3	\$50,600	

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 233/LADDER CO. 176

Address : 25 ROCKAWAY AVENUE

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSECO.233 / 13124 Yr Built/Renovated : 1974 / 1984

Area Sq Ft : 12,000 Project Type : FIRE DEPARTMENT

Date of Survey : 03-Oct-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1512 Lot : 1 BIN : 3040990

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$159,300	
Electrical	\$64,300	\$160,500
Total	\$223,600	\$160,500
Importance Code A	\$159,300	
Importance Code B	\$64,300	\$160,500
Total	\$223,600	\$160,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$800	\$300	\$300	
Interior Architecture	\$2,200		\$1,100	
Electrical	\$3,800	\$1,700	\$800	\$800
Mechanical	\$1,900	\$1,100	\$1,600	\$2,000
Total	\$8,700	\$3,100	\$3,800	\$2,800
Importance Code A	\$1,400	\$1,100	\$900	\$600
Importance Code B	\$7,000	\$2,000	\$3,000	\$2,200
Importance Code C	\$400			
Total	\$8,700	\$3,100	\$3,800	\$2,800



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

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

Asset #: 13124

rchitecture	Current Repair	Current Repair Future Replacement		nent Maintenance		
vstem Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
terior			•			
Exterior Walls Concrete Masonry Unit		9,600 LIFE	* *	5	\$6,100	
	Jnt Mortar Miss/Erod, Extent: Location: Entry Facade Vertical Cracks, Extent: Moder Location: Entry And Street F	ate, Area Affected : 10%	10%			
Metal Panel	10% Now Deformed/Dented, Extent: Mod	\$800 2033 lerate, Area Affected : 20%	* *	5	\$4,100	
	Location: House Watch At Me					
Metal Sect. OHD	10%	2036	* *	5	\$6,800	
Stucco Cement	35%	2036	* *	5	\$19,100	
Windows Aluminum	97%	2039	* *	5	\$600	
Metal Louvers	3%	2032	* *	10	\$100 \$100	
Parapets	370	2032		10	Ψ100	
Concrete Masonry Unit	70%	LIFE	* *	5	\$700	
Metal Panel	20%	2043	* *	5	\$600	
Metal Rail	10%	2036	* *	5-10	\$1,500	
Roof						
	Alligatoring, Extent: Severe, An Location: Main And Lower Re Blisters, Extent: Moderate, Are Location: Main And Lower Re Seams Open/Split, Extent: Moderate Location: Main And Lower Re Worn/Eroded, Extent: Moderat Location: Main And Lower Re	oofs a Affected : 35% oofs erate, Area Affected : 30% oofs e, Area Affected : 25%	ó			
terior Floors						
Cast in Place Concrete	40%	LIFE	* *	5	\$15,700	
Ceramic Tile	5%	2032	* *	5	\$900	
Quarry Tile	5%	2036	* *	5	\$1,300	
Vinyl Tile	50%	2028	* *	3	\$3,400	
Interior Walls						
Cast in Place Concrete	10%	LIFE	* *			
Ceramic Tile	5%	2032	* *	5	\$800	
Concrete Masonry Unit	45%	LIFE	* *	5	\$2,700	
Gypsum Board	10%	LIFE	* *	5	\$900	
SGFT/Glazed Masonry	30%	LIFE	* *			
Ceilings	100/ 0 /	4 400 2010		-	* ~~-	
AcousTileSusp.Lay-In		1,400 2040	* *	5	\$900	
1 3	Staining/Discoloring, Extent : M. Location : Kitchen	Aoderate, Area Affected : 4	0,0			
Exposed Concrete	_	loderate, Area Affected : 4 LIFE	* *	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.

Electrical	Current Repair	Future Rep	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Service Equipment				_			
Molded Case Bkrs	100%	2023	\$4,700	5	\$300		
	Other Observation, Extent : Light, A Location : Basement	rea Affected : 100%	0				
	Explanation: 500 Amps.						
Switchgear / Switchboard	Explanation : 300 Amps.						
Molded Case Bkrs	100%	2023	\$47,700	5	\$300		
Raceway			+,		+		
Conduit	90%	2023	\$27,500	1			
Tray	10%	2021	\$3,100	1			
Panelboards							
Molded Case Bkrs	100%	2022	\$37,700	5	\$300		
Wiring							
Thermoplastic	100%	2023	\$27,100	1			
Motor Controllers	5 00/	2024	Φ= 000	_			
Locally Mounted	50%	2021	\$7,000	5			
Locally Mounted	50%	2021	\$7,000	5			
tand-by Power Transfer Switches							
Automatic	100%	2021	\$4,700	1	\$3,700		
Generators	10070	2021	Ψ1,700		Ψ3,700		
Diesel	100%	2019	\$64,300	1	\$4,700		
	Other Observation, Extent : Light, A	rea Affected : 100%					
	Location: Basement						
	Explanation: 62 Kw						
Batteries							
Lead/Acid	100%	2017	\$1,500	5	\$400		
Fuel Storage	1000/	2022	Φ0.00	-	Φ2 200		
Day Tank	100%	2022	\$900	5	\$2,200		
	Other Observation, Extent : Light, A Location : Basement	rea Affectea : 1007	0				
	Explanation: 75 Gallons						
ighting	Explanation : 75 Gations						
Interior Lighting							
Fluorescent	70%	2023	\$52,600	10	\$7,700		
	Other Observation, Extent : Light, A	rea Affected : 100%	%				
	Location: Throughout						
	Explanation: Mostly T-12						
Fluorescent	30%	2023	\$22,500	10	\$3,300		
	Other Observation, Extent : Light, A	rea Affected : 100%	%				
	Location : Throughout						
	Explanation: Mostly T-8						

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

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

Asset #: 13124

Electrical	Current Repair	Future Replacen	nent N	<i>l</i> laintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Estimated FY	Cycle (Yrs)		Priority
Lighting					
Egress Lighting					
Exit, Service	1% 0-2	2033	** 1		
	Damaged Fixtures, Extent : M	oderate, Area Affected : 100%	ó		
	Location: Dormitory				
Exit, Service	39%	2018	\$500 1		
No Component	60%				
Exterior Lighting					
HID	50%	2023 \$2	2,100 10		
No Component	50%				

Mechanical	Current Repair	Future Rep	lacement	M		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estir FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2040	* *	1	\$5,900	
Distribution						
Hot Wtr Piping/Pump	100%	2045	* *	4	\$900	
Terminal Devices						
Convector/Radiator	100%	2040	* *	1	\$3,900	
Air Conditioning						
Energy Source						
Electricity	100%	2045	* *	1		
Conversion Equipment						
Int Pkg Unit - Cooling	30%	2027	* *	2	\$200	
	Other Observation, Extent: Light, A	Area Affected : 1009	%			
	Location: Bunk Area					
	Explanation: Split Unit					
Window/Wall Unit	70%	2021	\$16,900	1		
Heat Rejection						
Remote Air Cond	30%	2031	* *	2	\$2,500	
No Component	70%					
Ventilation						
Exhaust Fans						
Roof	100%	2028	* *	2	\$400	
Plumbing						
H/C Water Piping						
Galv Iron/Steel	100%	2036	* *	1		
	Booster Pump w/Tank, Extent : Lig. Location : Basement	ht, Area Affected : I	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.

Mechanical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Gas Fired	100%	2022	\$2,700	2	\$200	
	Other Observation, Extent : I	Light, Area Affected :	100%			
	Location: Basement					
	Explanation: 2 - 75 Gallon	Units				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sewage Ejector(s)						
Electric	100%	2028	* *	4	\$1,600	
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
No Component	80%					
	Other Observation, Extent : I	Light, Area Affected :	0%			
	Location: Kitchen					
	Explanation: Ansul System	Serves Cooking Area				
Generic	20%	2043	* *	1-2	\$700	

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 234 LADDER 123/BATTALION 38

Address : 1352 ST. JOHN'S PLACE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.234 / 13125 Yr Built/Renovated : 1977 /

Area Sq Ft : 10,355 Project Type : FIRE DEPARTMENT

Date of Survey : 03-Oct-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1384 Lot : 8 BIN : 3037055

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$231,800	
Electrical	\$64,300	\$150,200
Total	\$296,100	\$150,200
Importance Code A	\$231,800	
Importance Code B	\$64,300	\$150,200
Total	\$296,100	\$150,200

Mechanical Total	\$9,800	\$14,300 \$17.700	\$3,400	\$800
T-4-1				
Total	\$88 200	\$17.700	\$4.200	\$7.60
Total	\$88,200	\$17,700	\$4,200	\$7,60
Total	\$88,200	\$17,700	\$4,200	\$7 , 6
_ v	+ 30)= 00	Ŧ=- 9 , 00	+ -)= • •	4.,
Importance Code A	\$40.900	\$600	\$500	\$5,8
•	, -,		,	
Importance Code B	\$46,600	\$17,000	\$3,700	\$1,80
Importance Code C	\$700	,		. ,



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

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

Asset #: 13125

Architecture		Current F	Repair	Futu	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	Location Cracking/ Location	lissing Elem n : On Both Crumbling, n : Entry Fa		l Door rea Affed	cted : 15%	5	\$12,000	
		r Miss/Erod n : All Faca	l, Extent : Severe, 1 des	Area Affe	ected : 50%			
Wood Overhead Doors			nt, Extent : Light, A	2040 rea Affe	* * cted : 100%	5	\$10,700	
Windows Aluminum			\$21,800 : Moderate, Area .	2048 Affected	* *	5	\$300	
Parapets								
Cast Stone/Terra Cotta		pair Evider	nt, Extent : Light, A d Lower Roofs	LIFE rea Affe	* * cted : 90%	5	\$3,700	
Metal Rail	5%			2036	* *	5-10	\$1,400	
Stucco Cement		epair Evider	nt, Extent : Light, A d Lower Roofs	2036 rea Affe	* * cted : 70%	5	\$2,700	
Roof								
Single Ply Membrane			\$18,600 derate, Area Affec oof	2031 ted : 20%	**			1
		netration, E n : Office, B	xtent : Severe, Are Sunk Room	a Affecte	d : 40%			
Interior Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$16,500	
Ceramic Tile	5%			2032	* *	5	\$800	
Quarry Tile	5%			2036	* *	5	\$1,100	
Vinyl Tile			\$10,000 eents, Extent : Mod Floor	2031 erate, Ar	* * rea Affected : 20%	3	\$2,300	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	10%			2032	* *	5	\$1,500	
Concrete Masonry Unit	15%			LIFE	* *	5	\$900	
	30%			LIFE	* *	5	\$2,600	
Gypsum Board	30%					5	Ψ2,000	

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

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

Asset #: 13125

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	20%			LIFE	* *	5	\$500	
Gypsum Board	80%	Now	\$23,800	LIFE	* *	5	\$15,100	
	Cracking/	Crumbling,	Extent: Severe, A	rea Affec	rted : 40%			
	Location	ı : 2nd Floo	or Office And Office	er Bunk I	Room			
Site Enclosure								
Fence/Gates								
Chain link	60%			2043	* *			
Iron Picket	40%			2058	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			

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
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2023	\$4,700	5	\$300	
	Other Observation,	Extent : Light, Area	Affected	: 100%			
	Location : Baseme	ent					
	Explanation: 300	Amps.					
Switchgear / Switchboard	1000/		2022	¢47.700	-	¢200	
Molded Case Bkrs	100%		2023	\$47,700	5	\$300	
Raceway	1.0007		2022	ate ate			
Conduit	100%		2033	* *	1		
Panelboards							
Molded Case Bkrs	100%		2022	\$37,700	5	\$300	
Wiring	1000/		2022	ф 27. 100			
Thermoplastic	100%		2023	\$27,100	1		
Motor Controllers							
Locally Mounted	100%		2021	\$14,100	5	\$100	
Stand-by Power							
Transfer Switches							
Automatic	100%		2021	\$4,700	1	\$3,200	
Generators	·					·	
Diesel	100%		2019	\$64,300	1	\$4,000	
Batteries							
Lead/Acid	100%		2017	\$1,500	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 #: 13125

Electrical	Current Repair	Future Replace	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Fuel Storage						
Day Tank	50%	2022	\$400	5	\$1,000	
	Other Observation, Extent : Light,	Area Affected : 100%				
	Location: Basement					
	Explanation: 75 Gallons					
Main Tank	50%	2026	\$600	5	\$200	
	Other Observation, Extent: Light,	Area Affected : 100%				
	Location: Underground					
	Explanation: 650 Gallons					
Lighting						
Interior Lighting						
Fluorescent	50%	2023	32,400	10	\$4,700	
	Other Observation, Extent: Light,	Area Affected : 100%				
	Location : Throughout					
	Explanation: Mostly T-12					
Fluorescent	50%	2023	32,400	10	\$4,700	
	Other Observation, Extent : Light,	Area Affected : 100%				
	Location: Throughout					
	Explanation: Mostly T-8					
Egress Lighting						
Emergency, Service	100%	2023	\$5,000	1		
Exterior Lighting						
Fluorescent	7%	2018	\$2,300	10	\$100	
HID	33%	2023	512,600	10		
No Component	60%					

Mechanical	Current Repair	Futur	e Replacement	eplacement Maintenance						
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Heating										
Energy Source										
Electricity	35%	2043	* *	1						
Natural Gas	65%	2049	* *	1						
Conversion Equipment										
Furnace	35%	2033	* *	1	\$1,800					
	Other Observation, Extent:	Light, Area Affected	: 100%							
	Location: Roof									
	Explanation: Heating/Co	ooling Unit Being Ins	talled							
Hot Water Boiler	65%	2036	* *	1	\$3,300					
Distribution										
Ductwork/Diffusers	35%	LIFE	* *	2-5	\$2,000					
	Other Observation, Extent:	Light, Area Affected	: 100%							
	Location: Roof									
	Explanation: New Ducts I	Being Installed								
Hot Wtr Piping/Pump	65%	2039	* *	4	\$300					

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

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

Asset #: 13125

Mechanical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating	•					•
Terminal Devices						
Convector/Radiator	90%	2036	* *	1	\$3,000	
Unit Heater-Stm/HW	10%	2023	\$6,500	4	\$100	
	Other Observation, Extent : Light,	Area Affected : 10	0%			
	Location : 1st Floor					
	Explanation : Serves Engine Bay	<i>y</i>				
ir Conditioning						
Energy Source	1000/	20.45	* *	1		
Electricity	100%	2045	* *	1		
Conversion Equipment	250/	2022	* *	2	Φ200	
Ext Pkg Unit -	35%	2033	* *	2	\$200	
Heating/Cooling	Other Observation, Extent : Light,	Area Affected , 10	00/			
	Location: Roof	Area Affectea . 10	070			
	Explanation : New Unit Being In	etallad				
Window/Wall Unit	65%	2018	\$13,500	1		
Distribution	03%	2016	\$13,300	1		
Distribution Ductwork/Diffusers	35%	LIFE	* *	2	\$4,700	
Ductwork/Diffusers	Other Observation, Extent : Light,			2	\$4,700	
	Location: Roof	meangectea. 10	070			
	Explanation: New Ducts Being I	Installed				
No Component	65%	Tristette C				
Tentilation	0370					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,800	
Exhaust Fans					1-,	
Roof	90%	2031	* *	2	\$300	
Wall Unit		500 2033	* *	2		
	Broken, Extent : Severe, Area Affe	ected : 100%				
	Location : 1st Floor					
lumbing						
H/C Water Piping						
Galv Iron/Steel	100%	2036	* *	1		
Water Heater						
Gas Fired	100%	2021	\$2,400	2	\$200	
	Other Observation, Extent : Light,	Area Affected : 10	0%			
	Location : Basement					
	Explanation: 2 Units 74 Gallon.	s Each				
Sanitary Piping			<u> </u>	_		
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	1000		<u> </u>			
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	400-		.		.	
Submersible	100%	2017	\$6,500	4	\$2,500	
Fixtures	1000/					
Generic	100%					

Fire Suppression

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

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

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

Page: 156

FIRE DEPARTMENT - 057 ENGINE CO. 234 LADDER 123/BATTALION 38

Mechanicai	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Fire Suppression				
Sprinkler				
No Component	95%			
	Other Observation, Extent: Light, Area	a Affected : 0%		
	Location: Kitchen			
	Explanation: Ansul System Serves Co	ooking Area		
Generic	5%	2033 **	1-2 \$200	
	Other Observation, Extent : Light, Area	a Affected : 100%		
	Location: Basement			
	Explanation: Limited Coverage			

Page: 157

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 238/LADDER CO. 106

Address : 205 GREENPOINT AVENUE @ MCGUINNESS BLVD.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.238 / 13129 Yr Built/Renovated : 1972 /

Area Sq Ft : 10,262 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Sep-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2560 Lot : 50 BIN : 3064786

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$98,600	\$60,800
Interior Architecture		\$101,600
Electrical		\$37,800
Mechanical		\$64,500
Total	\$98,600	\$264,800
Importance Code A	\$98,600	\$60,800
Importance Code B		\$147,000
Importance Code C		\$56,900
Total	\$98,600	\$264,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$6,100	\$3,100		
Interior Architecture	\$23,100			\$700
Electrical	\$2,400	\$10,700	\$700	\$700
Mechanical	\$3,400	\$8,200	\$5,300	\$1,700
Total	\$34,900	\$22,000	\$6,000	\$3,100
Importance Code A	\$6,600	\$3,700	\$500	\$500
Importance Code B	\$21,800	\$18,300	\$5,500	\$2,600
Importance Code C	\$6,500			
Total	\$34,900	\$22,000	\$6,000	\$3,100



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

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

Asset #: 13129

rchitecture		Current I	Repair	Futur	e Replacement	M	aintenance	
estem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	\$12,200	
Masonry: Brick	85%			LIFE	* *	5	\$20,800	
Wood Overhead Doors	5%			2028	* *	5	\$6,100	
Windows								
Aluminum	100%	2-4	\$98,600	2048	* *	5	\$1,200	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	\$1,000	
Masonry: Brick	80%			LIFE	* *	5	\$2,100	
Pre-Cast Concrete	15%			LIFE	* *	5	\$2,500	
Roof								
Roll Roofing	100%	Now	\$6,100	2022	\$60,800	5	\$12,600	
_	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 50%			
	Location	: Main Ro	pf					
erior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$16,800	
Ceramic Tile	15%			2032	* *	5	\$2,300	
Vinyl Tile	35%	0-2	\$4,500	2023	\$44,600	3	\$2,000	
	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 25%			
	Location	: 2nd Floo	r					
Interior Walls								
Cast in Place Concrete	10%	Now	\$6,500	LIFE	* *			
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 20%			
	Location	: Through	out Basement					
Ceramic Tile	10%			2026	\$56,900	5	\$2,100	
Concrete Masonry Unit	15%			LIFE	* *	5	\$1,300	
Gypsum Board	5%			LIFE	* *	5	\$600	
Plaster	30%			LIFE	* *	5	\$1,900	
SGFT/Glazed Masonry	30%			LIFE	* *	-	, ,	
Ceilings								
AcousTileConcealSpLn	45%	0-2	\$10,900	2040	* *	5	\$4,300	
P=		~ -	ents, Extent : Mod		ea Affected : 30%	=	+ -,- > 0	
		a : 2nd Floo						
Exposed Concrete	45%			LIFE	* *	5	\$1,100	
Plaster	10%			LIFE	* *	5	\$1,000	
1 105101	10%			LH.L		J	\$1,000	

Curren	t Repair	Futur	e Replacement	M	aintenance	
		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%		2033	* *	5	\$300	
100%		2033	* *	5	\$300	
	% of Fail Dat Total (Years	Total (Years)	% of Total (Years) Estimated Cost FY 100% 2033	% of Total (Years) Estimated Cost FY Estimated Cost FY 2033 **	% of Total Pair Estimated Cost (Years) Year FY Estimated Cost (Yrs) 100% 2033 ** 5	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost (Yrs) Cycle (Yrs) Estimated Cost (Yrs) 100% 2033 ** 5 \$300

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

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

Asset #: 13129

Electrical	Current Repair	Future Re	eplacement	Ma	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Raceway						
Conduit	100%	2033	* *	1		
Panelboards						
Molded Case Bkrs	100%	2031	* *	5	\$300	
Wiring Thermoplastic	100%	2033	* *	1		
Motor Controllers						
Motor Control Center	100%	2028	* *	5	\$300	
Fround						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
tand-by Power						
Transfer Switches						
Automatic	100%	2036	* *	1	\$3,200	
Generators						
Diesel	100%	2032	* *	1	\$4,000	
	Other Observation, Extent : I	Light, Area Affected : 10	00%			
	Location : Basement					
	Explanation: 55 Kw					
Batteries						
Lead/Acid	100%	2017	\$1,500	5	\$400	
Fuel Storage						
Main Tank	100%	2038	* *	5	\$300	
	Other Observation, Extent : I	Light, Area Affected : 10	00%			
	Location: Basement					
	Explanation: 275 Gallons					
ighting						
Interior Lighting						
Fluorescent	100%	2028	* *	10	\$9,400	
Egress Lighting						
Emergency, Service	100%	2023	\$4,900	1		
Exterior Lighting						
HID	100%	2023	\$37,800	10		

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Hot Water Boiler	100%		2036	* *	1	\$5,100	
Distribution							
Hot Wtr Piping/Pump	100%		2039	* *	4	\$500	

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

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

Asset #: 13129

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
Heating								
Terminal Devices								
Convector/Radiator	90%			2040	* *	1	\$3,000	
Unit Heater-Stm/HW	10%			2031	* *	4	\$100	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	50%		\$1,300	2024	\$64,500	2	\$300	
	_	_	nt : Light, Area Aff	ected : 1	00%			
		ı : 1st Floo	<i>r</i>					
Ext Pkg Unit - Cooling	50%			2028	* *	2	\$300	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$13,400	
Terminal Devices								
Direct Expansion	50%			2028	* *	1		
No Component	50%							
Heat Rejection								
Remote Air Cond	50%			2028	* *	2	\$3,600	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,700	
Exhaust Fans								
Interior	50%			2028	* *	2	\$200	
Roof	50%			2028	* *	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
Water Heater								
Gas Fired	100%			2022	\$2,300	2	\$200	
	Other Ob:	servation, E	Extent : Light, Area	Affected	: 100%			
		ı : Basemer						
	Explana	tion : 2 - 7:	Gallon Units					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%		\$1,300	2018	\$6,500	4	\$1,600	
			t : Severe, Area Aff	ected : 1	00%			
<u></u>	Location	ı : Cellar						
Fixtures								
Generic	100%							
		-		_				

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 258/LADDER CO. 115

Address : 10-10 47TH AVENUE

Borough : QUEENS Agency's Number : N/A

Program / Asset # : FIRSECO.258 / 13147 Yr Built/Renovated : 1903 / 2009

Area Sq Ft : 10,491 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Jun-2015 Landmark Status : EXTERIOR LANDMARK

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

Block : 46 Lot : 34 BIN : 4000333

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$94,000	\$58,700
Interior Architecture	\$74,700	
Electrical		\$64,700
Mechanical	\$71,200	
Total	\$240,000	\$123,400
Importance Code A	\$94,000	\$58,700
Importance Code B	\$145,900	\$64,700
Total	\$240,000	\$123,400

\$62,900 \$72,100 \$15,900	\$500 \$1,800	\$3,100 \$8,400 \$1,600	\$500 \$8,700
\$62,900	\$500	\$3,100	\$500
\$150,900	\$2,300	\$13,200	\$9,200
\$10,300	\$1,600	\$5,500	\$8,500
\$6,900	\$700	\$3,500	\$700
\$71,300		\$1,600	
\$62,400		\$2,600	
FY 2017	FY 2018	FY 2019	FY 2020
	\$62,400 \$71,300 \$6,900	\$62,400 \$71,300 \$6,900 \$700	\$62,400 \$2,600 \$71,300 \$1,600 \$6,900 \$700 \$3,500



 $[\]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.

rchitecture		Current Repair		Future Replacement		Maintenance			
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior									
Exterior Walls									
Cast Stone/Terra Cotta	3%			LIFE	* *	5	\$18,200		
Masonry: Brick	75%	Now	\$94,000	LIFE	**	5	\$29,200		
	Cracking/Crumbling, Extent: Moderate, Area Affected: 5%								
	Location: Northwest Corner Including Street Side Parapet								
	_	Vegetation Growth, Extent: Severe, Area Affected: 2%							
		Location: East Facade.							
	Other Observation, Extent : Moderate, Area Affected : 10% Location : Various Locations								
		tion : Wate	r Infiltration Durin						
Masonry: Granite	2%			LIFE	* *	5	\$1,200		
Masonry: Limestone	10%	0-2	\$10,100	LIFE	* *	5	\$2,900		
	_	Discoloring, a : Front Fa	Extent : Moderate acade.	, Area A	ffected : 10%				
Metal Sect. OHD	5%			2031	* *	5	\$6,100		
Stucco Cement	5%			2031	* *	5	\$4,900		
	Other Observation, Extent: Light, Area Affected: 100% Location: 4th Floor Bulkhead								
	Explana	tion : Stucc	o Located At 4th F	loor Obs	served From Roof.				
Windows									
Aluminum	100%	Now	\$18,200	2042	* *	5	\$1,000		
	Unit Inoperable, Extent : Moderate, Area Affected : 30%								
	Location	: Through	out						
Parapets									
Metal Panel	70%			2036	* *	5	\$7,400		
Metal Rail	30%	Now	\$1,200	2031	* *	5	\$5,800		
	Corrosion/Rusting, Extent: Light, Area Affected: 5%								
	Location	: At The C	Corners.						

Architecture	Current	Repair	Future	Replacement	M	aintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Exterior									
Roof									
Built-Up (BUR)	85% Now	\$17,600	2021	\$58,700					
	Blisters, Extent: Se		25%						
	Location: Main Re	•	A CC4 - 1	. 250/					
	Drains Clogged, Ex		а Ајјестеа	: 25%					
	Location: Towards Front Of Building Bonding Front Medorate Area Afforda 159/								
	Ponding, Extent : Moderate, Area Affected : 15% Location : Various Locations								
	Water Penetration, Extent: Moderate, Area Affected: 50%								
	Location: Main Roof								
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : Main Ro		55						
	Explanation : Poo	r Installation On Re	placement .	Roof.					
Metal Panel	10%		2039	* *	10	\$2,600			
Skylight, Metal/Glass	5% Now	\$5,600	2036	* *		, ,			
• •	Water Penetration, Extent: Moderate, Area Affected: 50%								
	Location: Main Roof Other Observation Fytant: Moderate Area Affected: 100%								
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Over Stair.								
	Location : Over Stair. Explanation : Needs Complete Re-caulking.								
Interior	Ехрининой : Тчес	as complete Re can	iking.						
Floors									
Cast in Place Concrete	40%		LIFE	* *	5	\$27,500			
Ceramic Tile	15% Now	\$2,400	2029	* *	5	\$1,200			
	Cracking/Crumbling	g, Extent : Light, Are	ea Affected	: 5%					
	Location: Kitchen								
Wood	45% 0-2	\$74,700	2041	* *	5	\$6,600			
	Deteriorated Finish, Extent: Moderate, Area Affected: 75%								
	Location: 1st And 2nd Floor.								
	Loose/Miss Fasteners, Extent : Light, Area Affected : 25%								
	Location : Various	Locations							

Asset #: 13147

Architecture	Current	Repair	Futur	Future Replacement		Maintenance			
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Interior									
Interior Walls									
Ceramic Tile	10%		2029	* *	5	\$3,200			
Concrete Masonry Unit	20% 4+	\$7,700	LIFE	**	5	\$2,600			
	Staining/Discolorin		ea Affect	ed : 15%					
	Location: Baseme		A CC 4 - 1	. 100/					
	Water Penetration, Location: Baseme	=	Ајјестеа	: 10%					
				* *		ф1.000			
Gypsum Board	10% Now Cracking/Crumbling	\$700	LIFE		5	\$1,900			
	Location : Variou		e, Area A	yeciea . 576					
M D:1		Locuitons	LIEE	* *	10	Φ1 000			
Masonry: Brick	20% Paint Peeling, Exter	at I light Amag Affa	LIFE		10	\$1,900			
	Location : Appara	0 . 55	ciea . 25)	/ 0					
Plaster	40% Now	\$5,500	LIFE	* *	5	\$3,900			
	Water Penetration,		55						
	Location : 3rd Flo	oor Under Skylight I	n Pool R	oom And Various (Other Lo	cations.			
Ceilings									
AcousTileSusp.Lay-In	35% Now	\$14,300	2031	**	5	\$2,700			
	Broken/Missing Ele			ea Affected : 10%					
	Location : Various Locations Throughout. Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
	O	g, Extent : Moderate d & 4th Floor Mezz							
End and March				**		¢2.200			
Embossed Metal	45% Now Broken/Missing Ele	\$13,300	LIFE		5	\$3,200			
	O	or And Apparatus R		jjeciea . 570					
				rted · 10%					
		Deformed/Dented, Extent: Moderate, Area Affected: 10% Location: 4th Floor And Apparatus Room							
	Staining/Discolorin			ffected : 25%					
	0	or And Apparatus R		<i>5</i>					
Exposed Struc: Steel	15% Now	\$10.600	LIFE	* *					
Emposed Strue. Steel	Other Observation,	, -,		: 2%					
		or, Rear Wall And I							
	Explanation: Rus	ted Lintel Above Wi	ndow.						
Plaster	5% Now	\$1,100	LIFE	* *	5	\$500			
	Horizontal Cracks,			: 5%					
	Location: Truck l	Bay Stair And 2nd F	loor Offic	ces					

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

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 #: 13147

Electrical	Current Repair	Future	Replacement	Ma		
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Location : Basement Explanation : 800 Amps. S		**	5		
Switchgear / Switchboard Molded Case Bkrs	100%	2046	* *	5	\$300	
Raceway Conduit Conduit	90% 10%	2036 2046	* *	1 1		
Panelboards Fused Disc Sw Molded Case Bkrs	10% 90%	2034 2034	* * * *	5 5	\$200	
Wiring Thermoplastic	100%	2036	* *	1		
Motor Controllers Locally Mounted	100%	2031	* *	5	\$100	
Ground Grounding Devices Generic Stand-by Power	100%	LIFE	* *	5	\$300	
Transfer Switches Automatic	100% Other Observation, Extent : Location : Basement	2039 Light, Area Affected :	**	1	\$3,200	
Generators Diesel	Explanation: 400 Amp 100% Other Observation, Extent: Location: Basement Explanation: 250kw	2029 Light, Area Affected :	**	1	\$4,100	
Batteries Lead/Acid	100%	2019	\$1,600	5	\$400	
Fuel Storage Day Tank	100% Other Observation, Extent : Location : Outside Rear Yo Explanation : 125 Gallons	ard	* * 100%	5	\$1,900	
Lighting Interior Lighting Fluorescent	90% T-5 Lamps, Extent : Light, A Location : Throughout	2026	\$64,700	10	\$8,700	
Incandescent	10%	2021	\$7,200	2		
Egress Lighting Emergency, Battery Exit, Battery	50% 50%	2026 2026	\$7,600 \$2,000	10 10	\$1,300 \$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.

Asset #: 13147

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
Lighting								
Exterior Lighting								
HID	50%			2021	\$21,200	10		
No Component	50%							
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic, Analog	5%	4+	\$5,800	2036	* *			
_	Local/Batte	ery Operat	ed Detect, Extent :	Light, A	rea Affected : 1009	%		
	Location	: Through	out					

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of 1 Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2052	* *	1		
Conversion Equipment Hot Water Boiler	100%		2039	* *	1	\$5,200	
Distribution						· · · · · · · · · · · · · · · · · · ·	
Hot Wtr Piping/Pump	100%		2042	* *	4	\$800	
Terminal Devices							
Convector/Radiator	90%		2039	* *	1	\$3,100	
Unit Heater-Stm/HW	10%		2031	* *	4	\$100	
Air Conditioning						·	
Energy Source							
Electricity	100%		2048	* *	1		
Conversion Equipment							
Ext Pkg Unit - Cooling	95%	2-4 \$71,200	2036	* *	2	\$500	
	R-22 Refrig	gerant, Extent : Light, Area A	ffected :	100%			
	Location	: 7 Roof Units					
	Other Obse Location .	ervation, Extent : Moderate, . : Roof	Area Affe	ected : 100%			
	Explanati	ion : On Extended Life					
Window/Wall Unit	5%		2021	\$1,200	1		
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2	\$17,100	
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$9,300	
Exhaust Fans							
Interior	50%		2026	\$6,200	2	\$200	
Roof	50%		2021	\$4,500	2	\$200	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2052	* *	1		

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

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

Mechanical	Current Re	Current Repair		e Replacement	Maintenance				
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Plumbing									
Water Heater									
Gas Fired	100%		2024	\$2,600	2	\$200			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Basement								
	Explanation: 2 - 75 G	Gallon Units							
Sanitary Piping									
Cast Iron	100%		LIFE	* *	1				
	Other Observation, Extended Location: Basement	ent : Moderate, Ai	rea Affe	cted : 100%					
	Explanation: Combin	ation Sewer Back	s Up Di	uring Heavy Rains					
Storm Drain Piping									
Cast Iron	100% 0-2	\$1,600	LIFE	* *	1				
	Blockage /Clogged, Ext Location: Roof Drain		Affected	! : 20%					
Sump Pump(s)									
Submersible	100%		2020	\$7,200	4	\$2,500			
Backflow Preventer									
Generic	100%		2034	* *	1	\$600			
Fixtures									
Generic	100%								
Fire Suppression									
Sprinkler									
Generic	100%		2052	* *	1-2	\$2,900			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Kitchen	-							
	Explanation : System S	Serves Cooking A	rea						

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 259/LADDER CO. 128 /BATTALION 45

Address : 33-49 GREENPOINT AVENUE

Borough : QUEENS Agency's Number : N/A

Program / Asset # : FIRSECO.259 / 13148 Yr Built/Renovated : 1907 / 2009

Area Sq Ft : 15,800 Project Type : FIRE DEPARTMENT

Date of Survey : 03-May-2012 Landmark Status : NONE

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

Block : 307 Lot : 29 BIN : 4003673

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$6,500		\$6,700	\$900
Interior Architecture	\$7,800	\$5,100		\$1,600
Electrical	\$1,200	\$20,800	\$2,000	\$1,400
Mechanical	\$28,700	\$12,800	\$17,400	\$5,500
Total	\$44,200	\$38,800	\$26,100	\$9,500
Importance Code A	\$7,300	\$800	\$7,500	\$1,700
Importance Code B	\$35,500	\$38,000	\$18,600	\$7,700
Importance Code C	\$1,300			
Total	\$44,200	\$38,800	\$26,100	\$9,500



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

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

Asset #: 13148

Architecture		Current	Repair	Future Replacement		Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Brick	84%			LIFE	* *	5	\$10,100	
Masonry: Limestone	1%			LIFE	* *	5	\$100	
Metal Panel	10%			2049	* *	5-10	\$8,300	
Metal Sect. OHD	5%			2040	* *	5	\$1,900	
Windows								
Aluminum	Location Weather S	Deteriorate 1 : 3rd Floo	g, Extent : Modera			5	\$200	
Parapets								
Cast Stone/Terra Cotta	10%		\$400	LIFE	* *	5	\$1,100	
	_	Deteriorate 1 : Front Fo	ed, Extent : Modera acade	ite, Area	Affected : 5%			
Masonry: Brick	65%			LIFE	* *	5	\$900	
Metal Panel	5%			2049	* *	5	\$300	
Mad Paral	Location Explana	ı : Roof Pai tion : Meta	=		: 100%		¢1 100	
Metal Panel	20%			2049		5	\$1,100	
Roof IRMA/Protected Membrane	5%			2031	* *	10	\$600	
Modified Bitumen	77%			2031	* *	10	\$9,600	
Plaza Roof: Stone Panel				2049	* *		+-,	
Skylight, Metal/Glass	3%	Now	\$5,400	2043	* *			
2-17-18-14	Water Per		xtent : Severe, Ared		d : 20%			
terior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	\$21,500	
Ceramic Tile	30%			2036	* *	5	\$6,500	
Wood	25%			2058	* *	5	\$10,200	
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *	-	4	
Ceramic Tile	5%			2036	* *	5	\$1,300	
Concrete Masonry Unit	10%	3.7	44.00 0	LIFE	* *	5	\$1,000	
Gypsum Board			\$1,300 Extent : Light, Area or Front	LIFE Affected	**	5	\$9,700	
Motel Danal	1%			LIFE	* *			
Metal Panel	Other Obs	ı : 1st Floo	Extent : Light, Area r Housewatch					
Wood			less Steel Panels	LIDD	* *		ØF 100	
Wood	5%			LIFE	* *	5	\$5,100	

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

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

Asset #: 13148

Architecture		Current Repair Future			e Replacement	ement Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%			2040	* *	5	\$3,300	
	Staining/Di	iscoloring,	Extent: Light, Are	ea Affect	ed : 2%			
	Location	: 2nd And	3rd Floor Offices					
Exposed Struc: Steel	25%			LIFE	* *			
Gypsum Board	60%	4+	\$6,500	LIFE	* *	5	\$16,400	
••	Water Pene	etration, E.	xtent : Moderate, A	rea Affe	cted : 5%			
	Location: 3rd Floor Bathroom, 3rd Floor Front							
	Other Observation, Extent : Moderate, Area Affected : 5%							
	Location: 3rd Floor Bunkroom							
	Explanati	ion : Paint	Peeling					

lectrical	Current Repa	air Futı	ıre Replacement	Maintenance					
ystem Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
nder 600 Volts									
Service Equipment									
Fused Disc Sw	100%	2049		5	\$100				
	Recent Replace Evident,		fected : 100%						
	Location : Basement El								
	Other Observation, Extent: Light, Area Affected: 100%								
	Location: Basement El								
	Explanation : Service S	ize: 600 Amp							
Switchgear / Switchboard									
Air Circuit Breaker	100%	2049		5	\$100				
	Other Observation, Exten	-	d : 100%						
	Location: Basement Ele	ectrical Room							
	Explanation: 600 Amp								
Raceway									
Conduit	100%	2049	**	1					
Panelboards									
Molded Case Bkrs	100%	2045	* *	5	\$400				
Wiring									
Thermoplastic	100%	2049	* *	1					
Motor Controllers									
Locally Mounted	100%	2040	* *	5	\$100				
	Other Observation, Exten	Other Observation, Extent : Light, Area Affected : 100%							
	Location: 1st Floor And Basement								
	Explanation: Motor Co	ontroller For 3 Overhe	ad Doors						
round									
Grounding Devices									
Generic	100%	LIFE	**	5	\$200				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Basement								
	Explanation : Three Gre	ound Clamps Observe	d						

Stand-by Power

Note: 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 #: 13148

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	
Stand-by Power							
Transfer Switches	1000/	2040	de de		# 4.000		
Automatic	100%	2040	**	1	\$4,900		
	Recent Installation, Extent : Light, Area Location : Basement	а Ајјестеа :	100%				
	Other Observation, Extent : Light, Area	a Affected .	100%				
	Location: Basement	i rijjecica .	100/0				
	Explanation: Two Transfer Switches	Were Obse	erved - Rating Noi	Visible			
Generators							
Diesel	100%	2032	* *	1	\$6,100		
	Other Observation, Extent : Light, Area	a Affected :	100%				
	Location: Basement						
	Explanation: Rated At 40 Kva						
Batteries	1000/	2010	4. 800	_	↑↑ ₹ 6 ↑		
Nickel Cadmium	100%	2018	\$1,500	5	\$3,500		
Fuel Storage	500/	2039	* *	5	¢1 500		
Day Tank	50% Other Observation, Extent: Light, Area			3	\$1,500		
	Location: Basement	и пуресней.	100/0				
	Explanation: 60 Gallon Capacity						
Main Tank	50%	2051	* *	5	\$200		
William Tunk	Other Observation, Extent : Light, Area		100%	5	Ψ200		
	Location: Basement	33					
	Explanation: Shares Main Apparatus	s Tank - 55	0 Gallon Capacity	V			
Lighting							
Interior Lighting							
Fluorescent	100%	2028	**	10	\$14,500		
	Motion Sensors in Use, Extent: Light, Area Affected: 100%						
	Location : Throughout T-8 Lamps, Extent : Light, Area Affecte	A · 100%					
	Location: Throughout	u . 100/0					
Egress Lighting							
Emergency, Battery	50%	2028	* *	10	\$1,900		
Exit, Service	50%	2028	* *	1	, ,- ,-		
Exterior Lighting							
HID	100%	2028	* *	10			
	Other Observation, Extent : Light, Area	a Affected :	100%				
	Location : Exterior						
	Explanation : Operated By Photocell						
Alarm							
Fire/Smoke Detection No Component	95%						
Generic	95% 5%	2023	\$8,000	1-3	\$500		
OCHUIC	5% Local/Battery Operated Detect, Extent				\$300		
	Location : 3rd Floor	. 205.00, 1110		~			

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

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

Asset #: 13148

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source	1000/			20.40	* *			
Natural Gas	100%			2049	* *	1		
Conversion Equipment Hot Water Boiler	100%			2040	* *	1	\$7,800	
Distribution	0.004			2045	de de		4.100	
Hot Wtr Piping/Pump	90%	3.7	Φ7 000	2045	* *	4	\$1,100	
Hot Wtr Piping/Pump	Location		\$7,800 Extent : Severe, Area oor Ceiling ured	2048 Affected		4	\$100	
Terminal Devices	-							
Convector/Radiator	50%			2040	* *	1	\$2,600	
Convector/Radiator			\$14,600 evere, Area Affected oor Bathroom	2043 : 100%	* *	1	\$500	
Fan Coil Unit/Heat	40%			2031	* *	1	\$2,000	
Air Conditioning							7-,000	
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	70%			2031	* *	2	\$700	
Split Unit	5%			2031	* *			
No Component	25%							
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2	\$14,400	
No Component	30%							
Heat Rejection								
Remote Air Cond	5%			2031	* *	2	\$600	
No Component	95%							
Ventilation								
Distribution 1.70:55	1,000/			LIDE	* *	2.5	Φ0.000	
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,800	
Exhaust Fans	200/			2021	* *	2	¢100	
Interior Roof	20% 80%			2031 2031	* *	2 2	\$100 \$400	
Plumbing	80%			2031			\$400	
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
Water Heater	10070			2047		1		
Gas Fired	Location	ı : Cellar	Extent : Light, Area A 75 Gallon Heaters	2022 Affected	\$3,600 : 100%	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		_
			<u> </u>		<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.

Page: 173

FIRE DEPARTMENT - 057 ENGINE CO. 259/LADDER CO. 128 /BATTALION 45

Mechanical	Current Repair	Future Re	eplacement	Maintenance					
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est	imated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Plumbing									
Sump Pump(s)									
Submersible	100%	2018	\$6,500	4	\$2,500				
Backflow Preventer									
Generic	100%	2031	* *	1	\$1,000				
	Other Observation, Extent : Light	, Area Affected : 10	0%						
	Location : Cellar								
	Explanation: Backflow Prevent	ers On Domestic W	ater, Sprinkler	And Boi	iler Water Feeds				
Fixtures									
Generic	100%								
Fire Suppression									
Sprinkler									
Generic	100%	2049	* *	1-2	\$4,400				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation: Building Fully Sp	rinklered Including	Cellar						
Chemical System									
Wet	100%	2022	\$27,800	1-3	\$57,100				

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

Page: 174

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 265/LADDER CO. 121 / EMS STATION 47

Address : 303 BEACH 49 STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.265 / 13154 Yr Built/Renovated : 2004 /

Area Sq Ft : 18,010 Project Type : FIRE DEPARTMENT

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

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

Block : 15926 Lot : 44 BIN : 4302052

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture		\$44,200
Electrical		\$179,200
Total		\$223,400
Importance Code B		\$223,400
Total		\$223,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$26,300		\$28,400	\$1,500
Interior Architecture	\$4,700	\$1,300		\$700
Electrical	\$3,100	\$1,300	\$1,600	\$1,500
Mechanical	\$2,400	\$1,500	\$3,300	\$1,800
Elevators/Escalators	\$1,600			
Total	\$38,200	\$4,000	\$33,300	\$5,400
Importance Code A	\$27,200	\$900	\$29,300	\$2,300
Importance Code B	\$9,400	\$2,500	\$4,000	\$3,000
Importance Code C	\$1,600	\$600		
Total	\$38,200	\$4,000	\$33,300	\$5,400



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

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

Asset #: 13154

Architecture		Current Repair		Future Replacement		Maintenance		
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)		
Exterior Exterior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	\$6,900	
Exposed Struc: Steel	5%			LIFE	* *	5	\$6,900	
Masonry: Brick	55%			LIFE	* *	5	\$24,300	
Metal Sect. OHD	10%			2037	* *	5	\$13,800	
Window Wall	5%			2044	* *	5	\$8,300	
Windows	370			2077			ψ0,500	
Aluminum	95%			2040	* *	5	\$2,900	
Metal Louvers	5%			2033	* *	10	\$1,000	
Parapets	370			2033		10	φ1,000	
Concrete Masonry Unit	25%			LIFE	* *	5	\$1,200	
Masonry: Brick	60%			LIFE	* *	5	\$2,600	
Metal Panel	5%			2044	* *	5	\$900	
Metal Rail	10%			2037	* *	5-10	\$8,000	
Roof	1070			2037		3 10	φο,σσσ	
Metal Panel	25%			2037	* *	10	\$14,600	
Modified Bitumen	50%			2029	* *	10	\$15,900	
Modified Bitumen	25%			2029	* *	10	\$7,900	
Wiodiffed Bitumen		ervation. F	Extent : Moderate, A		cted : 50%	10	Ψ1,500	
			cond Floor	17 000 1 255 0	c.ca . 2070			
	Explana	tion : Conc	rete Pavers					
nterior								
Floors								
Cast in Place Concrete	75%			LIFE	* *	5	\$44,200	
Ceramic Tile	5%			2033	* *	5	\$1,300	
Vinyl Tile	20%			2029	* *	3	\$2,700	
Interior Walls							•	
Ceramic Tile	5%			2033	* *	5	\$1,200	
Concrete Masonry Unit	40%			LIFE	* *	5	\$4,000	
Gypsum Board	45%			LIFE	* *	5	\$6,700	
Masonry: Brick	5%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$5,000	
Ceilings								
AcousTileSusp.Lay-In	30%			2037	* *	5	\$8,100	
Exposed Struc: Steel	60%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	\$3,400	
Site Enclosure								
Fence/Gates								
Chain link	50%			2044	* *			
Iron Picket	50%			2059	* *			
Free Standing Walls								
Concrete Masonry Unit	100%	Now	\$1,600	2044	* *			
•	Other Obs	ervation, E	Extent : Light, Area	Affected	: 5%			
	Location	: Masonry	Free Standing Wa	ll				
	Explana	tion : Deco	rative Steel Detaili	ng Above	e Needs Re - Ancho	oring		

Site Pavements

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

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

Asset #: 13154

Architecture	Current Repair		Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements							
Parking/Driveway							
Asphalt	80%		2033	* *			
Cast in Place Concrete	20%		2037	* *			

Electrical	Current Repair		Futur	e Replacement	М	aintenance				
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts										
Service Equipment						_				
Fused Disc Sw	100%			2044	**	5	\$100			
	Location :		xtent : Moderate, A	Area Affe	ctea : 100%					
			a Koom Service Switch Ra	tad @ 10	M Amparas					
Switchgear / Switchboard	Ехринин	m . Main	Service Switch Ku	ieu @ 40	O Amperes					
Fused Disc Sw	100%			2044	* *	5	\$100			
Raceway	10070			2011			Ψ100			
Conduit	100%			2044	* *	1				
Panelboards										
Molded Case Bkrs	100%			2040	* *	5	\$500			
Wiring										
Thermoplastic	100%			2044	* *	1				
Motor Controllers										
Locally Mounted	100%			2037	* *	5	\$100			
Ground										
Grounding Devices	1,000/									
Not Accessible	100%									
Stand-by Power Transfer Switches										
Automatic	100%			2037	* *	1	\$5,500			
Generators	10070			2037			Ψ5,500			
Diesel	100%			2027	* *	1	\$7,000			
		vation, E	xtent : Moderate, A	Area Affe	cted : 100%		, , , , , , ,			
	Location:	Location: Outside								
	Explanatio	n : Emer	gency Generator N	lo Availa	ble Nameplate Rat	ings				
Batteries										
Lead/Acid	100%			2017	\$1,500	5	\$700			
Fuel Storage										
Main Tank	100%			2039	* *	5	\$500			
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Outside									
			amanlata Batina C	anacit.						
Lighting	Expianatio	on : NO No	ameplate Rating C	арасну						
Lighting Interior Lighting										
Fluorescent	100%			2024	\$112,800	10	\$16,500			
1 Iuorescent		Extent : N	Ioderate, Area Aff			10	Ψ10,500			
	-		out The Building							

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

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

Asset #: 13154

Electrical	C	Current Repair		Future Replacement		Maintenance		
System Component Type		ail Date Estin (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2024	\$4,300	1		
Exit, LED	50%			2039	* *	1		
Exterior Lighting								
HID	100%			2024	\$66,400	10	\$100	

Mechanical	Current Repair	Future Rep	olacement	M	aintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Energy Source Natural Gas	100%	2044	* *	1			
Conversion Equipment Furnace	40% Other Observation, Extent: Light Location: Roof	2029 , Area Affected : 40%	**	1	\$3,600		
	Explanation : 6 Roof Top Packa	ge Units					
Hot Water Boiler	60% Other Observation, Extent: Light Location: 1st Floor Boiler Room Explanation: 1 Unit		**	1	\$5,300		
Distribution							
Hot Wtr Piping/Pump No Component	60% 40%	2040	* *	4	\$500		
Terminal Devices							
Air Handler	20%	2029	* *	1	\$2,200		
Convector/Radiator	10%	2037	* *	1	\$600		
Unit Heater-Stm/HW No Component	30% 40%	2029	* *	4	\$700		
Air Conditioning	1070						
Energy Source Electricity	100%	2040	* *	1			
Conversion Equipment Reciprocating Compr/Chiller	20%	2029	* *	1	\$1,700		
Compi, Cimiei	R-22 Refrigerant, Extent: Light, A Location: 2nd Floor Mech Room						
Ext Pkg Unit - Heating/Cooling	50%	2029	* *	2	\$600		
	R-22 Refrigerant, Extent: Light, Area Affected: 50% Location: 6 Roof Top Package Units						
No Component	30%						
Terminal Devices							
Direct Expansion No Component	20% 80%	2029	* *	1			

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

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

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail D Total (Yea	eate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning							
Heat Rejection							
Air Condenser Unit	20%		2029	* *	2	\$2,500	
No Component	80%						
Ventilation							
Distribution							
Ductwork/Diffusers	80%		LIFE	* *	2-5	\$8,000	
No Component	20%						
Exhaust Fans							
Roof	80%		2029	* *	2	\$400	
Wall Unit	20%		2029	* *	2	\$100	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2044	* *	1		
Water Heater							
Gas Fired	100%		2022	\$4,100	2	\$300	
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Boile	er Room					
	Explanation: 2	- 100 Gallon Units					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Backflow Preventer							
Generic	100%		2029	* *	1	\$1,100	
Fixtures							
Generic	100%						

Page: 179

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 266

Address : 92-20 ROCKAWAY BEACH BOULEVARD

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 11,960 Project Type : FIRE DEPARTMENT

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

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

Block : 16127 Lot : 1 BIN : 4439014

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$78,600	\$71,800
Electrical		\$37,100
Mechanical		\$110,300
Total	\$78,600	\$219,300
Importance Code A	\$78,600	\$71,800
Importance Code B		\$147,400
Total	\$78,600	\$219,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$31,300		\$7,600	_
Interior Architecture	\$73,100			\$900
Electrical	\$36,600	\$800	\$800	\$2,400
Mechanical	\$19,400	\$1,600	\$8,200	\$1,900
Elevators/Escalators	\$2,300			
Total	\$162,600	\$2,400	\$16,700	\$5,200
Importance Code A	\$32,500	\$1,200	\$8,800	\$1,200
Importance Code B	\$80,600	\$1,300	\$7,900	\$4,000
Importance Code C	\$49,500			



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

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

FIRE DEPARTMENT - 057 ENGINE CO. 266

Asset #: 13155

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
system Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	20%			LIFE	* *	5	\$11,100	
Masonry: Granite	5%			LIFE	* *	5	\$2,100	
Masonry: Limestone	5%	. 1 .	F T' 1 . A	LIFE	* *	5	\$2,100	
	Staining/Discoloring, Extent: Light, Area Affected: 2% Location: Underside Of Cornice; Front Facade.							
Stucco Cement	50%	Now	\$78,600	2039	* *	5	\$17,400	
	Cracking/Crumbling, Extent: Moderate, Area Affected: 25% Location: Side And Rear Walls							
Stucco Cement	10%			2039	* *	5	\$6,900	
Wood Overhead Doors	10%	0-2	\$8,600	2031	* *	5	\$6,900	
	Dry Rot/Decay, Extent: Moderate, Area Affected: 5% Location: Lower Part Of Door And Frame Worn/Eroded, Extent: Light, Area Affected: 25% Location: Front Of Building							
Windows	Locuiton	i. Proni Oj	Building					
Aluminum	Location Unit Inope	roken/Crac : Bathroo erable, Exte	\$2,500 ked, Extent : Light m, Third Floor. ent : Light, Area Af olding Closed Case	fected : 2	2%	5 in The Wo	\$1,500 orkout Room.	
Parapets								
Masonry: Limestone	Misaligned Location Staining/L	: Through Discoloring	\$1,800 Extent : Moderate, out , Extent : Moderate out Coping.			5	\$500	
Stucco Cement	90%			2039	* *	5	\$8,300	
Roof							·	
Modified Bitumen	Location Ponding, I	n : Flashing Extent : Lig	\$10,800 nings, Extent: Mod g Misaligned Along pht, Area Affected: oor Roof.	Parapet		Iatch Sid	e.	
Modified Ritumen			<u> </u>	2026	\$18,000	10	\$3.200	
Modified Bitumen		Extent : Lig		2026	\$18,000	10	\$3,200	

Interior

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

Architecture	Curren	t Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years	e Estimated Cost	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior Floors							
Cast in Place Concrete	45% Now Broken/Missing Electrocation: Basem	\$4,100 ements, Extent : Ligh ent.	LIFE t, Area Affe	* * cted : 5%	5	\$17,600	
Ceramic Tile	10% Now Deteriorated Finish Location: Kitche	\$1,700 n, Extent : Moderate, n	2029 Area Affect	* * ted : 5%	5	\$900	
Quarry Tile	5% 2-4 Worn/Eroded, Exte Location: Kitche	\$1,300 nt : Moderate, Area n	2031 Affected : 7.	* *	5	\$700	
Vinyl Tile	Location : Through Punct/Tear/Impact Location : Through	Damage, Extent : M ghout nt : Moderate, Area	oderate, Arc	ea Affected : 159	3	\$2,700	
Interior Walls		•					
Ceramic Tile	10% Now Broken/Missing Electrocation: Kitche	\$13,300 ements, Extent : Mod n, Toilets	2039 Terate, Area	* * Affected : 15%	5	\$1,200	
Masonry: Brick	Location : Basem	ag, Extent : Moderate					
Plaster	Location: Throug Deteriorated Finish Location: Throug Paint Peeling, Exte Location: Throug	h, Extent : Moderate, ghout nt : Moderate, Area ghout Extent : Severe, Are	Area Affect	ted : 25%	5	\$4,100	
SGFT/Glazed Masonry	Location: Appare	nt : Light, Area Affeo		* * cted : 2%			

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

Architecture	Current Repair	Future Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Interior Ceilings					
AcousTileSusp.Lay-In	5% Now \$1,400 Misaligned/Bulging, Extent: Moderate, Location: Kitchen Staining/Discoloring, Extent: Moderate Location: Kitchen	-	5	\$400	
Metal Panel	5% Recent Replace Evident, Extent : Light, Location : 2nd Floor Toilet	LIFE ** Area Affected : 100%	5	\$2,200	
Plaster	90% Now \$10,300 Broken/Missing Elements, Extent: Ligh Location: Second Floor Locker Room Cracking/Crumbling, Extent: Severe, A Location: Throughout Paint Peeling, Extent: Light, Area Affect Location: Basement. Water Penetration, Extent: Severe, Area Location: Throughout	rea Affected : 30%	5	\$10,100	
Site Enclosure					
Fence/Gates Chain link	100% Now \$2,300 Broken/Missing Elements, Extent: Mod Location: Rear Gate	2046 ** erate, Area Affected : 10%			
Site Pavements Parking/Driveway Asphalt	100% Now \$4,900 Cracking/Crumbling, Extent: Moderate Location: Rear Lot	2035 ** c, Area Affected : 25%			

Electrical	Current Repair	Futur	re Replacement	М				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%	2046	* *	5				
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Electrical Room 1st Floor							
	Explanation: 225 Amps.							
Photovoltaic Panel(s)	20%	2035	* *	1				
`,	Other Observation, Extent: Light, Area Affected: 100%							
	Location : Roof							
	Explanation : Serves Hot Water Heate	r						

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

Asset #: 13155

Electrical		Current Repair	Futur	e Replacement	Maintenance					
System Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Jnder 600 Volts										
Raceway										
Conduit	60%		2046	* *	1					
Conduit	40%		2026	\$12,200	1					
		ing, Extent : Moderate, Are Throughout	ea Affecte	d : 20%						
Panelboards										
Molded Case Bkrs	60%		2042	* *	5	\$200				
Molded Case Bkrs	40%		2025	\$15,100	5	\$100				
Wiring										
Thermoplastic	80%		2046	* *	1					
Thermoplastic	20%		2036	* *	1					
Ground										
Grounding Devices					_					
Generic	100%		LIFE	* *	5	\$400				
tand-by Power										
Transfer Switches	400-			de de		** = 0.0				
Automatic	100%		2039	* *	1	\$3,700				
Generators	400-					4.400				
Diesel	100%	1.1.5	2035	**	1	\$4,600				
	Enclosure Corroded, Extent : Severe, Area Affected : 20% Location : Exterior Exhaust Ductwork Disconnected									
	Location : Exterior Exhaust Ductwork Disconnected Other Observation, Extent : Light, Area Affected : 100%									
			і Ађестеа	: 100%						
	Location :									
	Explanatio	n : 80 Kva								
Batteries	1000/		2020	¢1 500	5	\$400				
Lead/Acid	100%		2020	\$1,500	5	\$400				
Fuel Storage	1000/		20.42	* *	-	¢2.200				
Day Tank	100%		2042		5	\$2,200				
	Location :	vation, Extent : Light, Area Side Vand	і Ајјестеа	: 100%						
1.1.2	Ехріапапо	n : 125 Gallons								
ighting Interior Lighting										
Interior Lighting Fluorescent	100%		2031	* *	10	\$11,000				
Fluorescent		ors in Usa Extent : Light		otad : 100%	10	\$11,000				
		Motion Sensors in Use, Extent: Light, Area Affected: 100%								
	Location : Throughout T-8 Lamps, Extent : Light, Area Affected : 100%									
		zxiem . Ligni, Area Ajjecie Throughout	a . 100%							
Entonion Liebtine	Locuiton.	ı nı ougnoui								
Exterior Lighting	500/		2026	¢22 100	10					
HID	50%	Now \$22,100	2026	\$22,100	10					
HID			2036							
		ing, Extent : Severe, Area A Exterior In Alleyway	ујества :	10070						
	Locuiton .	<u>ылыны ташеушиу</u>								

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 #: 13155

Electrical		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
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	Now	\$12,100	2036	* *			
	Devices M	issing, Ext	ent : Severe, Area A	Affected .	: 100%			

Location : Throughout

Local/Battery Operated Detect, Extent : Light, Area Affected : 100%

Location : Throughout

Mechanical		Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	\$11,800	
Distribution								
Steam Piping/Pump	100%			2036	* *	4	\$600	
			ent : Light, Are	a Affecte	d : 20%			
	Location	: Basement						
Terminal Devices								
Convector/Radiator	100%			2024	\$110,300	1	\$3,900	
			, Area Affected	: 60%				
	Location	: All Floors						
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Split Unit	10%			2031	* *			
Window/Wall Unit	50%	0-2	\$7,200	2025	\$12,000	1		
			te, Area Affecte	d : 75%				
	Location	: All Floors						
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	Now	\$3,000	LIFE	* *	2-5	\$700	
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location: Generator Exhaust							
	Explanati	ion : Duct Not	t Sealed, Openi	ngs In D	uct.			
No Component	90%							

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

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

echanical	Current Repair	Futui	Future Replacement		Maintenance	
stem Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
ntilation						
Exhaust Fans						
Interior	20% Now	\$2,600 2036	* *	2	\$100	
	Broken, Extent : Light, Area Location : Toilet Rooms	Affected : 20%				
Roof	10% Other Observation, Extent: Location: Ist Floor Explanation: Kitchen Exh		\$900 1:100%	2		
Wall I Init			\$5.200	2	\$100	
Wall Unit	30%	2026	\$5,300	2	\$100	
No Component	40%					
imbing						
H/C Water Piping	100%	2046	* *	1		
Brass/Copper				1		
	Not Insulated, Extent : Ligh. Location : Bathrooms	<i>і, А</i> геа А <u></u> ЈЈестеа : 103	%o			
	Location : Bainrooms					
Water Heater	7 00/	2024	ф000			
Electric	50%	2024	\$900	4		
	Other Observation, Extent:	Light, Area Affected	: 50%			
	Location: Roof					
	Explanation : Solar Heate					
Gas Fired	50%	2024	\$1,400	2	\$100	
	Other Observation, Extent :	Light, Area Affected	! : 100%			
	Location : Basement					
	Explanation : 2 - 75 Gallo	n Units				
Sanitary Piping						
Cast Iron	100% Now	\$2,500 LIFE	* *	1		
	Leak Evident, Extent : Mode	erate, Area Affected .	20%			
	Location: 2nd To 1st Flo	or				
Storm Drain Piping						
Cast Iron	100% Now	\$1,600 LIFE	* *	1		
	Blockage /Clogged, Extent:	Light, Area Affected	l : 20%			
	Location: 1st Floor					
Sump Pump(s)						
Submersible	100%	2019	\$6,500	4	\$2,500	
Fixtures			·		·	
Generic	100%					

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

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

Page: 186

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 268/LADDER CO. 137

Address : 257 BEACH 116th STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.268 / 13156 Yr Built/Renovated : 1913 /

Area Sq Ft : 10,089 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Jun-2015 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Roof, Floors 1,2,3

Block : 16212 Lot : 17 BIN : 4304442

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$47,700
Interior Architecture		\$59,000
Electrical		\$158,500
Mechanical		\$91,700
Total		\$356,900
Importance Code A		\$47,700
Importance Code B		\$309,100
Total		\$356,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$87,500		\$5,300	
Interior Architecture	\$68,500		\$2,300	\$2,700
Electrical	\$22,400			\$100
Mechanical	\$7,900	\$1,400	\$1,300	\$1,600
Total	\$186,400	\$1,400	\$8,900	\$4,500
Importance Code A	\$88,500	\$1,000	\$6,300	\$1,000
Importance Code B	\$55,000	\$400	\$2,600	\$2,300
Importance Code C	\$42,800			\$1,100
Total	\$186,400	\$1,400	\$8,900	\$4,500



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

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

Asset #: 13156

Architecture	Current Repair	Future Re	eplacement	Maintenance			
ystem Component Type	% of Fail Date Estimated C Total (Years)	ost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior		•	•				
Exterior Walls							
Cast Stone/Terra Cotta	8% Repairs in Progress, Extent: Light, Location: Front Facade	LIFE Area Affected : 9	* *	5	\$39,100		
Masonry: Brick	75% Repairs in Progress, Extent: Light, Location: Front Facade Sidewalk Shed in Use, Extent: Ligh Location: Front And Part Of Side Vertical Cracks, Extent: Moderate,	t, Area Affected :	25%	5	\$47,000		
	Location : Front Facade						
Masonry: Granite	2% 0-2 \$7,90 Caulking Deteriorated, Extent: Mo Location: Front Facade Vertical Cracks, Extent: Moderate, Location: Front Facade	derate, Area Affe		5	\$500		
Metal, Corrugated	5%	2036	* *	1			
	Other Observation, Extent : Light, A Location : Roof Explanation : Bulkhead At Roof	Area Affected : 10	00%				
Metal Sect. OHD	10%	2039	* *	5	\$9,800		
Windows							
Aluminum	100%	2034	* *	5	\$800		
Parapets Cast Stone/Terra Cotta	20% Now \$70 Broken/Missing Elements, Extent : St Location : North Side Of Roof		* * cted : 5%	5	\$2,000		
Masonry: Brick	80%	LIFE	* *	5-10	\$7,100		
Roof	0070	En E		3 10	Ψ7,100		
Built-Up (BUR)	80% Now \$23,900 2026 \$47,700 Blisters, Extent: Moderate, Area Affected: 20% Location: Third Floor Roof. Debris on Roof, Extent: Light, Area Affected: 10%						
Single Ply Membrane	Location: Throughout 15% Now \$3,90 Other Observation, Extent: Modera Location: Second Floor Open Po Explanation: Improperly Pitched	ate, Area Affected rch Floor.	\$6,600 !:5%				
Skylight, Metal/Glass	5% Now \$1,90 Water Penetration, Extent: Severe, Location: Hose Tower	00 2036	**			1	

Interior

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

rchitecture		Current I	Repair	Futur	e Replacement	М	aintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior									
Floors									
Cast in Place Concrete	30%			LIFE	* *	5	\$21,300		
Ceramic Tile	10%			2035	* *	5	\$1,600		
Quarry Tile	5%	0-2	\$1,200	2039	**	5	\$600		
			nents, Extent : Mod	erate, Ar	ea Affected : 5%				
	Location: Kitchen								
	Cracking/Crumbling, Extent: Moderate, Area Affected: 5%								
	Location : Kitchen Worn/Eroded, Extent : Light, Area Affected : 25%								
			: Light, Area Affec	cted : 25%	%				
		ı : Kitchen							
Terrazzo	5%			LIFE	* *	5	\$1,300		
	Other Observation, Extent: Light, Area Affected: 100%								
			And Landings						
	Explana	tion : Terro							
Vinyl Tile	40%		\$2,900	2026	\$59,000	3	\$2,400		
		_	ients, Extent : Mod	erate, Ar	ea Affected : 15%				
		ı : Through							
	_		Extent : Moderate,	Area Afj	fected : 15%				
		ı : Through							
			: Moderate, Area	Affected	: 90%				
	Location	ı : Through	out						
Wood	10%			2054	* *	5	\$3,000		
			Extent : Light, Area	Affected	l : 100%				
	Location	ı : Bunkroo	m						
Interior Walls									
Ceramic Tile	10%			2035	* *	5	\$2,200		
Plaster	55%		\$10,500	LIFE	* *	5	\$3,700		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15% Location : Throughout								
	Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
	Location: Throughout								
	Water Penetration, Extent : Severe, Area Affected : 10%								
	Location	ı : Through	out						
SGFT/Glazed Masonry	35% Now \$32,300 LIFE **								
•	Broken/Missing Elements, Extent: Moderate, Area Affected: 2%								
	Location : Apparatus Room								
	Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
	Location	ı : Apparat	us Room						
	Jnt Morta	r Miss/Ero	d, Extent : Moderat	te, Area A	Affected : 15%				
	Location	ı : Apparat	us Room						

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

Asset #: 13156

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Ceilings									
AcousTileSusp.Lay-In	10%)		2039	* *	5	\$1,600		
Plaster	90%	Now	\$10,200	LIFE	* *	5	\$9,100		
	Cracking	Cracking/Crumbling, Extent: Moderate, Area Affected: 10%							
	Location: Throughout								
	Paint Peeling, Extent: Moderate, Area Affected: 25%								
	Location: Throughout								
	Staining/Discoloring, Extent : Light, Area Affected : 10%								
	Location	n : Balcony							
	Water Per	netration, E	xtent : Severe, Ared	a Affecte	d: 10%				
	Location: 3rd Floor Throughout								
	Other Observation, Extent: Light, Area Affected: 15%								
	Location: Balcony								
	Explana	ation : Exter	ior Space						

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
Under 600 Volts							
Service Equipment							
Photovoltaic Panel(s)	10%		2035	* *	1		
	Other Observation, I	Extent : Light, Area	Affected	: 100%			
	Location: Roof						
	Explanation : Serv	es Hot Water Heate	r				
Not Accessible	90%						
Switchgear / Switchboard							
Molded Case Bkrs	100%		2026	\$52,200	5	\$300	
Raceway							
Conduit	100%		2026	\$33,500	1		
Panelboards							
Molded Case Bkrs	10%		2042	* *	5		
Molded Case Bkrs	90%		2025	\$37,100	5	\$200	
Wiring							
Thermoplastic	100%		2046	* *	1		
Motor Controllers							
Locally Mounted	100%		2031	* *	5	\$100	
Ground							
Grounding Devices							
Not Accessible	100%						
Lighting							
Interior Lighting							
Fluorescent	100%		2026	\$69,100	10	\$9,300	
	Motion Sensors in U. Location: Through	_	rea Affe	cted : 100%			
	T-8 Lamps, Extent: Location: Through	Light, Area Affectea	! : 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 #: 13156

Electrical	Current l	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Exterior Lighting							
HID	25%		2021	\$10,200	10		
No Component	75%						
Alarm							
Fire/Smoke Detection							
No Component	80%						
Generic, Analog	20% Now	\$22,300	2036	* *			
	Devices Missing, Ext	ent : Severe, Area	Affected : I	100%			
	Location: Through	out					
	Local/Battery Opera	ted Detect, Extent :	Light, Are	ea Affected : 100%	%		
	Location : Through	out					
	Other Observation, E	Extent : Light, Area	Affected:	100%			
	Location : Through	out					
	Explanation: Obso	lete					

Mechanical	Cur	rent Repair	Futur	e Replacement	M				
System Component Type		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating									
Energy Source									
Natural Gas	100%		2046	* *	1				
Conversion Equipment									
Steam Boiler	100%		2031	* *	1	\$10,000			
	Other Observat	ion, Extent : Light, Area	Affected	: 100%					
	Location : All	Floors							
	Explanation:	Unit Requires Repair O	ften In V	Vinter As Reported	By User	rs			
Distribution									
Steam Piping/Pump	100%		2036	* *	4	\$500			
Terminal Devices									
Convector/Radiator	90%		2024	\$91,700	1	\$2,900			
	Corroded, Extent : Light, Area Affected : 100%								
	Location: All	Floors							
Unit Heater-Stm/HW	10%		2026	\$7,000	4	\$100			
	Other Observat	ion, Extent : Light, Area	Affected			·			
	Location: 1st Floor								
	Explanation:	Serves Engine Bay							
Air Conditioning	-								
Energy Source									
Electricity	100%		2034	* *	1				
Conversion Equipment									
Window/Wall Unit	50% 0-	2 \$6,700	2025	\$11,100	1				
	Broken, Extent	: Light, Area Affected : 5	50%						
	Location : All	Floors							
No Component	50%								
Ventilation									

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.

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

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

Mechanical	Current Repair	Future Replacement	M					
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority			
entilation								
Exhaust Fans								
Roof	10%	2026 \$900	2					
	Other Observation, Extent : Light	t, Area Affected : 100%						
	Location: 1st Floor							
	Explanation: Kitchen Exhaust							
Wall Unit	30%	2026 \$4,900	2	\$100				
No Component	60%							
umbing								
H/C Water Piping								
Brass/Copper	100%	2036 **	1					
	Not Insulated, Extent : Moderate, Location : All Floors	Area Affected : 80%						
Water Heater								
Electric	50%	2024 \$800	4					
	Other Observation, Extent : Light	t, Area Affected : 100%						
	Location : Roof							
	Explanation : Solar							
Gas Fired	50%	2024 \$1,300	2	\$100				
	Other Observation, Extent: Light, Area Affected: 100%							
	Location: Mechanical Room							
	Explanation: 2 - 75 Gallon Uni	its						
Sanitary Piping								
Cast Iron	100%	LIFE **	1					
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Main Drain							
	Explanation : Combination Dra	in, Backs Up During Heavy Rain						
Storm Drain Piping	400-1							
Cast Iron	100%	LIFE **	1					
Fixtures	1000/							
Generic	100%							

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 271/LADDER CO. 124

Address : 392 HIMROD STREET

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSECO.271 / 13158 Yr Built/Renovated : 1908 / 2008

Area Sq Ft : 13,108 Project Type : FIRE DEPARTMENT

Date of Survey : 03-Jun-2015 Landmark Status : EXTERIOR LANDMARK

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

Block : 3281 Lot : 22 BIN : 3074885

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$449,800	\$52,600
Interior Architecture	\$58,100	\$46,900
Electrical		\$170,600
Total	\$507,900	\$270,000
Importance Code A	\$449,800	\$52,600
Importance Code B	\$58,100	\$217,500
Total	\$507,900	\$270,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$81,400			
Interior Architecture	\$84,800		\$3,000	\$600
Electrical	\$4,700			\$100
Mechanical	\$10,600	\$10,300	\$13,700	\$5,500
Total	\$181,500	\$10,300	\$16,700	\$6,300
Importance Code A	\$82,700	\$1,300	\$1,300	\$1,300
Importance Code B	\$56,500	\$9,000	\$14,800	\$5,000
Importance Code C	\$42,400		\$600	
Total	\$181,500	\$10,300	\$16,700	\$6,300



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

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

Asset #: 13158

rchitecture	Current Repair	Future Replacement	Ma				
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority		
tterior Exterior Walls Masonry: Brick	62% Now \$372,100 Jnt Mortar Miss/Erod, Extent: Severe, Location: Throughout. Worn/Eroded, Extent: Moderate, Area		5	\$19,200			
Masonry: Granite	Location: Throughout 5% 4+ \$9,800 Broken/Missing Elements, Extent: Light Location: Front Facade At Grade Levels 1998.		5	\$1,200			
Masonry: Limestone	15% 0-2 \$10,900 Staining/Discoloring, Extent: Light, Ar. Location: Front Facade.	LIFE **	5	\$3,500			
Metal Panel	3% Now \$7,200 Corrosion/Rusting, Extent: Moderate, A Location: Stair Bulkhead On Roof Deformed/Dented, Extent: Moderate, A Location: Stair Bulkhead On Roof		5	\$1,700			
Stucco Cement	5% Now \$14,400 Cracking/Crumbling, Extent: Moderate Location: Front Facade @ Roof/Par		5	\$1,900			
Wood Overhead Doors	10%	2031 **	5	\$15,500			
Windows Aluminum	100% Now \$19,100 Broken/Missing Elements, Extent: Mod Location: Throughout Glazing Broken/Cracked, Extent: Mode Location: Toilet Room Third Floor.		5	\$1,100			
	Unit Inoperable, Extent : Moderate, Are Location : Throughout	ea Affected : 20%					
Parapets Cast Stone/Terra Cotta Masonry: Brick	15% LIFE ** 5-10 \$8,100 80% Now \$37,800 LIFE ** 5 \$1,500 Diagonal Cracks, Extent: Moderate, Area Affected: 5% Location: Front Facade/ West Parapet Jnt Mortar Miss/Erod, Extent: Moderate, Area Affected: 35% Location: Front Facade/ West Parapet Spalling, Extent: Moderate, Area Affected: 40% Location: Throughout						
Pre-Cast Concrete	5% Now \$3,700 Broken/Missing Elements, Extent: Light Location: Located At Front Facade. Jnt Mortar Miss/Erod, Extent: Moderate Location: Located @ Front Facade Worn/Eroded, Extent: Moderate, Area Location: Located @ Front Facade.	te, Area Affected : 100%	5	\$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.

Asset #: 13158

rchitecture	Current Repair			Futur	e Replacement	М	Maintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
kterior Roof								
Built-Up (BUR)	Location Water Per	Extent : Seve n : Through netration, E	\$10,500 ere, Area Affected out. xtent : Moderate, A or Lounge And Wor	Area Affe				
Skylight, Metal/Glass		_	\$39,900 Extent : Moderate, A of And Stair Bulkh		* * cted : 100%			
Skylight, Metal/Glass	5%			2036	* *	10	\$2,100	
terior								
Floors Cast in Place Concrete		Crumbling,	\$4,300 Extent : Light, Ard Side Basement.	LIFE ea Affecto	* * ed : 5%	5	\$16,900	
Ceramic Tile		issing Elem	\$900 eents, Extent : Ligh or Laundry Room A			5	\$400	
Quarry Tile	5%			2031	* *	5	\$1,300	
Vinyl Tile	Location Worn/Ero	n : 2nd And ded, Extent	\$23,500 nents, Extent : Mod 3rd Floors : Moderate, Area 3rd Floors			3	\$1,900	
Wood	15%			2029	* *	5	\$4,800	
Interior Walls							, ,	
Ceramic Tile	5%			2029	* *	5	\$1,200	
Gypsum Board	10%			LIFE	* *	5-10	\$4,000	
Masonry: Brick			\$19,700 extent : Moderate, A ext Foundation Wall		* * cted : 15%			
Plaster		_	\$3,000 nents, Extent : Ligh or Bunk Room And			5 Side.	\$2,100	
SGFT/Glazed Masonry	15% Broken/M	Now	\$14,700 nents, Extent : Mod	LIFE	* *			
SGFT/Glazed Masonry	10%			LIFE	* *	10	\$1,200	
Wood	10%		\$1,100 nents, Extent : Ligh	LIFE	* * ffected : 2%	5	\$9,500	
			e On The Engine/			usters.		

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

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

Asset #: 13158

Architecture	Current Repair		Futu	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	Location Staining/D	: 1st And 2 iscoloring,	\$1,500 nents, Extent : Light 2nd Floors Extent : Light, Are 2nd Floors			5	\$900	
Embossed Metal		U	\$8,100 eents, Extent : Light out 1st Floor	LIFE t, Area A	* * ffected : 8%	5	\$3,900	
Exposed Struc: Steel		0.	\$58,100 Extent : Severe, Area at (2) Sides.	LIFE a Affecte	* * d : 80%			
Plaster	Location Paint Peeli	: 3rd Floo ing, Extent	\$4,200 nents, Extent : Ligh or Workout Room. : Light, Area Affec or Workout Room A	rted : 5%	ó	5	\$3,800	

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
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$5,200	5	\$100	
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	\$52,200	5	\$300	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Molded Case Bkrs	80%			2025	\$33,000	5	\$300	
Molded Case Bkrs	20%			2042	* *	5	\$100	
Wiring								
Thermoplastic	100%			2036	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$400	

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 #: 13158

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type		Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2026	\$76,400	10	\$10,200	
	T-8 Lamps,	Extent : Light	ht, Area Affectea	!: 100%				
	Location :	Thoughout						
Fluorescent	10%			2026	\$9,000	10	\$1,200	
	T-12 Lamps	, Extent : Lig	ght, Area Affecte	ed: 100%	6			
	Location:	Thoughout						
Incandescent	5%	Now	\$4,500	2036	* *	2		
	Not in Servi	ice, Extent : 1	Moderate, Area	Affected	: 100%			
	Location :	Basement, I	Electrical Servic	e Side				
Exterior Lighting								
HID	75%			2031	* *	10		
No Component	25%							

Mechanical	Cu	rrent Repair	Futur	e Replacement	М		
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2046	* *	1		
Conversion Equipment							
Furnace	1%		2026	\$200	1	\$100	
		tion, Extent : Light, Area	Affected	: 100%			
	Location : E						
	Explanation	: Gas Fired Unit Heater					
Steam Boiler	99%		2039	* *	1	\$12,900	
Distribution							
Steam Piping/Pump	100%		2046	* *	4	\$1,000	
Terminal Devices							
Convector/Radiator	100%		2031	* *	1	\$4,200	
Air Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		
Conversion Equipment							
Window/Wall Unit	70%		2021	\$20,200	1		
No Component	30%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,600	
Exhaust Fans							
Roof	40%		2026	\$4,500	2	\$200	
Wall Unit	60%		2026	\$12,700	2	\$200	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2046	* *	1		

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

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

Mechanical	Current Repair	Future	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Gas Fired	100%	2021	\$3,300	2	\$200	
	Other Observation, Extent : Light,	Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 - 75 Gallon Unit	S				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2019	\$7,200	4	\$2,500	
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Generic	100%	2024	\$27,900	1-3	\$50,600	

Page: 198

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 276

Address : 1635 EAST 14th STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.276 / 13162 Yr Built/Renovated : 1910 /

Area Sq Ft : 13,000 Project Type : FIRE DEPARTMENT

Date of Survey : 28-Sep-2011 Landmark Status : NONE

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

Block : 6777 Lot : 64 BIN : 3182420

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$150,200	
Interior Architecture	\$88,900	
Electrical		\$72,400
Mechanical		\$114,500
Total	\$239,100	\$186,800
Importance Code A	\$150,200	
Importance Code B	\$88,900	\$186,800
Total	\$239,100	\$186,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$10,300		\$1,000	\$1,700
Interior Architecture	\$3,800			\$1,300
Electrical	\$2,800	\$7,700	\$2,100	\$900
Mechanical	\$17,200	\$3,000	\$2,200	\$3,000
Total	\$34,100	\$10,700	\$5,300	\$6,900
Importance Code A	\$11,500	\$1,300	\$2,300	\$3,000
Importance Code B	\$20,300	\$9,400	\$3,000	\$4,000
Importance Code C	\$2,300			
Total	\$34.100	\$10,700	\$5,300	\$6,900



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

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

Asset #: 13162

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Masonry: Brick		issing Elem	\$4,800 nents, Extent : Mod	LIFE erate, Ar	* * rea Affected : 5%	5	\$8,200	
	Location	ı : Street Fo	acade At Door					
Masonry: Granite	3%			LIFE	* *	5	\$200	
Masonry: Limestone	3%			LIFE	* *	5	\$200	
Metal Sect. OHD	10%			2040	* *	5	\$3,300	
	Location	ı : Main En	Extent : Light, Area trance nt Replacement	Affected	: 100%			
Wood	7%		\$3,800	2040	* *	5	\$1,900	
	Other Obs Location	servation, E 1 : Front Fa	Extent : Moderate, A	Area Affe		3	\$1,900	
Windows								
Aluminum	100%			2039	* *	5	\$2,000	
Parapets Masonry: Brick			\$54,100 : Severe, Area Affe	LIFE ected : 60	* *	5	\$1,000	
Masonry: Limestone	30%		\$49,100	LIFE	* *	5	\$600	1
Metal Cornice	Location Spalling, I	ı : Through Extent : Sev ı : Through	ere, Area Affected		Affected : 20% ***			
	Broken/M		nents, Extent : Mod		ea Affected : 100%	6		
Roof								
Asphalt Shingle	5%			2032	* *	10	\$100	
Built-Up (BUR)	Location Gravel/Slo Location Worn/Ero	esent, Exten 1 : ag Surface, 1 :	\$47,000 int : Moderate, Area Extent : Moderate, : Severe, Area Affa	Area Af	fected : 55%			
Interior			<u> </u>					
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$17,000	
Ceramic Tile		place Evide 1 : All Bath	ent, Extent : Light, . rooms	2036 Area Affa	* * ected : 100%	5	\$1,000	
Vinyl Tile	55% Worn/Ero	0-2 ded, Extent	\$88,900 : Moderate, Area a out 2nd Floor,3rd		* *	3	\$4,000	

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

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

Asset #: 13162

Architecture		Current I	Repair	Futur	re Replacement	M	aintenance	Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior Interior Walls								
Ceramic Tile	35%			2036	* *	5	\$5,200	
Ceranne The		nlace Evid	ent, Extent : Light,		ected · 100%	3	ψ3,200	
	-	: All Bath		111 ca 11 _J	. 10070			
Concrete Masonry Unit	5%			LIFE	* *	5	\$300	
Embossed Metal	10%			2051	* *	10	\$600	
Masonry: Brick	10%			LIFE	* *			
Plaster	40%	Now	\$2,300	LIFE	* *	5	\$1,800	
	Vertical C Location Water Pen	a : Hose To	ent : Severe, Area A wer Extent : Severe, Are					
Ceilings	250/			LIEE	* *	~	Φ4.200	
Ceramic Tile	35%			LIFE	**	5	\$4,300	
Exposed Struc: Steel	35% 30%	0-2	¢1.500	LIFE LIFE	**	5	¢2.600	
Plaster	Cracking/	Crumbling,	\$1,500 Extent : Severe, A d Floor Stair			3	\$3,600	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway Cast in Place Concrete	100%	Now	\$1,300	2040	* *			
Cast in Frace Concrete	Tripping F		tent : Severe, Area					

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
nder 600 Volts								
Service Equipment								
Fused Knife Sw	100%			2023	\$4,700	5	\$100	
Raceway								
Busway	2%			2036	* *	1		
Conduit	98%			2023	\$30,000	1		
Panelboards								
Molded Case Bkrs	95%			2022	\$35,800	5	\$300	
Molded Case Bkrs	5%			2039	* *	5		
Wiring								
Thermoplastic	98%			2023	\$26,600	1		
Thermoplastic	2%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	\$14,100	5	\$100	

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.

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

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

Asset #: 13162

Current Repair	Future	Replacement	М	aintenance	
% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%	2028	* *	5	\$400	
100%	2036	* *	1	\$4,000	
			1	\$5,000	
	Area Affected	: 100%			
Explanation : 64 Kw					
1000/	2015	φ4. π 00	_	Φ	
100%	2017	\$1,500	5	\$500	
1000/	2020	ماد ماد	-	Φ2 400	
			5	\$2,400	
	Area Affectea	: 100%			
Explanation: 73 Gations					
15%	2023	\$36,600	10	\$5.400	
			10	Ψ5,+00	
9	irea rijjeerea	. 10070			
_					
	2028	* *	10	\$6,600	
		· 100%	10	φ0,000	
9	nearly cerea	. 10070			
100%	2023	\$6,200	1		
		+ - , - 3 0			
50%	2023	\$24,000	10		
50%		. ,			
	% of Fail Date Estimated C Total (Years) 100% 100% 100% Other Observation, Extent: Light, A Location: Basement Explanation: 64 Kw 100% Other Observation, Extent: Light, A Location: Basement Explanation: 75 Gallons 45% Other Observation, Extent: Light, A Location: Throughout Explanation: Mostly T-12 55% Other Observation, Extent: Light, A Location: Throughout Explanation: Mostly T-8 100% 50%	100% 2038 100% 2036 100% 2032 Other Observation, Extent: Light, Area Affected Location: Basement Explanation: 64 Kw 100% 2017 100% 2017 100% 2017 100% 2017 2028 Other Observation, Extent: Light, Area Affected Location: Basement Explanation: 75 Gallons 45% 2023 Other Observation, Extent: Light, Area Affected Location: Throughout Explanation: Mostly T-12 55% 2028 Other Observation, Extent: Light, Area Affected Location: Throughout Explanation: Mostly T-12 55% 2028 Other Observation, Extent: Light, Area Affected Location: Throughout Explanation: Mostly T-8 100% 2023	100% 2028 ** 100% 2036 ** 100% 2032 ** 100% 2032 ** 100% 2032 ** 100% 2032 ** 100% 2031 ** 100% 2017 \$1,500 100% 2039 ** 100% 2039 ** Other Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : 75 Gallons 45% 2023 \$36,600 Other Observation, Extent : Light, Area Affected : 100% Location : Throughout Explanation : Mostly T-12 55% 2028 ** Other Observation, Extent : Light, Area Affected : 100% Location : Throughout Explanation : Mostly T-8 100% 2023 \$6,200 50% 2023 \$44,000	No of Total Fail Date Estimated Cost FY Estimated Cost Cycle FY	Year Estimated Cost Year Estimated Cost Year Estimated Cost Year FY Estimated Cost Year Stimated Cost Year Ye

Mechanical	Curi	ent Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
Conversion Equipment							
Steam Boiler	100% No	w \$1,200	2036	* *	1	\$11,600	
	Other Observati	on, Extent : Severe, Are	a Affecte	d : 100%			
	Location: Chi	mney					
	Explanation:	Openings In Chimney A	t The Ba	sement Level, Brok	en Flue I	Liner	
Distribution							
Steam Piping/Pump	100%		2043	* *	4	\$600	

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

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

Asset #: 13162

Mechanical	Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating							
Terminal Devices							
Convector/Radiator	80%		2028	* *	1	\$3,400	
Unit Heater-Stm/HW	20%		2023	\$16,400	4	\$200	
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location : Engine Ba	ty					
	Explanation: Unit H	eaters Serve Eng	ine Bay				
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Int Pkg Unit - Cooling	70%		2024	\$114,500	2	\$600	
. 6	Other Observation, Ex	tent : Light, Area			-	+ - 3 0	
	Location : Bunk Room	_	00				
	Explanation : Split U	nit					
Int Pkg Unit - Cooling	5% Now	\$8,200	2028	* *	2		
Int Fkg Onit - Cooling	Other Observation, Ex				2		
	Location : Basement	ieni . severe, Are	и Ајјесте	a. 10070			
			1.111				
	Explanation: Unit B	roken, water Coo	пеа Опи				
No Component	25%						
Heat Rejection							
Remote Air Cond	70%		2028	* *	2	\$6,300	
No Component	30%						
Ventilation Pentilation							
Exhaust Fans							
Interior	100%		2023	\$14,000	2	\$400	
lumbing							
H/C Water Piping							
Brass/Copper	100%		2033	* *	1		
Water Heater							
Gas Fired	100%		2021	\$3,000	2	\$200	
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location: Basement						
	Explanation: 2 Units	s, 74 Gallons Eac	h				
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)	100,0						
Submersible	100%		2017	\$6,500	4	\$2,500	
	100/0		2017	\$0,500		Ψ2,300	
Fixtures	1000/						
Generic	100%						

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

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

Page: 203

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 277/LADDER CO. 112

Address : 582 KNICKERBOCKER AVENUE @ PALMETTO ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.277 / 13163 Yr Built/Renovated : 2007 /

Area Sq Ft : 15,756 Project Type : FIRE DEPARTMENT

Date of Survey : 21-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 3343 Lot : 29 BIN : 3076461

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$156,700
Total		\$156,700
Importance Code A		\$156,700
Total		\$156,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				\$18,100
Interior Architecture	\$2,300			\$1,500
Electrical	\$1,100	\$1,100	\$3,100	\$1,200
Mechanical	\$5,400	\$2,500	\$3,600	\$2,100
Total	\$8,800	\$3,600	\$6,800	\$22,800
Importance Code A	\$800	\$800	\$800	\$18,900
Importance Code B	\$7,200	\$2,800	\$6,000	\$3,900
Importance Code C	\$800			
Total	\$8,800	\$3,600	\$6,800	\$22,800



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

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

Asset #: 13163

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$4,000	
Pre-Cast Concrete	75%			LIFE	* *	5	\$156,700	
Window Wall	15%			2050	* *	5	\$36,200	
Windows								
Aluminum	100%			2046	* *	5	\$1,000	
Parapets								
Pre-Cast Concrete	95%			LIFE	* *	5	\$22,800	
Pre-Cast Concrete	5%			LIFE	* *	5	\$1,200	
Roof								
Modified Bitumen	100%			2032	* *	10	\$12,800	
nterior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$25,800	
Vinyl Tile	50%			2032	* *	3	\$5,900	
Interior Walls								
Cast in Place Concrete	30%			LIFE	* *			
Ceramic Tile	5%			2037	* *	5	\$1,700	
Gypsum Board	65%			LIFE	* *	5	\$13,200	
Ceilings								
AcousTileSusp.Lay-In	55%			2041	* *	5	\$13,000	
Exposed Struc: Steel	35%			LIFE	* *		, ,	
Gypsum Board	10%			LIFE	* *	5	\$2,900	
			xtent : Light, Area	Affected	: 5%		, ,, , , , , ,	
			or Near Kitchen					
ite Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2041	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2041	* *			

Electrical	Current Repair	Future Replacement	t M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estimated Co FY	cst Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts					
Service Equipment					
Fused Disc Sw	100%	2050 *	* 5	\$100	
	Other Observation, Extent : Modera	te, Area Affected : 100%			
	Location : Electrical Room				
	Explanation : Main Service Protec	ctor Rated @ 800 Amps			
Switchgear / Switchboard					
Fused Disc Sw	100%	2050 *	* 5	\$100	
Raceway					
Conduit	100%	2050 *	* 1		
Panelboards					
Molded Case Bkrs	100%	2046 *	* 5	\$400	

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

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

Asset #: 13163

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring						
Thermoplastic	100%	2050	* *	1		
Motor Controllers						
Locally Mounted	100%	2041	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
	Other Observation, Extent	: Moderate, Area Affec	rted : 100%			
	Location: Basement					
	Explanation: Connected	To Main Water Pipe				
Stand-by Power						
Transfer Switches						
Automatic	100%	2041	* *	1	\$4,900	
Generators						
Diesel	100%	2037	* *	1	\$6,100	
	Other Observation, Extent	: Moderate, Area Affec	rted : 100%			
	Location : Generator Roc	om .				
	Explanation: 100 Kva Or	nan Cummims Genset				
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$600	
Fuel Storage						
Main Tank	100%	2059	* *	5	\$500	
	Other Observation, Extent	: Moderate, Area Affec	ted : 100%			
	Location : Generator Roc	om .				
	Explanation: 275 Gallon	S				
Lighting						
Interior Lighting						
Fluorescent	100%	2032	* *	10	\$14,500	
	Other Observation, Extent	: Moderate, Area Affec	rted : 100%			
	Location : Throughout Th	e Building				
	Explanation: T-8 Lamps					
Egress Lighting						
Emergency, Battery	5%	2032	* *	10	\$200	
Exit, Service	95%	2032	* *	1		
Exterior Lighting						
HID	100%	2029	* *	10		

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Heating Energy Source				
Natural Gas	100%	2050 **	1	

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

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

Asset #: 13163

Mechanical	Current Re	pair Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Hot Water Boiler	100% Other Observation, Ext Location : Basement Explanation : 2 Units		* * 1 : 100%	1	\$7,800	
Distribution Hot Wtr Bining/Bump	100%	2046	* *	4	\$1,200	
Hot Wtr Piping/Pump Terminal Devices	100%	2040		4	\$1,200	
Air Handler	30%	2029	* *	1	\$2,900	
Convector/Radiator	40%	2037	* *	1	\$2,000	
Unit Heater-Stm/HW	30%	2029	* *	4	\$600	
Air Conditioning						
Energy Source Electricity	100%	2046	* *	1		
Conversion Equipment Reciprocating Compr/Chiller	10%	2029	* *	1	\$700	
•	R-22 Refrigerant, Extended Location: Roof	nt : Light, Area Affected .	10%			
Ext Pkg Unit - Heating/Cooling	80%	2029	* *	2	\$800	
	Location: Roof	nt : Light, Area Affected . ent : Light, Area Affected				
Window/Wall Unit	10%	2022	\$3,200	1		
Terminal Devices Direct Expansion No Component	10% 90%	2029	* *	1		
Heat Rejection Remote Air Cond No Component	10% 90%	2029	* *	2	\$1,100	
Ventilation						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$8,800	
Exhaust Fans Roof	100%	2029	* *	2	\$500	
Plumbing H/C Water Piping Brass/Copper	100%	2050	* *	1		
Water Heater Gas Fired	100% Other Observation, Ex	2023 tent : Light, Area Affected	\$3,600 l:100%	2	\$200	
	Location: Basement 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.

Mechanical	C	urrent Repa	air	Future	e Replacement	Ma	aintenance	
System Component Type		il Date Est Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	Now	\$700	LIFE	* *	1		
	Leak Evident	, Extent : Se	vere, Area Affe	cted : 5%	ó			
	Location:	Leaking Fron	n 1st Floor To	Basemen	t Boiler Room			
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	\$2,200	2029	* *	4	\$1,600	
	Corroded, Ex	tent : Moder	rate, Area Affe	cted : 20%	6			
	Location:	Housing Of T	The Sump Pum	p, Basem	ent Boiler Room			
Backflow Preventer								
Generic	100%			2032	* *	1	\$1,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	\$4,400	
Chemical System								
No Component	98%							
Generic	2%			2022	\$500	1-3	\$1,000	

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

Page: 208

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 279/LADDER CO. 131

Address : 252 LORRAINE STREET

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 10,548 Project Type : FIRE DEPARTMENT

Date of Survey : 28-Sep-2011 Landmark Status : NONE

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

Block : 486 Lot : 18 BIN : 3008207

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$63,500	_
Electrical		\$30,100
Total	\$63,500	\$30,100
Importance Code B		\$30,100
Importance Code C	\$63,500	, ,
Total	\$63,500	\$30,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		\$300		\$2,000
Interior Architecture	\$49,300	\$700	\$1,200	
Electrical	\$100	\$29,300		
Mechanical	\$9,200	\$3,800	\$4,400	\$1,400
Total	\$58,600	\$34,200	\$5,600	\$3,500
Importance Code A	\$1,000	\$1,400	\$1,000	\$3,100
Importance Code B	\$48,600	\$32,500	\$4,500	\$400
Importance Code C	\$9,000	\$300		
Total	\$58,600	\$34,200	\$5,600	\$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.

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
Exterior							
Exterior Walls							
Masonry: Brick	70%		LIFE	* *	5	\$22,500	
	Recent Repair Evid Location : All Fac	ent, Extent : Light, A cades	rea Affec	eted : 100%			
Masonry: Granite	5%		LIFE	* *	5	\$1,200	
Masonry: Limestone	10%		LIFE	* *	5	\$2,400	
Stucco Cement	5%		2040	* *	5	\$4,000	
	Recent Repair Evid Location : Hose R	ent, Extent : Light, A loom Exterior	rea Affec	eted : 100%			
Wood Overhead Doors	10%		2036	* *	5	\$16,100	
Windows							
Aluminum	100%		2048	* *	5	\$700	
	Recent Replace Evil Location : All Wir	_	Area Affe	ected : 100%			
Parapets							
Cast Stone/Terra Cotta	30%		LIFE	* *	5	\$2,700	
	Recent Replace Evil Location : All Cop	dent, Extent : Light, ping Stones	Area Affe	ected : 100%			
Masonry: Brick	70%		LIFE	* *	5	\$800	
	Recent Replace Evil Location : All Par	dent, Extent : Light, capet Walls	Area Affe	ected : 100%			
Roof							
Built-Up (BUR)	100%		2033	* *	10	\$9,900	
	Recent Replace Evi Location : Main R	dent, Extent : Light, oof	Area Affe	ected : 100%			
nterior							
Floors Cast in Place Concrete	30%		LIFE	* *	5	\$10,400	
Cast in Place Concrete Ceramic Tile	5%		2038	* *	<i>5</i>	\$10,400	
Ceranne The		dent, Extent : Light,			5	φουσ	
	Location : All Bat	_					
Quarry Tile	5%		2036	* *	5	\$1,200	
Vinyl Tile	60%		2031	* *	3	\$3,600	
-	=	dent, Extent : Light,	Area Affe	ected : 50%			
	Location : Second	And Third Floors					

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

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

Asset #: 13165

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
Interior							
Interior Walls Ceramic Tile	5% Recent Replace Evido Location : All Bath		2038 Area Affa	* * ected : 100%	5	\$500	
Masonry: Brick	40% Now Spalling, Extent: Sev Location: Basemen Vertical Cracks, Exte Location: Bearing	nt ent : Severe, Area A	ffected :	**			
Plaster	55% Now Cracking/Crumbling, Location : 3rd Floo Water Penetration, E Location : 3rd Floo	or Extent : Moderate, A		-	5	\$1,700	
Ceilings							
AcousTileSusp.Lay-In Exposed Concrete	5% 20% Now Cracking/Crumbling, Location: Rear Wa		2036 LIFE rea Affec	* * * * rted : 100%	5 5	\$800 \$500	
	Exposed Reinforceme Location : Rear Wa		, Area A <u>j</u>	fected : 100%			
Plaster	75% Now Cracking/Crumbling, Location: 3rd Floo		LIFE , Area Aj	* * ffected : 20%	5	\$7,400	
	Water Penetration, E Location : 3rd Floo		rea Affe	cted : 20%			
Site Enclosure							
Fence/Gates	1000/		20.42	* *			
Chain link	100%		2043	* *			
Free Standing Walls Masonry: Brick	100%		2043	* *			
Site Pavements							
Parking/Driveway Cast in Place Concrete	100%		2036	* *			

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts				
Service Equipment				
Fused Disc Sw	100%	2043 **	5	
	Other Observation, Extent : Light, Area	ı Affected : 100%		
	Location: Basement			
	Explanation: 200 Amps.			

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

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

Asset #: 13165

Electrical	Current Repair	Future R	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts		•				
Raceway						
Conduit	80%	2023	\$24,500	1		
Conduit	20%	2043	* *	1		
Panelboards						
Molded Case Bkrs	80%	2022	\$30,100	5	\$200	
Molded Case Bkrs	20%	2031	* *	5	\$100	
Wiring						
Thermoplastic	20%	2043	* *	1		
Thermoplastic	80%	2033	* *	1		
Motor Controllers						
Locally Mounted	100%	2021	\$14,100	5	\$100	
Ground						
Grounding Devices						
Metal Water Pipe	50%	2028	* *	5	\$200	
	Other Observation, Extent: Mode		d: 100%			
	Location: Basement Near Water	r Service.				
	Explanation : Main Electric Ser	vice Ground.				
Metal Water Pipe	50%	2028	* *	5	\$200	
-	Other Observation, Extent : Mode	rate, Area Affecte	d: 100%			
	Location: Basement Near Water	r Service.				
	Explanation: Ground For Fire	Alarm Fuse Cutou	ıt.			
Lighting						
Interior Lighting						
Fluorescent	100%	2028	* *	10	\$9,700	
	Other Observation, Extent: Light,	Area Affected : 1	00%			
	Location: Throughout					
	Explanation: Mostly T-8					
Egress Lighting						
Exit, Service	10%	2023	\$100	1		
No Component	90%					
Exterior Lighting						
HID	50%	2018	\$19,500	10		
No Component	50%					

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Steam Boiler	100%	2028	* *	1	\$10,500	
	Other Observation, Extent : Light, Ar	ea Affected	! : 100%			
	Location: Basement					
	Explanation: 4 Units Piped Togethe	er .				

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

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

Asset #: 13165

Mechanical	Current Repair	Future	Future Replacement Maintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating							
Distribution							
Steam Piping/Pump	100%	2033	* *	4	\$800		
Terminal Devices							
Convector/Radiator	90%	2028	**	1	\$3,100		
Unit Heater-Stm/HW	10%	2023	\$6,700	4	\$100		
	Other Observation, Extent: Light, Are	a Affected :	100%				
	Location: Engine Bays						
Air Conditioning	Explanation : Unit Heaters Serve Tri	иск вауѕ					
Air Conditioning Energy Source							
Electricity	100%	2045	* *	1			
Conversion Equipment	10070	2043		1			
Ext Pkg Unit - Cooling	100%	2033	* *	2	\$600		
Extrag Chit Cooling	Recent Installation, Extent: Light, Are		100%	2	φοσο		
	Location: Roof	airijjeetea .	10070				
	Other Observation, Extent : Light, Are	a Affected :	100%				
	Location: Roof	a 1199 coroa 1	100,0				
	Explanation: Unit Uses R410 A						
Distribution							
Ductwork/Diffusers	80%	LIFE	* *	2	\$11,000		
	Recent Installation, Extent : Light, Are	a Affected :	100%		, ,		
	Location: 2nd And 3rd Floor						
No Component	20%						
Ventilation							
Exhaust Fans							
Interior	100%	2023	\$11,400	2	\$300		
Plumbing							
H/C Water Piping							
Brass/Copper	100%	2033	* *	1			
	No Water Meter, Extent : Light, Area A	Affected: 10	00%				
	Location : Basement						
Water Heater							
Gas Fired	100%	2018	\$2,400	2	\$200		
	Other Observation, Extent : Light, Are	a Affected :	100%				
	Location: Basement						
	Explanation: 1 Unit 75 Gallons						
Sanitary Piping	1000/	T TEN	ata				
Cast Iron	100%	LIFE	* *	1			
Storm Drain Piping	1000/	Time	ታ 45	1			
Cast Iron	100%	LIFE	* *	1			
Sump Pump(s)	1000/	2017	\$6.500	4	ΦΩ Ξ ΩΩ		
Submersible	100%	2017	\$6,500	4	\$2,500		
Backflow Preventer	1000/	2021	* *	1	ф 7 00		
Generic	100%	2031	· · ·	1	\$700		
Fixtures	1000/						
Generic	100%						

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

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

Page: 213

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 281/LADDER CO. 147

Address : 1210 CORTELYOU ROAD

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.281 / 13167 Yr Built/Renovated : 1912 /

Area Sq Ft : 10,106 Project Type : FIRE DEPARTMENT

Date of Survey : 28-Sep-2011 Landmark Status : NONE

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

Block : 5155 Lot : 4 BIN : 3118638

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$131,200	
Interior Architecture		\$106,500
Electrical		\$83,500
Total	\$131,200	\$190,000
Importance Code A	\$131,200	
Importance Code B		\$126,400
Importance Code C		\$63,500
Total	\$131,200	\$190,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$17,000	\$4,900	\$9,200	
Interior Architecture	\$42,700	\$1,900		\$900
Electrical	\$7,400	\$9,600		
Mechanical	\$8,800	\$1,300	\$2,500	\$1,300
Total	\$75,900	\$17,700	\$11,600	\$2,200
Importance Code A	\$18,000	\$6,000	\$10,200	\$1,000
Importance Code B	\$26,500	\$11,700	\$1,400	\$1,200
Importance Code C	\$31,400			
Total	\$75,900	\$17,700	\$11,600	\$2,200



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

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

Asset #: 13167

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior	•			•				•
Exterior Walls								
Masonry: Brick	77%			LIFE	* *	5	\$30,300	
Masonry: Granite	3%			LIFE	* *	5	\$900	
Masonry: Limestone	15%			LIFE	* *	5	\$4,400	
Wood Overhead Doors	5%			2028	* *	5	\$9,800	
Windows								
Aluminum	100%	Now	\$86,700	2048	* *	5	\$1,100	
	-		ent : Severe, Area A	Affected :	50%			
		: Through						
			xtent : Moderate, A	Area Affe	cted: 5%			
			Floor Bathroom					
			Extent : Severe, Are	a Affecte	ed: 100%			
		: Through			4.15	<i>m</i>		
D	Explana	tion : Wind	ows Are Old, Singl	e-glazed	And Deteriorated.	They Sh	ould Be Replaced	
Parapets Cast Stone/Terra Cotta	50/			LIDE	* *	5	¢1 500	
	5% 80%	0-2	\$17,000	LIFE LIFE	* *	5 5	\$1,500 \$3,000	
Masonry: Brick						3	\$3,000	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20% Location : Throughout						
		_	derate, Area Affect	ted · 20%	6			
	-	: Main Ro		ca . 207	v			
Masonry: Sandstone	15%		-J	LIFE	* *	5	\$700	
Roof	1570						Ψ,00	
Roll Roofing	100%			2019	\$44,400	5	\$18,400	
terior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$13,200	
Ceramic Tile	15%			2026	\$42,900	5	\$2,300	
Vinyl Tile	45%	0-2	\$11,300	2028	* *	3	\$2,600	
			: Moderate, Area	Affected	: 15%			
	Location	: Second A	And Third Floors					
Interior Walls								
Ceramic Tile	10%			2026	\$63,500	5	\$2,400	
Masonry: Brick	35%	Now	\$31,400	LIFE	* *			
			xtent : Moderate, A		cted : 70%			
	Location	: Rear An	d Front Basement	Walls				
Plaster	55%			LIFE	* *	5	\$3,900	
Ceilings								
AcousTileSusp.Lay-In	25%			2028	* *	5	\$3,800	
Exposed Struc: Steel	25%			LIFE	* *			
Plaster	50%			LIFE	* *	5	\$4,700	

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

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 #: 13167

	Current	Repair	Future Replacement Maintenance		aintenance		
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Location	: Basemer	ıt	2023 Affected	\$4,700 : 100%	5	\$300	
100%		mps.	2023	\$47,700	5	\$300	
				. ,			
100%			2023	\$30,600	1		
	-		-	**	5		
95%			2022	\$35,800	5	\$300	
	0		2048 ffected :	**	1		
80%			2023	\$21,700	1		
100%			2028	**	5	\$100	
100%			LIFE	* *	5	\$100	
100%			2028	* *	10	\$9,300	
Location	: Through	nout	Affected	: 100%			
30% 70%			2028	* *	10		
	100% Other Obs Location Explanar 100% 100% 5% Covers Mi Location 95% Insulation Location 80% 100% 100% 100% 100% 20% 100%	% of Fail Date Total (Years) 100% Other Observation, Elecation: Basemer Explanation: 350 A 100% 5% Now Covers Missing, Exterest Location: Basemer 95% 20% Now Insulation Aged, Exterest Location: Basemer 80% 100%	Total (Years) 100% Other Observation, Extent: Light, Area Location: Basement Explanation: 350 Amps. 100% 100% 5% Now \$1,900 Covers Missing, Extent: Severe, Area A Location: Basement And Housewatch 95% 20% Now \$5,400 Insulation Aged, Extent: Severe, Area A Location: Basement 80% 100% 100% 100% Other Observation, Extent: Light, Area Location: Throughout Explanation: Mostly T-8	Now State Severe Area Affected	100% 2023 \$4,700	Now	Sestimated Cost Fail Date Estimated Cost Fail Date (Years) Fail Date (Year

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2049	* *	1		
	Recent Replace Evid	ent, Extent : Light, I	Area Aff	ected : 100%			
	Location : Total H	ouse					
Conversion Equipment							
Steam Boiler	100%		2036	* *	1	\$10,000	
Distribution							
Steam Piping/Pump	100%		2043	* *	4	\$500	

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

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

Mechanical	Current	Current Repair		Future Replacement Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Terminal Devices							
Convector/Radiator	100%		2036	* *	1	\$3,300	
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Window/Wall Unit	100%		2021	\$20,300	1		
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,600	
Exhaust Fans							
Interior	100%		2023	\$10,900	2	\$300	
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%		2036	* *	1		
Water Heater							
Gas Fired	100%		2021	\$2,300	2	\$100	
	Other Observation, I	-	Affected	: 100%			
	Location : Basemer						
	Explanation: 2 - 7.	5 Gallon Units					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2017	\$6,500	4	\$2,500	
Fixtures							
Generic	100%						

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 282/LADDER CO. 148

Address : 4210 12th AVENUE

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSECO.282 / 13168 Yr Built/Renovated : 1912 / 2003

Area Sq Ft : 13,756 Project Type : FIRE DEPARTMENT

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

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

Block : 5597 Lot : 44 BIN : 3135859

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$53,500	
Electrical		\$64,600
Total	\$53,500	\$64,600
Importance Code A	\$53,500	
Importance Code B		\$64,600
Total	\$53,500	\$64,600

\$87,400 \$16,300	\$9,400	\$12,100	\$4,300 \$1,000
\$87,400	\$9,400	\$12,100	\$4,300
\$37,700	\$2,500	\$700	\$700
\$141,400	\$11,900	\$12,800	\$6,000
\$29,900	\$9,400	\$12,100	\$5,000
\$300			
\$74,100	\$700	\$700	\$1,000
\$37,000	\$1,800		
FY 2017	FY 2018	FY 2019	FY 2020
	\$37,000 \$74,100 \$300 \$29,900 \$141,400	\$37,000 \$1,800 \$74,100 \$700 \$300 \$29,900 \$9,400 \$141,400 \$11,900	\$37,000 \$1,800 \$74,100 \$700 \$700 \$300 \$29,900 \$9,400 \$12,100 \$141,400 \$11,900 \$12,800



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

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

Asset #: 13168

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
exterior							
Exterior Walls	000/ 11	Φ52.500	LIDE	ale ale	-	φ10. 2 00	
Masonry: Brick	80% Now	\$53,500	LIFE	* *	5	\$18,200	
	Spalling, Extent : Mod Location : At Parap						
Masonry: Granite	5% 4+	\$2,600	LIFE	* *	5	\$900	
	Staining/Discoloring, Location : Front Fa		e, Area Afj	fected : 10%			
Masonry: Limestone	10%		LIFE	* *	5	\$3,400	
	Staining/Discoloring, Location : Front Fa	_	ea Affecte	d : 2%			
Metal Sect. OHD	5%		2043	* *	5	\$3,500	
Windows							
Aluminum	100% 4+	\$2,500	2048	* *	5	\$1,500	
	Hardware Missing, E			: 15%			
D	Location : 2nd Floo	r Latches Loose O	r Broken				
Parapets Masonry: Brick	85% Now	\$6,400	LIFE	* *	5	\$2,300	
Masonry. Brick	Efflorescence, Extent	' /			3	\$2,300	
	Location: Various			,			
Masonry: Limestone	15% Now	\$4,100	LIFE	* *	5	\$500	
	Broken/Missing Elem Location: Coping S	ents, Extent : Ligh	t, Area Af			Ψ. σ.	
Roof							
Modified Bitumen	100% 4+	\$19,600	2031	* *			
	Alligatoring, Extent:	-	ed : 10%				
	Location : All Seam			20 1 50/			
	Drains Inad/Misposn,		e, Area A <u>f</u>	fected : 5%			
	Location : Through Water Penetration, E.	-	Amon Afford	404 . 200/			
	Location : Lower Ro		теи Ајјес	iea . 20%			
nterior	Eccuron : Ecwer Ro	<i>-</i>					
Floors							
Cast in Place Concrete	44%		LIFE	* *	5	\$28,400	
Ceramic Tile	9%		2039	* *	5	\$1,300	
Wood	47% Now	\$22,400	2054	* *	5	\$6,500	
	Deteriorated Finish, Location: 2nd And		Area Affe	ected : 35%			
Interior Walls	Location : 2na Ana	Sra Fioor					
Ceramic Tile	10%		2035	* *	5	\$2,000	
Gypsum Board	35%		LIFE	* *	5-10	\$12,100	
Masonry: Brick	55% 4+	\$8,500	LIFE	* *	2 10	ψ12,100	
	Efflorescence, Extent Location: 3rd Floo	: Moderate, Area	Affected :	5%			
	Worn/Eroded, Extent						
	Location : Basemen						

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

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

Asset #: 13168

Architecture	C	urrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	10%		2043	* *	5	\$1,500	
Exposed Struc: Steel	20%		LIFE	* *	10	\$5,900	
Gypsum Board	25%		LIFE	* *	5-10	\$12,700	
Plaster	45%		LIFE	* *	5-10	\$11,400	

Electrical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2046	* *	5	\$100	
		ervation, Extent : Light, Area	Affected	l : 100%			
	Location	: Basement					
	Explana	tion: 400 Amps.					
Switchgear / Switchboard							
Fused Disc Sw	100%		2046	* *	5	\$100	
Raceway							
Conduit	100%		2046	* *	1		
Panelboards							
Fused Disc Sw	30%		2034	* *	5	\$100	
Molded Case Bkrs	70%		2042	* *	5	\$300	
Wiring							
Thermoplastic	100%		2046	* *	1		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$400	
Lighting							
Interior Lighting							
Fluorescent	75%		2026	\$64,600	10	\$9,500	
	-	Fluorescent Light, Extent : Lig	ht, Area	Affected : 100%			
	Location	: Throughout Building					
Fluorescent	25%		2031	* *	10	\$3,200	
	T-8 Lamps	s, Extent : Light, Area Affected	l : 100%			. , -	
		: Basement And First Floor					
Egress Lighting							
Exit, LED	100%		2041	* *	1		
Exterior Lighting							
HID	100%		2031	* *	10		

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

Heating

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

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

Asset #: 13168

Mechanical		Current Repair			Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment	# 00/			2021	ماد ماد		Φ2.400	
Furnace	50%			2031	* *	1	\$3,400	
Hot Water Boiler	50%			2039	* *	1	\$3,400	
Distribution Ductwork/Diffusers	500/			LIEE	* *	2.5	¢6 100	
Ductwork/Diffusers		aning, Exte	ent : Moderate, Are oout	LIFE a Affected		2-5	\$6,100	
Hot Wtr Piping/Pump	50% Leak Evid		\$1,700 : Light, Area Affec	2042 ted : 1009	**	4	\$300	
	Location	: Radiato	r Valves					
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	\$4,400	
Air Conditioning								
Energy Source	1000/			2042	* *	1		
Electricity Conversion Equipment	100%			2042		1		
Ext Pkg Unit - Heating/Cooling	100%	Now	\$4,400	2031	* *	2	\$700	
	Location	: Through			d : 100%			
	Explana	tion : Ongo	oing Control Proble	ems				
Distribution Ductwork/Diffusers	75% Needs Cle		\$10,700 ent : Moderate, Are	LIFE va Affecte	* * d : 100%	2	\$13,400	
	Location	: Through	out					
Ductwork/Diffusers	25%			LIFE	* *	2	\$5,600	
Ventilation Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,100	
Exhaust Fans								
Roof	40%			2026	\$4,300	2	\$200	
Roof	60%			2031	* *	2	\$300	
Plumbing H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	Location	: Circulat	\$300 ent : Light, Area Aff ing Pump Seized Extent : Light, Area			2	\$200	
	Location	: Basemer	· ·	JJ 7				
Sanitary Piping	Бърши	2 - 10	Jo Janon Onns					
	100%			LIFE	* *	1		
Cast Iron	100%			LIFE	* *	1		

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

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

Asset #: 13168

Mechanical	Current Repair	Future	e Replacement	Maintenance			
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Plumbing							
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1			
Sump Pump(s)							
Rigid Piping	100%	2031	* *	4	\$1,600		
	Other Observation, Extent:	Light, Area Affected	: 100%				
	Location: Basement						
	Explanation : Duplex Uni	t With Alarm					
Backflow Preventer							
Generic	100%	2031	* *	1	\$800		
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
Generic	100%	2024	\$25,500	1-3	\$50,600		

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 283

Address : 885 HOWARD AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIRSECO.283 / 13169 Yr Built/Renovated : 1974 /

Area Sq Ft : 11,898 Project Type : FIRE DEPARTMENT

Date of Survey : 03-Oct-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3580 Lot : 20 BIN : 3081953

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$501,000	
Interior Architecture	\$47,300	
Electrical	\$64,300	\$159,900
Mechanical	\$40,200	
Total	\$652,800	\$159,900
Importance Code A	\$501,000	
Importance Code B	\$151,800	\$159,900
Total	\$652,800	\$159,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$38,300	\$1,800		
Interior Architecture	\$36,300			\$700
Electrical	\$3,800	\$1,300	\$800	\$800
Mechanical	\$8,500	\$900	\$6,300	\$900
Total	\$86,900	\$4,100	\$7,100	\$2,400
Importance Code A	\$38,900	\$2,600	\$600	\$600
Importance Code B	\$48,000	\$1,500	\$6,600	\$1,800
Importance Code C				
Total	\$86.900	\$4,100	\$7.100	\$2,400



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

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

Asset #: 13169

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	**	5	\$17,400	
	_	i Growth, E : Rear Yar	Extent : Severe, Are	a Affecte	ed : 50%			
Market Carry				TIPE	ale ale		ф. 4.7 00	
Metal/Glass Curt Wall	10%	Now	\$384,700	LIFE	* *	5	\$4,700	
		_	ents, Extent : Seve Workout Room	re, Area	Affectea : 50%			
			xtent : Severe, Area	Affected	1 · 40%			
	-		Workout Room	11,500100	. 1070			
			ked, Extent : Sever	e, Area A	Affected : 30%			
	_		Workout Room					
Wood Overhead Doors	20%	Now	\$61,400	2040	* *	5	\$12,400	
	Split/Crac	ked, Extent	: Severe, Area Aff	ected : 2	0%			
	Location	: Entry Fa	ıcade					
Windows								
Aluminum		Now	\$54,900	2048	**	5	\$700	
	-		ts, Extent : Severe,	Area Af	tected : 50%			
		: Through	out ked, Extent : Sevei	. 4	Affanta 1 . 200/			
	_	: Through		e, Area A	Ajjecieu . 30%			
Parapets								
Concrete Masonry Unit	70%			LIFE	* *	5	\$2,500	
Metal Panel	30%			2043	* *	5	\$3,700	
Roof								
Metal Panel	5%	0-2	\$3,400	2040	**			
			Extent : Severe, Ar	ea Affeci	ted: 90%			
a: 1 D: 14 1		: Side Yard		2021	di di			
Single Ply Membrane	85%	Now	\$5,700	2031	* *			
			lerate, Area Affect d Lower Roofs	ea : 30%				
			a Lower Roojs vere, Area Affected	. 10%				
	0	: Lower Ro		. 10/0				
			xtent : Severe, Are	a Affecte	d : 10%			
			oof @ Drains	55				
Skylight, Metal/Glass	10%	Now	\$29,300	2049	* *			
21.j 1.g.1., 1.10mi, 21000			ked, Extent : Mode		ea Affected : 10%			
	_	: Through						
	Water Pen	etration, E	xtent : Moderate, A	rea Affe	cted : 10%			
	Location	: Through	aut					

Interior

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

Asset #: 13169

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
nterior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	\$25,000	
Ceramic Tile	5%	0-2	\$1,800	2036	* *	5	\$500	
		-	ents, Extent : Mod Floor Bathroom	erate, Ar	ea Affected : 30%			
Quarry Tile	5%			2036	* *	5	\$1,400	
Vinyl Tile	30%	0-2	\$14,300	2031	* *	3	\$2,100	
	Worn/Ero	ded, Extent	: Moderate, Area	Affected .	: 50%			
	Location	i : Through	out					
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	\$5,200	
Gypsum Board	10%			LIFE	* *	5	\$1,600	
Plaster	10%			LIFE	* *	5	\$800	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	65%		\$47,300	2040	* *	5	\$6,000	
	Broken/Missing Elements, Extent : Severe, Area Affected : 30% Location : Throughout							
		Discoloring, 1 : Through	Extent : Moderate out	, Area Aj	ffected : 40%			
Exposed Concrete	35%	Now	\$20,200	LIFE	* *	5	\$1,000	
1	Paint Pee	ling, Extent	: Severe, Area Aff	ected : 60	0%			
	Location	ı : Apparatı	us Room At Doors					
Site Enclosure								
Fence/Gates								
Chain link	100%			2043	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Asphalt	45%			2032	* *			
Cast in Place Concrete	55%			2036	* *			

Electrical	cal Current Repair		Replacement	Ma		
ystem Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2023	\$4,700	5	\$300	
	Other Observation, Extent: Modera	ite, Area Affed	cted : 100%			
	Location: Basement					
	Explanation: 350 Amps.					
Switchgear / Switchboard						
Molded Case Bkrs	100%	2023	\$47,700	5	\$300	
Raceway						
Conduit	100%	2023	\$30,600	1		

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

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

Asset #: 13169

Electrical	Current Repair	Future F	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Panelboards							
Molded Case Bkrs	100%	2022	\$37,700	5	\$300		
Wiring							
Thermoplastic	100%	2023	\$27,100	1			
Motor Controllers	1000/	2021	Φ1.4.100	~	#100		
Locally Mounted	100%	2021	\$14,100	5	\$100		
Grounding Davises							
Grounding Devices Metal Water Pipe	100%	2021	\$9,300	5	\$400		
Stand-by Power	100/0	2021	\$9,300		Ψ+00		
Transfer Switches							
Automatic	100%	2021	\$4,700	1	\$3,700		
Generators		<u>-</u>	1 , ,		, - ,		
Diesel	100%	2019	\$64,300	1	\$4,600		
	Other Observation, Extent : Mo	oderate, Area Affecte	d: 100%				
	Location: Outside.						
	Explanation: 65 Kw						
Batteries				_			
Nickel Cadmium	100%	2017	\$1,500	5	\$2,700		
Fuel Storage	1000/	2020	ماد ماد	~	\$400		
Main Tank	100% Other Observation, Extent: Lig Location: Underground Explanation: 570 Gallons	2038 ht, Area Affected : I	**	5	\$400		
Lighting	•						
Interior Lighting							
Fluorescent	30%	2023	\$22,300	10	\$3,300		
	Other Observation, Extent: Lig Location: Throughout Explanation: Mostly T-8	ht, Area Affected : I	00%				
Fluorescent	70%	2023	\$52,100	10	\$7,600		
	Other Observation, Extent : Lig				. , -		
	Location : Throughout						
	Explanation: Mostly T-12						
Egress Lighting Emergency, Service	100%	2023	\$5,700	1			
Exterior Lighting			72,730				
HID	30%	2023	\$13,200	10			
No Component	70%		,				

Mechanical	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
Heating							
Energy Source Natural Gas	100%		2049	* *	1		

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

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

Asset #: 13169

Mechanical	Current Rep	air Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Conversion Equipment						
Hot Water Boiler	100%	2040	* *	1	\$5,900	
Distribution						
Hot Wtr Piping/Pump	100%	2031	* *	4	\$600	
Terminal Devices						
Convector/Radiator	75%	2036	* *	1	\$2,900	
Unit Heater-Stm/HW	25%	2023	\$18,800	4	\$300	
Air Conditioning						
Energy Source	400-	-0.4-	de de			
Electricity	100%	2045	* *	1		
Conversion Equipment	770/ NT	фооо 2 010	440.200		\$ 100	
Ext Pkg Unit - Cooling	75% Now	\$800 2018	\$40,200	2	\$400	
	Other Observation, Exte	nt : Light, Area Affected	: 100%			
	Location: Roof					
	Explanation: 3 Units/					
Window/Wall Unit	25%	2017	\$6,000	1		
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2	\$15,500	
Ventilation						
Distribution	4000					
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$6,600	
Exhaust Fans	40-1			_		
Interior	10%	2028	**	2	Φ200	
Roof	90% Now	\$800 2023	\$8,300	2	\$300	
	Other Observation, Exte Location: Roof		: 10%			
-	Explanation : Cover A	nd Belt Off I Fan				
Plumbing						
H/C Water Piping	1000/	2042	* *	1		
Brass/Copper	100%	2043	~ ~	1		
Water Heater	1000/	2021	¢2.700	2	# 200	
Gas Fired	100% Other Observation, Exte	2021	\$2,700	2	\$200	
	Location: Basement	т . Еідт, Агей Ајјесіей	. 100/0			
	Explanation: 2 - 75 G	allon Units				
Sanitary Dining	<i>Елрининон</i> . 2 - /3 G	mon omis				
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	100/0	LIFE		1		
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer	100/0	LITE		1		
No Component	95%					
Generic	5%	2031	* *	1		
Generic	Other Observation, Exte			1		
	Location: Boiler	Lugiu, mi cu mjecieu	. 100/0			
	Explanation : Boiler O	nlv				
	Explanation . Botter O	100 y				
Fixtures						

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 283

Asset #: 13169

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 284/LADDER CO. 149

Address : 1157 79th STREET BTWN 11TH AVE - 12TH AVE

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSECO.284 / 13170 Yr Built/Renovated : 1913 / 1999

Area Sq Ft : 10,350 Project Type : FIRE DEPARTMENT

Date of Survey : 14-Mar-2013 Landmark Status : NONE

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

Block : 6254 Lot : 53 BIN : 3161800

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$118,300	\$71,800
Electrical	\$80,300	\$85,400
Total	\$198,600	\$157,200
Importance Code A	\$118,300	\$71,800
Importance Code B	\$80,300	\$85,400
Total	\$198,600	\$157,200

Exterior Architecture	FY 2017 \$81,100	FY 2018	FY 2019 \$10,800	FY 2020
Interior Architecture	\$125,400		\$400	\$900
Electrical	\$22,800	\$100	\$8,900	
Mechanical	\$18,400	\$1,700	\$21,900	\$1,700
Total	\$247,600	\$1,900	\$42,000	\$2,600
Importance Code A	\$82,100	\$1,000	\$11,900	\$1,000
Importance Code B	\$90,300	\$900	\$30,100	\$1,600
Importance Code C	\$75,200			
Total	\$247,600	\$1,900	\$42,000	\$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.

Asset #: 13170

rchitecture	Current I	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior							
Exterior Walls Masonry: Brick	70% 0-2 Cracking/Crumbling,	\$118,300 Extent: Moderate	LIFE Area At	* *	5	\$20,100	
	Location: Through		, 11100111	jeeleu . 1070			
Masonry: Granite	5% 0-2	\$16,600	LIFE	* *	5	\$1,100	
·	Cracking/Crumbling, Location: Through		ea Affecte	ed : 10%			
Masonry: Limestone	10% 0-2	\$34,000	LIFE	* *	5	\$2,200	
	Cracking/Crumbling, Location : Through		ea Affecte	ed : 10%			
Wood Overhead Doors	15%		2029	* *	5	\$21,500	
Windows							
Aluminum	100% Now Air Infiltration, Exten Location: Second I		2046 Affected	* *!: 15%	5	\$1,700	
	Caulking Deteriorate Location : Second I		te, Area	Affected : 25%			
Parapets							
Cast Stone/Terra Cotta	20% 2-4 Cracking/Crumbling, Location: Through	_	LIFE ea Affecte	* * ed : 20%	5	\$5,200	
	Int Mortar Miss/Erod Location : Through	_	rea Affec	ted : 10%			
Stucco Cement	80%		2037	* *	5	\$6,900	
	Cracking/Crumbling, Location: Through		, Area A <u>j</u>	fected : 20%			
Roof							
Asphalt Shingle	10% 0-2 Punct/Tear/Impact D Location: Through	-	2027 ght, Area	* * Affected : 10%			
	Water Penetration, E Location: Through	_	Affected	: 10%			
Modified Bitumen	90% 0-2 Water Penetration, E Location : Through	_	2024 Affected	\$71,800 : 10%			

Interior

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

Asset #: 13170

Architecture		Current I	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
nterior									
Floors									
Cast in Place Concrete	50%			LIFE	* *	5	\$19,200		
Ceramic Tile	5%			2039	* *	5	\$900		
Quarry Tile	5%			2037	* *	5	\$1,300		
Vinyl Tile	40%		\$17,500	2029	* *	3	\$2,600		
	Adhesion Failure, Extent: Moderate, Area Affected: 20% Location: Second Floor								
		Broken/Missing Elements, Extent: Moderate, Area Affected: 25% Location: Second Floor							
		Crumbling, 1 : Second I	Extent : Moderate Floor	, Area Aj	ffected : 25%				
		Progress, n : Third Fl	Extent : Light, Ared oor	a Affecte	d : 50%				
Interior Walls									
Ceramic Tile	5%	Now	\$32,500	2039	* *	5	\$600		
		issing Elem 1 : All Toile	nents, Extent : Seve t Rooms	re, Area	Affected : 100%				
Ceramic Tile	10%			2027	* *	5	\$2,400		
Masonry: Brick	35%	0-2	\$32,100	LIFE	* *				
	_	Crumbling, 1 : Through	Extent : Light, Are out	ea Affecto	ed : 10%				
Plaster	50%		\$9,400	LIFE	**	5	\$3,600		
	_	Crumbung, ı : Through	Extent : Light, Are out	еа Ајјеси	ea : 10%				
Ceilings									
AcousTileSusp.Lay-In	35%		\$24,200	2037	**	5	\$3,100		
		issing Elem ı : 3rd Floo	nents, Extent : Seve or	re, Area	Affected : 50%				
Exposed Struc: Steel	30%			LIFE	* *				
Plaster	35%	0-2	\$7,900	LIFE	* *	5	\$3,800		
		Crumbling, 1 : Through	Extent : Moderate out	e, Area Aj	ffected : 10%				
ite Pavements									
Public Sidewalk Cast in Place Concrete	100%			2037	* *				
On-Site Walkways									
	100%			2029	* *				
Cast in Place Concrete	Other Obs		Extent : Light, Area	Affected	: 100%				
Cast in Place Concrete			0.070 41.14						
Cast in Place Concrete	Location		es Of Building						
Cast in Place Concrete Parking/Driveway	Location	ı : Both Sid tion : Two							

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

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

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

Asset #: 13170

Electrical		Current F	Repair	Futur	re Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts									
Service Equipment									
Molded Case Bkrs	100%			2024	\$4,700	5	\$300		
			Extent : Moderate, A	Area Affe	ected : 100%				
			t Service Room						
	Explana	tion : 200 A	Amp Service Switch						
Switchgear / Switchboard Molded Case Bkrs	100%			2024	\$47,700	5	\$300		
Raceway									
Conduit	100%			2024	\$30,600	1			
Panelboards									
Molded Case Bkrs	100%			2023	\$37,700	5	\$300		
Wiring									
Thermoplastic	100%			2024	\$27,100	1			
Motor Controllers									
Locally Mounted	50%			2022	\$7,000	5			
Motor Control Center	50%			2022	\$7,000	5	\$100		
Ground									
Grounding Devices									
Generic	100%			LIFE	* *	5	\$200		
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%				
	Location	: Basemen	t						
	Explana	tion : Wate	r Main						
Lighting									
Interior Lighting									
Fluorescent	35%	2-4	\$22,700	2034	* *				
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 10%				
	Location	: Various	Locations						
	Explana	tion : Old I	Fixtures Not Workii	ıg / T-12	? Lamps				
Fluorescent	65%			2019	\$42,100	10	\$6,200		
	T-12 Lam	os, Extent :	Moderate, Area Aj	fected :	100%				
	Location	: Through	out						
Egress Lighting									
Exit, Service	60%			2019	\$700	1			
Exit, Battery	40%			2019	\$1,500	10	\$300		
Exterior Lighting									
HID	100%			2019	\$38,200	10			
-									

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2050	* *	1		

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

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

Asset #: 13170

Mechanical	Curren	t Repair	Future Replacement		Maintenance			
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating Conversion Equipment Steam Boiler	100% Other Observation, Location : Basem Explanation : Ond		2041 Affected	** : 100%	1	\$10,300		
Distribution Steam Piping/Pump	100% Now Steam Traps Faulty Location : Throug	\$3,500 o, Extent : Moderate, ghout	2044 Area Aff	** ected : 5%	4	\$500		
Terminal Devices Convector/Radiator	100% Now Leak Evident, Exter Location : Confer	\$4,800 nt : Moderate, Area A cence Room	2029 Affected :	**	1	\$3,000		
Air Conditioning Energy Source Electricity	100%		2040	* *	1			
Conversion Equipment Window/Wall Unit No Component	50% 50%		2019	\$10,400	1			
Distribution Ductwork/Diffusers No Component	50% 50%		LIFE	* *	2	\$6,700		
Terminal Devices Direct Expansion		\$400 nt : Moderate, Area A nsate On 3rd Floor C		**	1			
No Component	50%							
Heat Rejection Air Condenser Unit	Location: Roof	\$300 Extent: Moderate, A	2024 Area Affe	\$5,000 cted : 5%	2	\$2,900		
No Component	50%	1 ,						
Ventilation Distribution Ductwork/Diffusers No Component	50% 50%		LIFE	* *	2-5	\$2,900		
Exhaust Fans Roof	10% Now Broken, Extent : Se Location : Kitche	\$800 vere, Area Affected : n	2034 100%	* *	2			
Wall Unit No Component	10% 80%		2024	\$1,500	2			
Plumbing								
H/C Water Piping Galv Iron/Steel	100%		2041	* *	1			

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

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

Asset #: 13170

Mechanical		Current	Repair	Futur	ure Replacement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2023	\$2,400	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	\$700	LIFE	* *	1		
	_		Extent : Moderate, 1		ected : 10%			
	Location	: Apparat	us Floor, Floor Dro	ain				
Sump Pump(s)								
Submersible	100%	Now	\$6,500	2019	\$6,500	4	\$1,600	
			ere, Area Affected :	100%				
	Location	: Basemer	ıt .					
Fixtures								
Generic	100%							
			xtent : Severe, Area	Affected	l : 20%			
	Location	: Kitchen						
Fire Suppression								
Chemical System								
No Component	90%							
Generic	10%			2022	\$2,600	1-3	\$5,100	
			Extent : Light, Area	Affected	: 100%			
		: Through						
	Explana	ion : Fire	Extinguishers					

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 285/LADDER CO. 142

Address : 103-17 98th STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.285 / 13171 Yr Built/Renovated : 1913 /

Area Sq Ft : 10,112 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Jun-2015 Landmark Status : NONE

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

Block : 9121 Lot : 11 BIN : 4438526

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$57,300
Interior Architecture	\$209,900	
Electrical		\$43,400
Total	\$209,900	\$100,700
Importance Code A		\$57,300
Importance Code B	\$152,100	\$43,400
Importance Code C	\$57,800	
Total	\$209,900	\$100,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$52,700		\$6,400	
Interior Architecture	\$84,100			\$900
Electrical	\$10,700	\$300	\$300	\$400
Mechanical	\$53,200	\$1,400	\$8,600	\$1,600
Total	\$200,800	\$1,700	\$15,400	\$3,000
Importance Code A	\$53,700	\$1,000	\$7,400	\$1,000
Importance Code B	\$114,700	\$700	\$7,900	\$2,000
Importance Code C	\$32,300			
Total	\$200,800	\$1,700	\$15,400	\$3,000



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

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

Asset #: 13171

	Current F	Repair	Futur	e Replacement	М	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
10%					5	\$21,400	
_	_			fected : 20%			
70%			LIFE	* *	5	\$38,400	
5%			LIFE	* *	5	\$2,100	
15%			2039	* *	5	\$12,900	
100%	Now	\$11,200	2034	* *	5	\$300	
Location Glazing Br	: Through roken/Crac	out ked, Extent : Light,					
		1)			5	\$200	
				Affected : 65%			
5%			2031	* *	1		
95%	Now	\$5,700	2026	\$57,300			
Recent Replace Evident, Extent : Moderate, Area Affected : 100% Location : Throughout							
Water Pen	etration E	xtent : Moderate. A	rea Affe	cted · 5%			
	10% Cracking/e Location 70% 5% 15% 100% Broken/Mi Location Glazing Bi Location 10% Caulking I Location 5% 95% Recent Rep Location	10% Now Cracking/Crumbling, Location: Window 70% 5% 15% 100% Now Broken/Missing Elem Location: Through Glazing Broken/Crac Location: 2nd Floc 90% 10% Now Caulking Deteriorate Location: Various I	Total (Years) 10% Now \$8,700 Cracking/Crumbling, Extent: Moderate, Location: Window Sills On Various File 70% 5% 15% 100% Now \$11,200 Broken/Missing Elements, Extent: Mode, Location: Throughout Glazing Broken/Cracked, Extent: Light, Location: 2nd Floor, Rear Wall. 90% 10% Now \$1,500 Caulking Deteriorated, Extent: Moderat, Location: Various Locations Around R 5% 95% Now \$5,700 Recent Replace Evident, Extent: Moderat, Location: Throughout	10% Now \$8,700 LIFE Cracking/Crumbling, Extent: Moderate, Area Ap Location: Window Sills On Various Floors 70% LIFE 5% LIFE 15% 2039 100% Now \$11,200 2034 Broken/Missing Elements, Extent: Moderate, Area Ap Location: Throughout Glazing Broken/Cracked, Extent: Light, Area Ap Location: 2nd Floor, Rear Wall. 90% LIFE 10% Now \$1,500 2046 Caulking Deteriorated, Extent: Moderate, Area Location: Various Locations Around Roof 5% 2031 95% Now \$5,700 2026 Recent Replace Evident, Extent: Moderate, Area Location: Throughout	Now	Now	Now

Interior

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

Asset #: 13171

Architecture	Current Re	Current Repair		e Replacement	Maintenance					
System Component Type	% of Fail Date E Total (Years)	Sstimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Interior										
Floors					_					
Cast in Place Concrete	30% Now	\$23,100	LIFE	**	5	\$9,900				
	Drains Clogged, Extent: Light, Area Affected: 2%									
	Location: Apparatus Floor.									
	Horizontal Cracks, Extent : Moderate, Area Affected : 20% Location : Apparatus Floor.									
	Water Penetration, Extent: Light, Area Affected: 10%									
	Location : Basement	m . Ligni, Area	Ајјестеи	. 10/0						
	Other Observation, Exte	ent : Severe. Are	a Affecte	d: 50%						
		Location: Apparatus Room Floor								
	Explanation : Depress		Support	t In Place.						
Ceramic Tile	6% Now	\$10,300	2041	* *	5	\$500				
	Broken/Missing Elemen		erate, Ar	ea Affected : 50%						
	Location : All Bathroo	om Floors								
	Other Observation, Exte	ent : Moderate, A	Area Affe	cted : 100%						
	Location : All Bathroo	om Floors								
	Explanation : Need Re	placement								
Quarry Tile	5% Now	\$10,600	2039	* *	5	\$600				
	Worn/Eroded, Extent: 1	Moderate, Area A	Affected .	: 50%						
	Location: Kitchen									
Vinyl Tile	50% Now	\$62,800	2036	* *	3	\$2,800				
	Broken/Missing Elemen	ts, Extent : Ligh	t, Area Ą	ffected : 15%						
	Location : Various Lo	cations								
	Uneven Substrate, Extent : Severe, Area Affected : 2%									
	Location: 3rd Floor Gymnasium									
	Other Observation, Extent: Moderate, Area Affected: 100%									
	Location: 2nd And 3r									
	Explanation: Tiles Ar	e Old And Worn								
Wood	9%		2061	* *	5	\$2,600				

Asset #: 13171

Architecture		Current l	Repair	Futu	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior Interior Walls								
Ceramic Tile	Location	issing Elen 1 : All Bath	\$20,600 nents, Extent: Mod room Floors Extent: Light, Are			5	\$400	
	_	_	room Floors	<i>JJ</i>				
Masonry: Brick		0-2 lissing Elem 1 : Apparat	\$2,900 nents, Extent : Ligh us Floor.	LIFE t, Area A	* * ffected : 5%			
Masonry: Brick	Location Water Per	issing Elen 1 : Basemer	xtent : Moderate, A					
Plaster	Location Vertical C	Crumbling, n : Various	ent : Light, Area Afj			5	\$2,300	
SGFT/Glazed Masonry	Location Jnt Morta Location Loose Unit	Crumbling, 1 : Apparat 1 : Miss/Ero 1 : Apparat	d, Extent : Moderat us Floor Moderate, Area Aj	te, Area A	Affected : 20%			

Asset #: 13171

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			
nterior										
Ceilings										
AcousTileSusp.Lay-In	5% Now	\$1,200	2046	* *	5	\$400				
	Broken/Missing Elen Location : Various		erate, Ar	ea Affected : 25%						
Exposed Concrete	30% Now	\$89,300	LIFE	* *	5	\$700				
	Cracking/Crumbling, Location: Basemer Exposed Reinforceme Location: Basemer Paint Peeling, Extent Location: Basemer Spalling, Extent: Sev Location: Basemer Water Penetration, E Location: Basemer	nt. ent, Extent : Moder et : Light, Area Affec et. vere, Area Affected et extent : Moderate, A	ate, Area cted : 5% : 20%	Affected: 15%						
	Other Observation, Extent : Moderate, Area Affected : 10% Location : Basement									
	Explanation : Corre Below Apparatus F		e; Shorin	g Members Help S	Support S	teel Structure				
Plaster	65% Now Cracking/Crumbling, Location: First An. Water Penetration, E Location: Third Fl	d Third Floors Extent : Light, Area		,	5	\$6,400				

lectrical	Current Repair	Future	Replacement	Maintenance		
ystem Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2046	* *	5		
	Other Observation, Extent: Light,	Area Affected	: 100%			
	Location: Basement					
	Explanation: 400 Amps. Service					
Switchgear / Switchboard						
Molded Case Bkrs	100%	2046	* *	5	\$300	
Raceway						
Conduit	15%	2046	* *	1		
Conduit	85%	2026	\$26,000	1		
Panelboards						
Molded Case Bkrs	100%	2025	\$37,700	5	\$300	
Wiring						
Thermoplastic	100%	2036	* *	1		
Motor Controllers						
Locally Mounted	20%	2031	* *	5		
No Component	80%					

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

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

Asset #: 13171

Electrical	Current Repair	Future	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
Stand-by Power						
Transfer Switches Automatic	100%	2039	* *	1	\$3,100	
Automatic	Other Observation, Extent : L			1	\$5,100	
	Location: Basement	лдии, Агеи Ајјесиеи	. 10070			
	Explanation : For Portable	Generator.				
Lighting	•					
Interior Lighting						
Fluorescent	90%	2031	* *	10	\$8,300	
	T-8 Lamps, Extent : Light, Ar Location : Throughout	rea Affected : 100%				
Fluorescent	9%	2026	\$5,700	10	\$800	
	T-12 Lamps, Extent: Light, A Location: Throughout				,	
Incandescent	1%	2021	\$600	2		
	Obsolete Fixtures, Extent : Li	ight, Area Affected :	·			
	Location : Tv Room					
Exterior Lighting						
HID	50%	2026	\$18,600	10		
No Component	50%					
Alarm						
Fire/Smoke Detection						
No Component	90%					
Generic, Analog		\$10,200 2036	* *			
	Local/Battery Operated Detec	ct, Extent : Light, Ai	rea Affected : 1009	%		
	Location : Throughout					

Mechanical	Current Repair	Future Rep	placement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2052	* *	1		
Conversion Equipment						
Steam Boiler	100%	2043	* *	1	\$10,000	
Distribution						
Steam Piping/Pump	100%	2036	* *	4	\$500	
	Insul. Deteriorating, Extent: Light,	Area Affected : 50	0%			
	Location: Basement					

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

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

Asset #: 13171

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices Convector/Radiator			\$29,800 ght, Area Affected 3rd Floors	2043 : 30%	* *	1	\$2,300	
Unit Heater-Stm/HW			Extent : Light, Are r And 3rd Floor	2026 a Affecte	\$12,800 d:40%	4	\$300	
Air Conditioning								
Energy Source Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit No Component	75% 25%			2024	\$15,200	1		
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,900	
Exhaust Fans	10070			LIIL		2-3	Ψ0,700	
Interior			\$1,100 Extent : Moderate, r General Exhaust	2036 Area Afj	* * fected : 20%	2		
Interior	40% Other Obse Location: Explanation	Kitchen		2026 Affected	\$4,400	2	\$100	
Roof	50%	011.110 5	, stem	2021	\$3,900	2	\$200	
Plumbing	2070			2021	Ψ3,700		Ψ200	
H/C Water Piping								
Brass/Copper	50%			2026	\$14,700	1		
Galv Iron/Steel			\$8,800 : Severe, Area Affe 3rd Floor Bathrod		* *	1		
Water Heater								
Gas Fired	Location:	Basemen	Extent : Light, Area et 5 Gallon Units	2024 Affected	\$2,300 : 100%	2	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	Location :	Roof Dre	\$8,300 Extent : Severe, Are ain, 1st Floor Drai	n		1		
	Corroded, I Location :		oderate, Area Affe t	cted : 10	%			
Sump Pump(s)	100%			2019	\$6,500		\$2,500	

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 285/LADDER CO. 142

Asset #: 13171

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

100%

Generic

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 301/LADDER CO. 150

Address : 91-02 197th STREET

Borough : QUEENS Agency's Number : N/A

Program / Asset # : FIRSECO.301 / 13186 Yr Built/Renovated : 1933 / 2003

Area Sq Ft : 9,974 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Oct-2011 Landmark Status : NONE

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

Block : 10464 Lot : 25 BIN : 4222434

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture		\$50,200
Mechanical		\$38,800
Total		\$89,000
Importance Code B		\$89,000
Total		\$89,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$1,200	\$6,000	\$1,300	
Interior Architecture	\$54,700	\$1,100		\$800
Electrical	\$900	\$12,000	\$100	
Mechanical	\$8,800	\$1,600	\$2,800	\$1,600
Total	\$65,700	\$20,700	\$4,200	\$2,300
Importance Code A	\$2,100	\$6,900	\$2,100	\$900
Importance Code B	\$33,500	\$13,800	\$2,100	\$1,400
Importance Code C	\$30,100			
Total	\$65,700	\$20,700	\$4,200	\$2,300



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

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

Asset #: 13186

Architecture		Current Repair		Futur	Future Replacement		Maintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$20,300	
Granite Panels	5%			LIFE	* *	5	\$900	
Wood Overhead Doors	10%			2028	* *	5	\$11,900	
Windows						_		
Aluminum	100%			2039	* *	5	\$2,500	
Parapets	1000/			LIDE	ale ale	_	Ф000	
Masonry: Granite	100%			LIFE	* *	5	\$800	
Roof	0.50/			2022	* *	10	¢1 400	
Asphalt Shingle	85%	alaca Ewid	ant Entant Light	2032		10	\$1,400	
	-	: Pitched I	ent, Extent : Light, . Roof	Area Ajje	eciea : 100%			
Roll Roofing	15%			2022	\$6,000	5	\$2,500	
terior					·		-	
Floors								
Cast in Place Concrete	35%	2-4	\$21,500	LIFE	* *	5	\$9,300	
			Extent : Moderate, A	Area Affe	cted : 100%			
			pparatus Room					
		ion : Struc	turally Insufficient					
Ceramic Tile	5%			2032	* *	5	\$600	
Vinyl Tile	50%			2023	\$50,200	3	\$3,000	
Wood	10%			2038	* *	5	\$2,300	
Interior Walls	-		*4 = 400					
Cast in Place Concrete	5%	Now	\$15,600	LIFE	**			
	_	Trumbling, : Hose To	Extent : Moderate wer	, Area Aj	ffected : 25%			
	Diagonal	Cracks, Ex	tent : Severe, Area	Affected	: 15%			
		: Hose To						
	Vertical C	racks, Exte	ent : Severe, Area A	ffected :	15%			
	Location	: Hose To	wer					
Gypsum Board	20%	Now	\$2,700	LIFE	* *	5	\$2,000	
	Water Pen	etration, E	Extent : Severe, Ared	a Affecte	d: 50%			
			Third Floor					
			Extent : Severe, Are	a Affecte	d : 20%			
			Third Floor					
	Explana	ion : Mold						
Masonry: Brick	10%			LIFE	* *			
Plaster	15%	Now	\$11,800	LIFE	* *	5	\$800	
			Extent : Severe, A		rted : 35%			
			wer And Third Floo					
			Extent : Severe, Ared					
	Location	: Hose To	wer, Pole Hole And	l Various	Locations Throug	hout		
SGFT/Glazed Masonry	50%	<u>-</u>		LIFE	* *			

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

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

Asset #: 13186

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$400	2040	* *	5	\$300	
	Location Worn/Eroc	: Locker R	: Severe, Area Affe					
Exposed Concrete	5%	Now	\$1,600	LIFE	* *	5	\$100	
	U	Crumbling, : Hose To	Extent : Moderate wer	, Area A	ffected : 20%			
Gypsum Board	15%			LIFE	* *	5	\$2,000	
Plaster	75%			LIFE	* *	5	\$4,900	
	Water Pen	etration, E	xtent : Severe, Ared	a Affecte	d : 25%			
	Location	: Second F	Floor And Hose To	wer				

Electrical	Current Repair	Future Repla	acement	М		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2043	* *	5		
	Other Observation, Extent : Light Location : Basement	, Area Affected : 100%	ó			
	Explanation: 400 Amps.					
Switchgear / Switchboard Molded Case Bkrs	100%	2043	* *	5	\$300	
Raceway						
Conduit	100%	2043	* *	1		
Panelboards						
Molded Case Bkrs	100%	2039	* *	5	\$300	
Wiring Thermoplastic	100%	2043	* *	1		
Motor Controllers						
Locally Mounted	100%	2028	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100% Now \$ Other Observation, Extent: Seven Location: Basement	900 LIFE re, Area Affected : 100	**	5	\$100	
	Explanation: Improperly Conn.	ected To Water Pipe.				
Lighting	·					
Interior Lighting						
Fluorescent	95%	2028	* *	10	\$8,700	
	Other Observation, Extent: Light	, Area Affected : 100%	ó			
	Location: Throughout					
	Explanation: Mostly T-8					
Incandescent	5%	2018	\$3,100	2		

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

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

Asset #: 13186

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
Lighting							
Exterior Lighting							
HID	50%		2023	\$18,400	10		
No Component	50%						

Mechanical	Curren	t Repair	Future Replacement		Maintenance			
System Component Type	% of Fail Date Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Electricity	20%		2043	* *	1			
Natural Gas	80%		2043	* *	1			
Conversion Equipment								
Furnace	20%		2028	* *	1	\$1,000		
		Extent : Light, Area	Affected	: 100%				
	Location : 3rd Fl							
	Explanation: Inte	erior Heating / Cooli	ng Packa	ige Unit				
Steam Boiler	80%		2036	* *	1	\$7,900		
Distribution								
Ductwork/Diffusers	20%		LIFE	* *	2-5	\$1,100		
Steam Piping/Pump	80%		2033	* *	4	\$600		
Terminal Devices								
Convector/Radiator	100%		2028	* *	1	\$3,200		
Air Conditioning								
Energy Source								
Electricity	100%		2039	* *	1			
Conversion Equipment								
Int Pkg Unit -	20%		2024	\$38,800	2	\$100		
Heating/Cooling								
Window/Wall Unit	80%		2021	\$16,000	1			
Distribution								
Ductwork/Diffusers	20%		LIFE	* *	2	\$2,600		
No Component	80%							
Terminal Devices								
Direct Expansion	20%		2028	* *	1			
No Component	80%							
Heat Rejection								
Remote Air Cond	20%		2028	* *	2	\$1,400		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,600		
Exhaust Fans								
Wall Unit	100%		2028	* *	2	\$300		
Plumbing								
H/C Water Piping								
Brass/Copper	100%		2043	* *	1			

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

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

Asset #: 13186

Mechanical	Current Rep	air Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Gas Fired	100%	2021	\$2,300	2	\$100	
	Other Observation, Exte	nt : Light, Area Affecte	d: 100%			
	Location: Basement					
	Explanation: 2 - 75 Ge	allon Units				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2017	\$6,500	4	\$2,500	
Fixtures			•		•	<u>. </u>
Generic	100%					

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 33/LADDER CO. 9
Address : 42 GREAT JONES STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.033 / 13021 Yr Built/Renovated : 1898 /

Area Sq Ft : 12,649 Project Type : FIRE DEPARTMENT

Date of Survey : 16-Jun-2015 Landmark Status : EXTERIOR LANDMARK

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

Block : 531 Lot : 49 BIN : 1008526

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$41,300	
Interior Architecture	\$41,700	
Electrical		\$82,400
Total	\$83,100	\$82,400
Importance Code A	\$41,300	
Importance Code B	\$41,700	\$82,400
Total	\$83,100	\$82,400

	\$700	
	¢700	
\$9,500	\$6,900	\$7,500
\$1,300	\$9,000	\$1,300
\$10,700	\$16,600	\$8,700
\$9,800	\$6,500	\$5,700
\$900	\$1,200	\$2,500
	\$1,100	\$600
	\$7,800	
FY 2018	FY 2019	FY 2020
	FY 2018	FY 2018 FY 2019



 $[\]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 #: 13021

rchitecture		Current I	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
terior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	\$57,800	
Masonry: Granite	5%		\$14,000	LIFE	* *	5	\$1,700	
		-	ients, Extent : Mod Panels Adjacent To					
Masonry: Limestone	10%	0-2	\$25,900	LIFE	* *	5	\$3,300	
		Cracks, Ex 1 : Front Fo	tent : Moderate, Ar icade	ea Affec	ted : 10%			
Metal Panel	5%			2036	* *	5-10	\$15,300	
Metal: Cage/Fence	5%			2031	* *	5	\$9,700	
Wood Overhead Doors	10%			2031	* *	5	\$22,200	
Windows								
Aluminum	50%			2034	* *	5	\$1,300	
Wood	50%			2034	* *	5	\$13,400	
Parapets								
Masonry: Brick			\$41,300 e, Extent : Severe, A of	LIFE Area Affe	* * ccted : 60%	5	\$1,100	1
		d/Bulging, 1 : Main Roo	Extent : Severe, Ar of	ea Affect	ted : 50%			
	_		g, Extent : Severe, A of Parapets	Area Affe	ected : 100%			
Masonry: Sandstone			\$18,600 Extent : Severe, A out	LIFE rea Affec	* * cted : 50%	5	\$200	
		d/Bulging, 1 : Through	Extent : Severe, Ar out	ea Affect	ted : 100%			
	Location	n : Through						
	Explana	tion : Copi	ng Stones Have Fa	iled And	Need To Be Repla	ced.		
Roof	2004			2020	- Մ Մ Մ Մ Մ Մ Մ Մ.	10	# 400	
Asphalt Shingle	20%			2029	**	10	\$400	
Copper/Terne	20%		¢1 <i>c</i> 400	2041	**	10	\$6,200 \$6,200	
Roll Roofing			\$16,400 Extent : Moderate, of	2028 Area Afj		5	\$6,200	
	Water Per		xtent : Moderate, A	rea Affe	cted : 20%			

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 #: 13021

chitecture	Current	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Floors	400/ N.	¢4.100	LIDE	* *	_	¢1.c 100	
Cast in Place Concrete	40% Now Other Observation, E Location: Apparat Explanation: Epox	us Floor			5	\$16,100	
Ceramic Tile	5%		2039	* *	5	\$900	
	Recent Replace Evident Location: 2nd & 3	_		ected : 70%			
Quarry Tile	5%		2031	* *	5	\$1,400	
Vinyl Tile	25% Now	\$41,700	2036	* *	3	\$1,700	
	Broken/Missing Elen Location : 2nd Floo	or					
	Patching Evident, Ex Location: 2nd Floo		rea Affec	ted : 30%			
	Uneven Substrate, Ex Location : 2nd Floo		rea Affec	ted : 50%			
	Other Observation, E Location: 2nd Floo	or			'n n 1	,	
XX7 4	Explanation: Viny			oratea Ana Snoula * *			
Wood	25% 0-2 Dry Rot/Decay, Extended Location: Attic	\$16,200 nt : Severe, Area Aj	2054 ffected : .		5	\$4,300	
Interior Walls							
Ceramic Tile	5% Recent Replace Evid Location : 2nd & 3	_		* * ected : 70%	5	\$1,400	
Gypsum Board	5%		LIFE	* *	5-10	\$2,300	
Masonry: Brick	20% Now	\$11,400	LIFE	* *			
	Diagonal Cracks, Ex Location : 4th Floo		ffected :	10%			
	Vertical Cracks, Exte Location : 4th Floo		fected : 1	0%			
Plaster	45% Paint Peeling, Extend Location: Through		LIFE cted: 159	* *	5-10	\$10,400	
SGFT/Glazed Masonry	25%		LIFE	* *	10	\$3,400	
Ceilings							
Embossed Metal	75% 0-2 Broken/Missing Elen Location : All Floo		LIFE erate, Ar	* * ea Affected : 15%	5	\$6,700	
Gypsum Board	5% Now Broken/Missing Elen Location: Basemen	_	LIFE t, Area Ą	* * ffected : 2%	5	\$1,200	
Macangu Infill And		и данноот	LIDD	* *	10	\$2,000	
Masonry: Infill Arch	20%		LIFE	* *	10	\$2,000	

Site Pavements

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

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

Asset #: 13021

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

Site Pavements

Parking/Driveway

Cast in Place Concrete 100% 2046 **

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

Location: Entry To Apparatus Floor

Explanation: Under Construction/Replacement

Electrical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	\$100	
			Extent : Light, Area	Affected	: 100%			
		ı : Basemen						
	Explana	tion : 400 A	Amps.					
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	\$100	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Molded Case Bkrs	75%			2034	* *	5	\$300	
Molded Case Bkrs	25%			2042	* *	5	\$100	
Wiring								
Thermoplastic	100%			2036	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	\$3,900	
Generators								
Diesel	100%			2035	* *	1	\$4,900	
			Extent : Light, Area	Affected	: 100%			
	Location	ı : Basemen	t					
	Explana	tion : 62 Kv	w Generator					
Batteries								
Lead/Acid	100%			2020	\$1,600	5	\$500	
Fuel Storage								
Main Tank	100%			2054	* *	5	\$400	
			Extent : Light, Area	Affected	: 100%			
		ı : Basemen	•					
rtutur.	Explana	tion : 75 Gc	allon Tank					

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 #: 13021

Electrical	Current I	Repair F	Future Replacement		Maintenance			
System Component Type	% of Fail Date Total (Years)		'ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Lighting								
Interior Lighting								
Fluorescent	95%	20	026	\$82,400	10	\$11,000		
	T-8 Lamps, Extent : I	Light, Area Affected : 1	00%					
	Location : Through	out Building						
Incandescent	5%	20	021	\$4,300	2			
Egress Lighting								
Exit, Service	20%	20	021	\$300	1			
No Component	80%							
Exterior Lighting		_					•	
HID	50%	20	031	* *	10			
No Component	50%							

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type		Fail Date Estimated Cost (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2046	* *	1		
Conversion Equipment							
Steam Boiler	100%		2039	* *	1	\$12,500	
Distribution							
Steam Piping/Pump	100%		2036	* *	4	\$600	
Terminal Devices							
Convector/Radiator	90%		2031	* *	1	\$3,700	
Unit Heater-Stm/HW	10%		2026	\$8,700	4	\$200	
Air Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		
Conversion Equipment							
Window/Wall Unit	30%		2021	\$8,300	1		
No Component	70%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,200	
Exhaust Fans							
Roof		Now \$3,200		* *	2	\$100	
	-	ning, Extent : Severe, Area Kitchen Grill	Affected :	100%			
	-	tting, Extent : Severe, Area Kitchen Grill	Affected :	100%			
Roof	70%		2031	* *	2	\$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2046	* *	1		
		np w/Tank, Extent : Light, Basement	Area Affeo	cted : 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 #: 13021

Mechanical	Current Repa	r Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Gas Fired	100%	2021	\$3,100	2	\$200	
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 - 75 Gal	lon Units				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Generic	100%	2024	\$27,900	1-3	\$50,600	

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 35/LADDER 14/ BATTALION 12

Address : 2282 THIRD AVENUE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.035 / 13023 Yr Built/Renovated : 1974 /

Area Sq Ft : 10,900 Project Type : FIRE DEPARTMENT

Date of Survey : 28-Mar-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1773 Lot : 33 BIN : 1054465

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$91,000
Interior Architecture		\$49,500
Electrical		\$150,500
Total		\$291,000
Importance Code A		\$91,000
Importance Code B		\$200,000
Total		\$291,000

Total	\$92,400	\$29,400	\$3,200	\$6,000
Importance Code C				
Importance Code B	\$28,800	\$27,900	\$2,600	\$2,200
Importance Code A	\$63,600	\$1,500	\$500	\$3,800
Total	\$92,400	\$29,400	\$3,200	\$6,000
Mechanical	\$31,700	\$18,400	\$2,100	\$900
Electrical	\$14,800	\$9,100	\$1,000	\$1,200
Interior Architecture	\$6,200	\$1,100		\$700
Exterior Architecture	\$39,600	\$800		\$3,300
EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020



 $[\]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.

FIRE DEPARTMENT - 057 ENGINE CO. 35/LADDER 14/ BATTALION 12

Asset #: 13023

System		Current F	Repair	Futur	e Replacement	M	aintenance	
Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit				LIFE	* *	5	\$5,000	
Masonry: Brick	50%			LIFE	* *	5	\$10,500	
Metal Panel	2%			2033	* *	5-10	\$2,900	
Metal Sect. OHD	10%			2040	* *	5	\$6,500	
Windows	1000/	N T	Φ1.4. 5 00	20.45	* *	~	Φ.000	
Aluminum			\$14,500 eents, Extent : Mode out	2045 erate, Ar		5	\$600	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$4,200	
Stucco Cement	80%	2-4	\$16,500	2036	* *	5	\$2,800	
	_	_	Extent : Moderate out Parapet	, Area Aj	ffected : 30%			
Roof								
Modified Bitumen	95%	4+	\$4,500	2023	\$91,000			
			lerate, Area Affecte	ed : 5%				
		ı : Main Roc	=					
		-	, Extent : Light, Ar	ea Affect	ed : 10%			
		ı : Main Roc	-					
	_		Extent : Moderate, A		ected : 5%			
	Location	: : Main Ro	of Under Rooftop U	Inits				
Roll Roofing	5%			2017	\$3,400	5	\$1,400	
Interior								
Floors	200/	4	Φ2.000	LIDE	* *	~	φ. 	
	20%	4+	\$3,000	LIFE		5		
Cast in Place Concrete	0 1.	a 11.	T 1/ 1 .				\$6,500	
Cast in Place Concrete	_	_	Extent : Moderate			3	\$6,500	
	Location	Crumbling, 1 : Apparati		, Area Aj	ffected : 20%			
Cast in Place Concrete	Location 20%	_		, Area Aj	ffected : 20%	5	\$6,500	
Cast in Place Concrete Ceramic Tile	20% 10%	_		, Area Aj LIFE 2032	# * * * * * * * * * * * * * * * * * * *	5 5	\$6,500 \$1,500	
Cast in Place Concrete Ceramic Tile Quarry Tile	20% 10% 10%	: Apparati	us Room	LIFE 2032 2036	#* ** ** **	5 5 5	\$6,500 \$1,500 \$2,200	
Cast in Place Concrete Ceramic Tile	Location 20% 10% 10% 40%	: Apparati	\$2,500	LIFE 2032 2036 2023	** ** ** ** \$49,500	5 5	\$6,500 \$1,500	
Cast in Place Concrete Ceramic Tile Quarry Tile	Location 20% 10% 10% 40% Broken/M	n : Apparati Now issing Elem	\$2,500 sents, Extent: Mode	LIFE 2032 2036 2023	** ** ** ** \$49,500	5 5 5	\$6,500 \$1,500 \$2,200	
Cast in Place Concrete Ceramic Tile Quarry Tile	Location 20% 10% 10% 40% Broken/M. Location	Now issing Elem	\$2,500 sents, Extent : Mode	LIFE 2032 2036 2023 erate, Ar	** ** ** \$49,500 rea Affected: 10%	5 5 5	\$6,500 \$1,500 \$2,200	
Cast in Place Concrete Ceramic Tile Quarry Tile	Location 20% 10% 10% 40% Broken/M Location Worn/Eroc	Now issing Elem : Through ded, Extent	\$2,500 sents, Extent : Modeout : Moderate, Area A	LIFE 2032 2036 2023 erate, Ar	** ** ** \$49,500 rea Affected: 10%	5 5 5	\$6,500 \$1,500 \$2,200	
Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile	Location 20% 10% 10% 40% Broken/M Location Worn/Eroc	Now issing Elem	\$2,500 sents, Extent : Modeout : Moderate, Area A	LIFE 2032 2036 2023 erate, Ar	** ** ** \$49,500 rea Affected: 10%	5 5 5	\$6,500 \$1,500 \$2,200	
Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile	Location 20% 10% 10% 40% Broken/M Location Worn/Eroc Location	Now issing Elem : Through ded, Extent	\$2,500 sents, Extent : Modeout : Moderate, Area A	LIFE 2032 2036 2023 erate, Ar	** ** ** \$49,500 rea Affected: 10%	5 5 5 3	\$6,500 \$1,500 \$2,200 \$2,200	
Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Interior Walls Concrete Masonry Unit	Location 20% 10% 10% 40% Broken/M. Location Worn/Eroc Location 35%	Now issing Elem : Through ded, Extent	\$2,500 sents, Extent : Modeout : Moderate, Area A	LIFE 2032 2036 2023 erate, Ar	** ** ** \$49,500 rea Affected: 10% : 25%	5 5 5 3	\$6,500 \$1,500 \$2,200 \$2,200 \$2,200	
Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Interior Walls Concrete Masonry Unit Gypsum Board	Location 20% 10% 10% 40% Broken/M Location Worn/Eroc Location 35% 30%	Now issing Elem : Through ded, Extent	\$2,500 sents, Extent : Modeout : Moderate, Area A	LIFE 2032 2036 2023 erate, Ar Affected LIFE LIFE	** ** ** \$49,500 ea Affected: 10% : 25%	5 5 5 3	\$6,500 \$1,500 \$2,200 \$2,200	
Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Interior Walls Concrete Masonry Unit Gypsum Board SGFT/Glazed Masonry	Location 20% 10% 10% 40% Broken/M. Location Worn/Eroc Location 35%	Now issing Elem : Through ded, Extent	\$2,500 sents, Extent : Modeout : Moderate, Area A	LIFE 2032 2036 2023 erate, Ar	** ** ** \$49,500 rea Affected: 10% : 25%	5 5 5 3	\$6,500 \$1,500 \$2,200 \$2,200 \$2,200	
Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Vinyl Tile Interior Walls Concrete Masonry Unit Gypsum Board SGFT/Glazed Masonry Ceilings	Location 20% 10% 10% 40% Broken/M Location Worn/Eros Location 35% 30% 35%	Now issing Elem : Through ded, Extent	\$2,500 sents, Extent : Modeout : Moderate, Area A	LIFE 2032 2036 2023 erate, Ar	** ** ** \$49,500 rea Affected: 10% : 25% ** **	5 5 5 3	\$6,500 \$1,500 \$2,200 \$2,200 \$2,200 \$3,700	
Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Vinyl Tile Interior Walls Concrete Masonry Unit Gypsum Board SGFT/Glazed Masonry Ceilings AcousTileSusp.Lay-In	Location 20% 10% 10% 40% Broken/M Location Worn/Eroc Location 35% 30% 35%	Now issing Elem : Through ded, Extent	\$2,500 sents, Extent : Modeout : Moderate, Area A	LIFE 2032 2036 2023 erate, Ar LIFE LIFE LIFE 2028	** ** ** \$49,500 rea Affected: 10% : 25% ** ** **	5 5 5 3 5 5	\$6,500 \$1,500 \$2,200 \$2,200 \$2,200 \$3,700	
Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Vinyl Tile Interior Walls Concrete Masonry Unit Gypsum Board SGFT/Glazed Masonry Ceilings AcousTileSusp.Lay-In Exposed Concrete	Location 20% 10% 10% 40% Broken/M. Location Worn/Eroc Location 35% 30% 35% 15%	Now issing Elem : Through ded, Extent	\$2,500 sents, Extent : Modeout : Moderate, Area A	LIFE 2032 2036 2023 erate, Ar Affected LIFE LIFE LIFE 2028 LIFE	** ** ** \$49,500 rea Affected: 10% : 25% ** ** **	5 5 5 3 5 5 5	\$6,500 \$1,500 \$2,200 \$2,200 \$2,200 \$3,700 \$2,200 \$300	
Cast in Place Concrete Ceramic Tile Quarry Tile Vinyl Tile Vinyl Tile Interior Walls Concrete Masonry Unit Gypsum Board SGFT/Glazed Masonry Ceilings AcousTileSusp.Lay-In	Location 20% 10% 10% 40% Broken/M Location Worn/Ero Location 35% 30% 35% 15% 15% 70%	Now issing Elem : Through ded, Extent : Through	\$2,500 sents, Extent : Modeout : Moderate, Area A	LIFE 2032 2036 2023 erate, Arfected LIFE LIFE LIFE LIFE LIFE LIFE LIFE LIFE	** ** \$49,500 rea Affected: 10% ** ** ** ** ** ** **	5 5 5 3 5 5	\$6,500 \$1,500 \$2,200 \$2,200 \$2,200 \$3,700	

Site Enclosure

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

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 35/LADDER 14/ BATTALION 12

Asset #: 13023

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%			2033	* *			
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%	Now	\$7,500	2036	* *			
	Cracking/C	Crumbling,	Extent : Moderate	, Area Aj	ffected : 15%			
	Location	: Front Rig	ght Side Of Buildin	g				

			Replacement		aintenance	
% of Fail Date Es Total (Years)			Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%	203	33	* *	5	\$300	
		Affecte	ed : 100%			
Location: Basement Sc	ervice Room.					
Explanation: 300 Amp	Service Equipment .	Panel	Cover Has Been	Remove	rd.	
80%	203	33	* *	1		
20%	204	19	* *	1		
40%	203	31	* *	5	\$100	
60%	203	39	* *	5	\$200	
100%	203	33	* *	1		
100%	203	36	* *	5	\$100	
100%	LII	$^{7}\mathrm{E}$	* *	5	\$200	
Other Observation, Exte	nt : Moderate, Area A	Affecte	ed : 100%			
Location: Basement St	torage Room.					
Explanation: Old Style	e Collector Bus.					
100%	204	40	* *	1	\$3,400	
Other Observation, Exte	nt : Light, Area Affec	ted:	100%			
Location: Basement N	lear Heating System.					
Explanation: 200 Amp	Transfer Switch.					
	100% Other Observation, Exte Location: Basement S. Explanation: 300 Amp 80% 20% 40% 60% 100% 100% Other Observation, Exte Location: Basement S. Explanation: Old Style 100% Other Observation, Exte Location: Basement S. Explanation: Old Style	Total (Years) 100% 200 Other Observation, Extent: Moderate, Area of Location: Basement Service Room. Explanation: 300 Amp Service Equipment: 80% 200 200 200 40% 200 100% 200 100% 200 100% 200 100% LIR Other Observation, Extent: Moderate, Area of Location: Basement Storage Room. Explanation: Old Style Collector Bus.	Total (Years) 100% 2033 Other Observation, Extent: Moderate, Area Affect Location: Basement Service Room. Explanation: 300 Amp Service Equipment Panel 80% 2033 20% 2049 40% 2031 60% 2039 100% 2033 100% 2036 LIFE Other Observation, Extent: Moderate, Area Affect Location: Basement Storage Room. Explanation: Old Style Collector Bus.	Total (Years) FY	Total (Years) FY (Yrs)	Total (Years) FY (Yrs)

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.

FIRE DEPARTMENT - 057 ENGINE CO. 35/LADDER 14/ BATTALION 12

Asset #: 13023

Electrical		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
Lighting								
Interior Lighting								
Fluorescent	55%			2028	* *	10	\$5,500	
	_		Light, Area Affecte	ed: 100%	6			
	Location	: Basemer	nt And 1st Floor					
Fluorescent	20%	2-4	\$13,600	2033	* *			
	Not in Ser	vice, Exten	t : Moderate, Area	Affected	: 100%			
	Location	: Through	out					
	T-12 Lamp	s, Extent :	Light, Area Affecte	ed : 100%	6			
	Location	: Through	out					
Fluorescent	25%			2028	* *	10	\$2,500	
	T-8 Lamps	, Extent : 1	Light, Area Affected	d: 100%			. ,	
	Location	: 2nd Floo	or					
Egress Lighting								
Exit, Service	50%			2028	* *	1		
	Recent Ins	tallation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Through	out Building					
No Component	50%							
Exterior Lighting								
HID	100%			2023	\$40,200	10		
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Facade A	And Yard					
	Explana	tion : Wall	Mounted, Controll	ed Via Pl	hotocell			
Alarm								
Fire/Smoke Detection								
Generic	100%			2023	\$110,300	1-3	\$6,900	

Mechanical	Curr	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail l Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment Hot Water Boiler	100% 0-2 Malfunctioning, Location: Bas	Extent : Severe, Area A	2043 ffected :	**	1	\$4,900	
	Obsolete Equipm Location : Bas	nent, Extent : Severe, Ai ement	ea Affec	ted : 100%			
Distribution							
Hot Wtr Piping/Pump	100%		2031	* *	4	\$500	
Terminal Devices							
Convector/Radiator	90%		2028	* *	1	\$3,200	
Unit Heater-Stm/HW	10%		2023	\$6,900	4	\$100	
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 35/LADDER 14/ BATTALION 12

Asset #: 13023

Mechanical	Current Repair	Future Repla	cement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima	ated Cost	Cycle (Yrs)	Estimated Cost	Priority
ir Conditioning Conversion Equipment Window/Wall Unit No Component	80% 20%	2018	\$17,500	1		
Tro Component	Other Observation, Extent: Light, Area Location: Roof Explanation: Package Units Out Of S Window Units		ed In Place	/ Load C	overed By	
entilation						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$6,100	
Exhaust Fans					·	
Roof	100%	2023	\$8,500	2	\$300	
lumbing						
H/C Water Piping						
Brass/Copper	100%	2033	* *	1		
Water Heater						
Gas Fired	100%	2021	\$2,500	2	\$200	
	Other Observation, Extent : Light, Area	ı Affected : 100%				
	Location : Basement					
	Explanation: 2 - 100 Gallon Units					
Sanitary Piping	100-					
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	1000		ale ale			
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	1000/	2017	Φ.C. 7 .0.0	4	Φ2.500	
Submersible	100%	2017	\$6,500	4	\$2,500	
	Other Observation, Extent: Light, Area	i Affectea : 100%	1			
	Location : Basement					
Dogleflass Duarrantan	Explanation : Duplex Unit					
Backflow Preventer No Component	95%					
Generic	5%	2028	* *	1		
Generic	Other Observation, Extent : Light, Area			1		
	Location : Basement	1119 јестей : 10070	'			
	Explanation : Serves Boiler Only					
Fixtures	Zupiumumon i genres zenten emig					
Generic	100%					
ire Suppression	10070					
Sprinkler						
No Component	95%					
r	Other Observation, Extent : Light, Area	ı Affected : 0%				
	Location : Kitchen					
	Explanation : Ansul System Serves Co	ooking Area				
Generic	5%	2033	* *	1-2	\$200	
-	Other Observation, Extent : Light, Area		!	- -	4 230	
	Location : Basement	55				
	Explanation: Connected To Domestic	c Water / Serves 1	Fuel Tank	Room		

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 37

Address : 415 WEST 125TH STREET

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSECO.037 / 13025 Yr Built/Renovated : 1974 / 2002

Area Sq Ft : 11,778 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Sep-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1966 Lot : 61 BIN : 1059547

CAPITAL	FY 2017 - 2020	FY 2021 - 2026		
Exterior Architecture	\$46,600	\$152,200		
Interior Architecture		\$44,100		
Electrical		\$116,400		
Total	\$46,600	\$312,700		
Importance Code A	\$46,600	\$152,200		
Importance Code B		\$160,500		
Total	\$46,600	\$312,700		

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$16,000			\$4,300
Interior Architecture	\$10,300	\$800		\$700
Electrical		\$800	\$200	
Mechanical	\$13,100	\$19,800	\$2,800	\$900
Total	\$39,400	\$21,400	\$2,900	\$5,900
Importance Code A	\$16,500	\$600	\$600	\$4,900
Importance Code B	\$19,200	\$20,800	\$2,400	\$1,000
Importance Code C	\$3,600			
Total	\$39,400	\$21,400	\$2,900	\$5,900



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

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

FIRE DEPARTMENT - 057 ENGINE CO. 37

Asset #: 13025

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
Exterior								
Exterior Walls								
Metal Sect. OHD	10%			2040	* *	5	\$8,600	
Pre-Cast Concrete	90%	0-2	\$16,000	LIFE	* *	5	\$80,400	
	_	Crumbling, 1 : Entrance	Extent : Moderate Door	, Area Aj	ffected : 10%			
Windows								
Aluminum	100%	Now	\$46,600	2048	* *	5	\$600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$2,800	
Pre-Cast Concrete	90%			LIFE	* *	5	\$20,400	
Roof								
Built-Up (BUR)	100%			2023	\$71,800	10	\$16,100	
nterior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$16,600	
Ceramic Tile	10%			2032	* *	5	\$1,500	
Quarry Tile	5%			2036	* *	5	\$1,100	
Vinyl Tile	35%			2023	\$44,100	3	\$2,700	
Interior Walls								
Cast in Place Concrete	10%		\$2,600	LIFE	* *			
			: Moderate, Area	Affected	: 80%			
	Location	ı : Basemen	t					
Ceramic Tile	10%			2032	* *	5	\$2,100	
Concrete Masonry Unit	40%			LIFE	* *	5	\$3,300	
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2028	* *	5	\$1,500	
Exposed Concrete	20%			LIFE	* *	5	\$500	
Gypsum Board	70%	0-2	\$5,200	LIFE	* *	5	\$13,300	
		-	ents, Extent : Light	t, Area A	ffected : 5%			
	Location	n : Second F	Floor					

lectrical	Current Repair	Futu	re Replacement	М	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2043	* *	5	\$100	
	Other Observation, Extent : Light, Area	Affected	! : 100%			
	Location: Basement					
	Explanation: 400 Amps.					
Raceway						
Conduit	100%	2033	* *	1		
Panelboards						
Molded Case Bkrs	100%	2039	* *	5	\$300	

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 37

Asset #: 13025

Electrical	Current Repair	Future Re	placement	Ma		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Wiring						
Thermoplastic	100%	2033	* *	1		
Motor Controllers						
Locally Mounted	100%	2028	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Lighting						
Interior Lighting						
Fluorescent	99%	2023	\$73,000	10	\$10,700	
	Other Observation, Extent: Light, Location: Throughout Explanation: Mostly T-8	Area Affected : 100	0%			
Incandescent	1%	2018	\$700	2		
	1 70	2010	\$700			
Egress Lighting Emergency, Service	98%	2023	\$5,500	1		
Exit, Service	2%	2023	. ,	1		
	Lens/Guard Missing, Extent : Light Location : Second Floor		00%			
Exterior Lighting						
HID	100%	2023	\$43,400	10		

Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source	1000/			2040	* *	1		
Natural Gas	100%			2049		1		
Conversion Equipment Hot Water Boiler	100%			2028	* *	1	\$5,800	
Distribution Hot Wtr Piping/Pump	-		\$1,200 nt : Light, Area Affi ing Pumps	2031 ected : 1	**	4	\$600	
Terminal Devices								
Convector/Radiator	80%			2028	* *	1	\$3,000	
Unit Heater-Stm/HW	20%			2023	\$14,900	4	\$200	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2028	* *	2	\$100	
Window/Wall Unit	80%			2018	\$18,900	1		
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	\$3,100	
No Component	80%							

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 37

Asset #: 13025

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
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,600	
Exhaust Fans								
Interior	20%			2023	\$2,500	2	\$100	
Roof	80%	Now	\$3,700	2028	* *	2	\$200	
			'erate, Area Affecte		ó			
	Location	: <i>Roof</i> / 2	Of 4 Need Replace	ment				
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Galv Iron/Steel	80%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	\$2,700	2	\$200	
			xtent : Light, Area	Affected	: 100%			
	Location	: Basemen	t					
	Explana	tion : 2 - 75	Gallon Units					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	\$6,500	4	\$2,500	
Fixtures								
Generic	100%							

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 39/LADDER CO. 16 (COMBINED FACILITY)

Address : 157 EAST 67th STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 12,960 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Jun-2015 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Basement, Floors 1,2,3

Block : 1402 Lot : 29 BIN : 1072190

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture Electrical		\$44,100 \$59,000
Total		\$103,100
Importance Code B		\$103,100
Total		\$103,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$13,800	\$300	\$4,200	
Interior Architecture	\$53,500		\$3,400	\$1,700
Electrical	\$5,700			\$200
Mechanical	\$44,200	\$1,300	\$7,800	\$500
Total	\$117,200	\$1,600	\$15,400	\$2,400
Importance Code A	\$13,800	\$300	\$4,200	
Importance Code B	\$85,700	\$1,300	\$11,200	\$1,300
Importance Code C	\$17,700			\$1,100
Total	\$117,200	\$1,600	\$15,400	\$2,400



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

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

Asset #: 13027

Architecture		Current	Repair	Futur	Future Replacement		Maintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
kterior								
Exterior Walls	CO 0/			LIDD	* *	5	\$20,000	
Masonry: Brick	60%	nca Extan	t : Light, Area Affec	LIFE		5	\$20,000	
		: Front F	-	леа . 570				
Masonry: Brownstone	25%			LIFE	* *	5	\$6,300	
Masoniy. Brownstone)iscolorino	, Extent : Light, Are			3	\$0,300	
	_	: Front F	_	ia rijjeen				
Masonry: Granite	5%			LIFE	* *	5	\$1,300	
Wood Overhead Doors	10%			2039	* *	5	\$8,400	
Windows	1070						Ψο,	
Aluminum	100%			2048	* *	5	\$500	
Parapets								
Not Accessible	100%							
Roof								
Not Accessible	100%							
terior								
Floors Cast in Place Concrete	45%			LIFE	* *	5	\$38,200	
Cast in Flace Concrete Ceramic Tile	5%	2-4	\$1,000	2035	* *	5	\$50,200	
Ceranne The			nents, Extent : Mod		ea Affected : 5%	3	Ψ500	
		: Toilets	,	,	3,5			
Panel/Paver: Concrete	10%			2052	* *			
Quarry Tile	5%	2-4	\$1,500	2031	* *	5	\$700	
,	Broken/Missing Elements, Extent: Moderate, Area Affected: 5%							
	Location	: Kitchen						
Terrazzo	10%			LIFE	* *	5	\$3,000	
Vinyl Tile	25%	Now	\$4,400	2026	\$44,100	3	\$1,800	
	Broken/Mi	issing Elen	nents, Extent : Ligh	t, Area Aj	ffected : 5%			
	Location	: 3rd Floo	or Laundry Room.					
			t : Moderate, Area A	Affected :	50%			
	Location	: Various	Locations					
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	\$5,500	
Ceramic Tile	10%	2.4	Φ2.000	2035	* *	5	\$2,200	
Concrete Masonry Unit		2-4	\$3,900	LIFE		5	\$1,300	
		-	nents, Extent : Seve nt Corridor	re, Area I	Ајјестеа : 2%			
Glassi Singla Dana	5%	. Dascine	50111401	IIEE	* *		¢1 600	
Glass: Single Pane	5% 5%	Now	\$1,500	LIFE LIFE	* *	5 5	\$1,600 \$700	
Gypsum Board			\$1,300 , Extent : Moderate			3	\$700	
		_	, Extent . Moderate And Gymnasium	, лгеи Ај	<i>jecieu</i> . 10/0			
SCET/Clazed Massacra	55%	. 2011180		LIFE	* *	10	\$6,000	
SGFT/Glazed Masonry	33%			LIFE		10	\$0,000	

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

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

Asset #: 13027

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	35%			2039	* *	5	\$6,800	
Exposed Concrete	50%	Now	\$6,700	LIFE	* *	5	\$1,500	
	Spalling, Extent: Light, Area Affected: 2%							
	Location	: Apparate	us Floor.					
Gypsum Board	15%	Now	\$1,600	LIFE	* *	5	\$3,600	
• •	Broken/Mi	ssing Elem	ents, Extent : Mode	erate, Ar	rea Affected : 25%			
	Location	: Gymnasi	ium And Lounge					
	Cracking/0	Crumbling,	Extent : Moderate	, Area Aj	ffected : 25%			
	Location	: Gymnasi	ium	· ·	-			

Electrical	Current Repair	Futur	e Replacement	M	aintenance					
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
Under 600 Volts										
Service Equipment										
Not Accessible	100%									
	Other Observation, Extent: Light, Area Affected: 0%									
	Location : In Police Precin	ct								
	Explanation : Main Service	?								
Switchgear / Switchboard										
Not Accessible	100%									
Raceway										
Conduit	100%	2036	* *	1						
Panelboards										
Molded Case Bkrs	100%	2025	\$41,200	5	\$300					
Wiring										
Thermoplastic	100%	2036	* *	1						
Motor Controllers										
Locally Mounted	100%	2031	* *	5	\$100					
Ground										
Grounding Devices										
Not Accessible	100%									
	Other Observation, Extent:	Light, Area Affected	: 0%							
	Location : In Police Precin	ct								
	Explanation: Ground									
Lighting										
Interior Lighting										
Fluorescent	20%	2026	\$17,800	10	\$2,400					
	T-8 Lamps, Extent: Light, A.	rea Affected : 100%								
	Location: Throughout									
Fluorescent	80%	2031	* *	10	\$9,500					
	T-8 Lamps, Extent: Light, A				+- ,- 00					
	Location : Throughout	33								

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

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

Asset #: 13027

Electrical		Current I	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2026	\$3,400	1		
Exit, Service	50%			2026	\$800	1		
Exterior Lighting								
HID	5%			2026	\$2,600	10		
No Component	95%							
Lightning Protection								
Arresters/Cabling								
Not Accessible	100%							
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	Now	\$5,700	2031	* *			
	Devices M	issing, Ext	ent : Severe, Area	Affected .	: 100%			
	Location	: Through	out					
	Local/Batt	tery Operat	ted Detect, Extent .	Severe,	Area Affected : 100	0%		
	Location	: Through	out					

Mechanical	Current Repair	Future I	Replacement	М	aintenance						
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority					
Heating											
Energy Source											
Electricity	50%	2046	* *	1							
Not Accessible	50%										
	Other Observation, Extent: Light, Area Affected: 0%										
	Location: Throughout										
	Explanation : Located In Adjacent But	lding									
Conversion Equipment											
Not Accessible	100%										
	Other Observation, Extent : Light, Area	Affected : 0	0%								
	Location: Throughout										
	Explanation : Located In Adjacent But	lding									
Distribution											
Not Accessible	100%										
	Other Observation, Extent : Light, Area	Affected : 0	0%								
	Location : Throughout										
	Explanation: Located In Adjacent But	lding									

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

Asset #: 13027

Mechanical	Current Re	pair	Future F	Replacement	M				
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating									
Terminal Devices Convector/Radiator	50% Now	\$32,700	2031	* *	1	\$1,000			
Convector/Radiator	Other Observation, Ext	1 - 7			1	\$1,900			
	Location : Various Lo			u . 10070					
	Explanation : Not End	_							
Fan Coil Unit/Heat	50%		2031	* *	1	\$2,100			
	Other Observation, Ext	ent : Moderate, A	rea Affecte	d: 100%		, ,			
	Location: Various Lo	cations Througho	out						
	Explanation : Electric	: Heaters. Steam S	Service Ina	dequate					
Air Conditioning									
Energy Source	1000/		20.42	* *	1				
Electricity Conversion Equipment	100%		2042	* *	1				
Conversion Equipment Window/Wall Unit	20% 4+	\$2,800	2024	\$5,700	1				
Window/ Wair Offic	On Extended Life, Exten	. ,			1				
	Location : Various Lo								
Not Accessible	80%								
1,00110000000000	Other Observation, Ext	ent : Light, Area	Affected : 0	9%					
	Location : Throughou								
	Explanation : Located	l In Adjacent Buil	ding						
Distribution									
Ductwork/Diffusers	100%		LIFE	**	2	\$21,100			
	Abandoned in Place, Ex Location : Various Lo	_		100%					
Terminal Devices	Location . Various Lo	canons Inroughe	<i>,</i>						
Not Accessible	100%								
	Other Observation, Ext	ent : Light, Area	Affected : 0	9%					
	Location: Throughou	t							
	Explanation : Located	l In Adjacent Buil	ding						
Heat Rejection									
Not Accessible	100%		1.00 1.0						
	Other Observation, Ext	-	Affected : U	9%					
	Location : Throughout Explanation : Located In Adjacent Building								
ventilation Ventilation	<i>Елрининон</i> . Localed	тилијасет Вин	umg						
Distribution									
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,400			
Exhaust Fans									
Interior	100%		2026	\$15,300	2	\$400			
Plumbing									
H/C Water Piping	1000/		2026	ىك يات	1				
Brass/Copper	100% Booster Pump w/Tank,	Extent , I : alst A	2036	**	1				
	Location : Triplex Pu	_	еи Ајјестеа	. 10070					

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 39/LADDER CO. 16 (COMBINED FACILITY)

Asset #: 13027

Mechanical	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			
Plumbing										
Water Heater										
Electric	100%		2019	\$2,100	4	\$100				
	Other Observation, I	~	Affected	: 100%						
	Location : 2nd Floor									
	Explanation: 1 - 1	20 Gallon Unit Use	d As Bac	кир						
Sanitary Piping										
Cast Iron	100%		LIFE	* *	1					
Storm Drain Piping										
Cast Iron	100%		LIFE	* *	1					
Sump Pump(s)										
Rigid Piping	100%		2026	\$11,800	4	\$2,500				
	Other Observation, I	Extent : Light, Area	Affected	: 100%						
	Location: Garage									
	Explanation: Dup	lex Unit								
Fixtures							,			
Generic	100%									
Fire Suppression							,			
Sprinkler										
No Component	15%									
No Component	85%									
-	Other Observation, I	Extent : Light, Area	Affected	: 0%						
	Location: Kitchen									
	Explanation: Syste	em								

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE

Address : 42 SOUTH STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.004 / 13003 Yr Built/Renovated : 1987 /

Area Sq Ft : 15,750 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Floors 1,2,3

Block : 35 Lot : 1 BIN : 1000867

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$80,000	\$64,700
Interior Architecture		\$58,600
Electrical		\$64,300
Mechanical	\$39,600	
Total	\$119,700	\$187,600
Importance Code A	\$80,000	\$64,700
Importance Code B	\$39,600	\$122,900
Total	\$119,700	\$187,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$32,100			
Interior Architecture	\$84,800		\$2,100	\$900
Electrical	\$12,500	\$1,100	\$4,200	\$1,100
Mechanical	\$11,700	\$1,700	\$7,900	\$1,300
Total	\$141,100	\$2,800	\$14,200	\$3,300
Importance Code A	\$32,900	\$800	\$800	\$800
Importance Code B	\$71,200	\$2,000	\$13,400	\$2,500
Importance Code C	\$37,000			
Total	\$141.100	\$2,800	\$14,200	\$3,300



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

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

FIRE DEPARTMENT - 057

ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE

Asset #: 13003

Architecture		Current I	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls Masonry: Granite Metal Panel	45% 10%			LIFE 2046	* *	5 5-10	\$38,800 \$39,600		
Wood Overhead Doors	Location Worn/Eroc	: Various	: Moderate, Area			5	\$64,700		
Windows									
Aluminum		2-4 led, Extent : Front Of	\$6,900 : Light, Area Affect Building	2042 eted : 50%	* *	5	\$200		
Metal Louvers	Location Broken/Mi	: 3rd Floo	nents, Extent : Mod						
Roof									
Not Accessible	100%								
nterior Floors Cast in Place Concrete		0-2 Crumbling, : Entry Sta	\$2,600 Extent : Moderate	LIFE , Area Aj	* * ffected : 2%	5	\$28,300		
	Paint Peel	ing, Extent	ur : Light, Area Affec or Corridor.	cted : 10%	%				
Ceramic Tile		led, Extent : Various	: Light, Area Affec Locations	2029 eted : 50%	**	5	\$2,400		
Quarry Tile			: Light, Area Affec Locations	2039 eted : 10%	* *	5	\$1,800		
Vinyl Tile	Location Worn/Eroc	: Various	: Light, Area Affec		•	3	\$2,600		
Interior Walls									
Ceramic Tile	Location Worn/Eroc	: Various led, Extent	\$4,800 nents, Extent: Ligh Locations : Light, Area Affector Bathroom.		-	5	\$1,800		
Gypsum Board	45%			LIFE	* *	5-10	\$27,500		
SGFT/Glazed Masonry	40%			LIFE	* *	10	\$7,200		
Wood	5%			LIFE	* *	5	\$14,400		

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE

Asset #: 13003

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%	Now	\$11,200	2039	* *	5	\$3,500	
	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	rea Affected : 25%			
	Location	: 2nd Floo	r					
	Staining/L	Discoloring,	Extent : Moderate	, Area A	ffected : 50%			
	Location	: 2nd Floo	r					
Exposed Struc: Steel	40%			LIFE	* *	10	\$18,800	
Fiber Board	15%	Now	\$4,500	2026	\$22,500			
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%			
	Location	: 3rd Floo	r Laundry Room.					
	Explana	tion : Expo	sed Silver / Foil In	sulation .	Delaminated And I	Puncture	d.	
Gypsum Board	15%			LIFE	* *	5-10	\$12,100	

Current Repair	Futur	e Replacement	М						
% of Fail Date Estimated Cos Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority				
			5	\$100					
	ea Affected	: 100%							
Explanation: 800 Amps, 480v, 3 Ph	ase								
80%		\$24,500	1						
20%	2036	* *	1						
25%	2034	* *	5	\$100					
Other Observation, Extent: Light, Are									
Location: Electrical Room									
Explanation: 800a Main Panel									
75%	2034	* *	5	\$300					
100%	2036	* *	1						
100%	2031	* *	5	\$100					
100%									
100%	2031	* *	1	\$4,900					
				•					
100%	2022	\$64,300	1	\$6,100					
Location: Mechanical Room									
Explanation: 250 Kva, 480v									
	100% Other Observation, Extent: Light, Ar. Location: Electrical Room Explanation: 800 Amps, 480v, 3 Ph. 80% 20% 25% Other Observation, Extent: Light, Ar. Location: Electrical Room Explanation: 800a Main Panel 75% 100% 100% 100% 100% Other Observation, Extent: Light, Ar. Location: Electrical Room Explanation: 800a Main Panel	No of Fail Date Estimated Cost Total (Years) Year FY	% of Total Fail Date Estimated Cost Year Estimated Cost Total (Years) FY Estimated Cost Total (Years) FY Estimated Cost FY E	No of Total Fail Date Estimated Cost Year Estimated Cost Cycle FY	Note Fail Date Estimated Cost Fail Date (Years) (Years) Fail Date (Years) (Years				

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE

Asset #: 13003

Electrical	С	urrent Repai	r	Future Replacement		Maintenance		Maintenance			
System Component Type		il Date Esti Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Stand-by Power											
Batteries											
Lead/Acid	100%			2019	\$1,500	5	\$600				
Fuel Storage											
Day Tank	100%			2034	* *	5	\$2,900				
	Other Observ		-	Affected	: 100%						
		1echanical R									
	Explanation	: 85 Gallons	·.								
Lighting											
Interior Lighting	1000/			2021	ale ale	10	41.4.400				
Fluorescent	100%			2031	**	10	\$14,400				
	Motion Senso		tent : Light, A	Area Affe	cted: 70%						
	Location : Throughout T-8 Lamps, Extent : Light, Area Affected : 100%										
	•		Area Affecte	d : 100%							
	Location : T	hroughout									
Egress Lighting	7 0										
Emergency, Service	50%			2026	\$3,800	1					
Exit, Service	50%			2026	\$900	1					
Exterior Lighting											
HID	10%			2026	\$5,800	10					
No Component	90%										
Alarm											
Fire/Smoke Detection	0.00										
No Component	93%	_	***								
Generic, Analog		Now	\$11,200	2036	**						
	Devices Missing, Extent: Severe, Area Affected: 100%										
	Location : T		_								
		-	etect, Extent :	Light, A	rea Affected : 1009	%					
	Location : T	hroughout									

Mechanical	Current I	Repair F	Future	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)		'ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Electricity	2%	20	046	* *	1		
Natural Gas	98%	20	046	* *	1		
Conversion Equipment							
Hot Water Boiler	100%	20	039	* *	1	\$7,800	
	Other Observation, E	Extent : Light, Area Affe	ected	: 100%			
	Location: 3rd Floo	r					
	Explanation : Direc	ct Vent Boiler					
Distribution							
Hot Wtr Piping/Pump	100%	20	042	* *	4	\$1,200	
Terminal Devices							
Convector/Radiator	40%	20	039	* *	1	\$2,000	
Fan Coil Unit/Heat	60%	2	031	* *	1	\$3,100	

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.

FIRE DEPARTMENT - 057 ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE

Asset #: 13003

Mechanical	Current Repai	r Futur	Future Replacement Maintenance						
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Air Conditioning									
Energy Source									
Electricity	100%	2048	* *	1					
Conversion Equipment Int Pkg Unit - Cooling	50% 2-4 R-22 Refrigerant, Extent: Location: 3rd Floor	\$39,600 2030 Light, Area Affected :	* *	2	\$400				
		· Moderate Area Affe	otad · 300/						
	Other Observation, Extent : Moderate, Area Affected : 30% Location : 3rd Floor								
	Explanation : No Insulat	ion On Outside Air Du	ete						
Split Unit	50%	2031	**						
Distribution Distribution	3070	2031							
Ductwork/Diffusers	100%	LIFE	* *	2	\$25,600				
Ventilation	100/0	LII L			Ψ25,000				
Distribution									
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$13,900				
Exhaust Fans					1 2 7 2 2				
Interior	100%	2031	* *	2	\$500				
Plumbing									
H/C Water Piping									
Brass/Copper	100%	2046	* *	1					
Water Heater									
Gas Fired	100%	2021	\$3,600	2	\$200				
	Other Observation, Extent	: Light, Area Affected	: 100%						
	Location: 3rd Floor								
g	Explanation : Indirect Fi	red From Boiler / 1 - 1	20 Gallon Unit						
Sanitary Piping	1000/	LIEE	* *	1					
Cast Iron	100% Malfunctioning, Extent: M Location: Basement	LIFE Ioderate, Area Affected		1					
	Other Observation, Extent : Moderate, Area Affected : 20% Location : Basement								
<u></u>	Explanation: During Ra	in Sanitary Backs Up	Into Fire Station						
Storm Drain Piping									
Cast Iron	100%	LIFE	* *	1					
Fixtures									
Generic	100%								

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 48 DIVISION 7 COMMAND CENTER

Address : 2417 WEBSTER AVENUE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 11,300 Project Type : FIRE DEPARTMENT

Date of Survey : 19-Sep-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 3025 Lot : 25 BIN : 2011061

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$63,000	
Electrical	\$64,300	\$47,700
Total	\$127,300	\$47,700
Importance Code A	\$63,000	
Importance Code B	\$64,300	\$47,700
Total	\$127,300	\$47,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$9,600	\$3,900	\$13,000	
Interior Architecture	\$7,100			\$800
Electrical	\$30,800	\$12,000	\$800	\$800
Mechanical	\$2,200	\$2,400	\$3,000	\$2,400
Total	\$49,700	\$18,300	\$16,900	\$4,000
Importance Code A	\$14,900	\$4,500	\$13,600	\$600
Importance Code B	\$33,700	\$13,800	\$3,300	\$3,400
Importance Code C	\$1,100			
Total	\$49,700	\$18,300	\$16,900	\$4.000



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

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

FIRE DEPARTMENT - 057 ENGINE CO. 48 DIVISION 7 COMMAND CENTER

Asset #: 13036

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Cast in Place Concrete	5%		\$2,700	LIFE	* *	5	\$4,800	
	-	Reinforceme 1 : Various	ent, Extent : Moder Locations	ate, Area	ı Affected : 5%			
Masonry: Brick	75%			LIFE	* *	5	\$14,500	
Metal Panel	10%			2033	* *	5-10	\$13,300	
Metal Sect. OHD	10%			2036	* *	5	\$6,100	
Windows								
Aluminum	100%	Now	\$6,900	2045	* *	5	\$800	
			ıt : Severe, Area Af	fected : I	10%			
	Location	ı : Bunk Ro	om, Kitchen					
	Ctrwt/Bal	nc Not Fun	ct, Extent : Severe,	Area Aff	fected : 10%			
	Location	ı : Bunk Ro	om, Kitchen					
Parapets								
Masonry: Brick	90%			LIFE	* *	5	\$1,400	
Metal Panel	10%			2043	* *	5	\$600	
Roof								
Roll Roofing	100%			2019	\$63,000	5	\$26,000	
terior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	\$16,400	
Ceramic Tile	5%			2032	* *	5	\$800	
Quarry Tile	10%			2036	* *	5	\$2,500	
Vinyl Tile	40%		\$5,500	2031	* *	3	\$2,500	
			: Light, Area Affec					
	Location	ı : Second I	Floor Corridor, Bu	nk Room	, Locker Room			
Interior Walls								
Ceramic Tile	10%			2032	* *	5	\$2,300	
Concrete Masonry Unit	30%			LIFE	* *	5	\$2,800	
Gypsum Board	20%			LIFE	* *	5	\$2,800	
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	60%			2036	* *	5	\$10,000	
Exposed Concrete	40%			LIFE	* *	5	\$1,000	

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
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%	0-2	\$4,700	2053	* *	5	\$100	
	Obsolete I	Equipment,	Extent : Severe, Ar	ea Affect	ted : 100%			
	Location	ı : Apparatı	ıs Floor					
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	\$47,700	5		

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 48 DIVISION 7 COMMAND CENTER

Asset #: 13036

Electrical	Curren	t Repair	Futur	e Replacement	M		
System Component Type	% of Fail Dat Total (Years	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts							
Raceway							
Conduit	65%		2023	\$19,900	1		
Conduit	35%		2043	* *	1		
Panelboards							
Molded Case Bkrs	Location : Throug	\$24,500 at, Extent : Severe, Ar ghout Firehouse Extent : Severe, Area			5	\$100	
	Location: Throug		11,500,000	. 100,0			
Molded Case Bkrs	35%	,	2039	* *	5	\$100	
Wiring						,	
Thermoplastic	65%		2023	\$17,600	1		
Thermoplastic	35%		2043	* *	1		
Motor Controllers							
Locally Mounted	100%		2021	\$14,100	5	\$100	
round							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	
tand-by Power							
Transfer Switches	400-					** * * * *	
Automatic	100%		2036	* *	1	\$3,500	
Generators Diesel	100% Other Observation, Location : Basem Explanation : 17.		2019 Affected	\$64,300 : 100%	1	\$4,400	
Batteries							
Lead/Acid	50%		2017	\$700	5	\$200	
No Component	50%						
ighting							
Interior Lighting	0.004		2020	ماد ماد	4.0	#10.200	
Fluorescent	99% Other Observation, Location : Throuş Explanation : Mo		2028 Affected	**: 100%	10	\$10,300	
Incandescent	1%		2018	\$700	2		
Egress Lighting							
Emergency, Battery	65%		2023	\$9,700	10	\$1,800	
Exit, Battery	35%		2028	* *	10	\$300	
Exterior Lighting							
HID	50%		2023	\$20,800	10		
No Component	50%						

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

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 48 DIVISION 7 COMMAND CENTER

Asset #: 13036

Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment	1000/			20.40	ale ale		Φ	
Hot Water Boiler	100%			2040	* *	1	\$5,600	
Distribution Hot Wtr Piping/Pump	100%			2045	* *	4	\$800	
Terminal Devices	100%			2043			\$600	
Convector/Radiator	100%			2040	* *	1	\$3,700	
Air Conditioning	10070			2010			Ψ3,700	
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	75%		\$800	2028	* *	2	\$400	
			Extent : Light, Area	Affected	: 100%			
	Location	-						
	Removed		Units Replaced Ext	erior Pa	ckage Unit. Out C)f Service	Unit Should Be	
No Component	25%							
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2	\$3,700	
		servation, E i : 2nd Floc	Extent : Light, Area	Affected	: 100%			
			n es Bunk Area					
No Component	75%	iioii . Berve	.s Dunk Mea					
Terminal Devices	1370							
Fan Coil - Cooling	25%			2028	* *	1	\$900	
No Component	75%			2020		•	Ψ	
Heat Rejection								
Remote Air Cond	75%			2028	* *	2	\$5,900	
No Component	25%							
Ventilation	<u> </u>							
Distribution	46-					- -	·	
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,300	
Exhaust Fans	1,000/			2020	* *	2	\$200	
Roof Plumbing	100%			2028		2	\$300	
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Втазы Соррег		Meter, Ext	ent : Light, Area Af		100%	•		
		ı : 1st Floor	-					
Water Heater								
Gas Fired	100%			2022	\$2,600	2	\$200	
			Extent : Light, Area	Affected	: 100%			
		i : 2nd Floo						
	Explana	tion : 2-75	Gallon Units					
Sanitary Piping	1000/			TIPP	* *	1		
Cast Iron	100%			LIFE	* *	1		

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

FIRE DEPARTMENT - 057 ENGINE CO. 48 DIVISION 7 COMMAND CENTER

Asset #: 13036

Mechanical	Current Re	pair Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
No Component	75%					
Generic	25%	2043	* *	1-2	\$800	
	Other Observation, Exte	ent : Light, Area Affected	: 100%			
	Location: 2nd Floor					
	Explanation: Partial	System Serves Command	Center And Corrid	lors		

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 50/LADDER CO. 19
Address : 1155 WASHINGTON AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.050 / 13037 Yr Built/Renovated : 1975 /

Area Sq Ft : 11,344 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2388 Lot : 45 BIN : 2001584

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$42,300
Electrical Total		\$79,900 \$122,200
Importance Code A		\$42,300
Importance Code B		\$79,900
Total		\$122,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$4,900			
Interior Architecture	\$15,700	\$1,300		\$600
Electrical	\$3,000	\$8,900	\$900	\$800
Mechanical	\$32,900	\$19,300	\$2,200	\$1,900
Total	\$56,400	\$29,400	\$3,100	\$3,300
Importance Code A	\$5,400	\$700	\$600	\$600
Importance Code B	\$51,000	\$28,700	\$2,600	\$2,700
Importance Code C	. ,	. ,	. ,	
Total	\$56,400	\$29,400	\$3,100	\$3,300



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

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

FIRE DEPARTMENT - 057 ENGINE CO. 50/LADDER CO. 19

Asset #: 13037

chitecture		Current I	Repair	Futur	re Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$16,000	
Metal Sect. OHD	15%			2036	* *	5	\$8,800	
Windows								
Aluminum	100%	Now	\$400	2039	* *	5	\$300	
			ents, Extent : Mod	erate, Ar	rea Affected : 50%			
	Location	: Basemen	t t					
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$1,400	
Masonry: Brick	90%			LIFE	* *	5	\$1,600	
Roof								
Roll Roofing	65%		\$1,400	2022	\$27,500	5	\$5,700	
			xtent : Moderate, A	rea Affe	ected : 20%			
	Location	ı : Weight I	Room					
Roll Roofing	35%			2022	\$14,800	5	\$6,100	
erior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$18,400	
Ceramic Tile	10%			2026	\$31,800	5	\$1,700	
Quarry Tile	10%			2028	* *	5	\$2,500	
Vinyl Tile	30%	2-4	\$8,400	2031	* *	3	\$1,900	
		_	ents, Extent : Mod	erate, Ar	rea Affected : 30%			
	Location	: Second I	Floor					
Interior Walls				•	. د د د د ه	-		
Ceramic Tile	10%			2026	\$16,900	5	\$600	
Concrete Masonry Unit	60%			LIFE	* *	5	\$1,500	
Plaster	10%			LIFE	* *	5	\$200	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings		_						
AcousTileSusp.Lay-In	55%	0-2	\$7,300	2028	* *	5	\$4,600	
		_	ents, Extent : Mod	erate, Ar	rea Affected : 10%			
			or Throughout					
			xtent : Moderate, A Chiefs Office And	00				
~	15%			LIFE	* *	5	\$400	
Exposed Concrete								

Electrical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2033	* *	5	\$300	
Switchgear / Switchboard							
Molded Case Bkrs	100%		2033	* *	5	\$300	

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 50/LADDER CO. 19

Asset #: 13037

Electrical	Current Repair	Current Repair Future Replaceme		M		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2033	* *	1		
Panelboards	0004	2020	* *	_	Φ200	
Molded Case Bkrs	80%	2039	**	5	\$200	
Molded Case Bkrs	20%	2031		5	\$100	
Wiring Thermoplastic	100%	2033	* *	1		
Motor Controllers Locally Mounted	100%	2028	* *	5	\$100	
Stand-by Power						
Transfer Switches						
Automatic	100%	2021	\$4,700	1	\$3,500	
Generators Diesel	100% Other Observation, Extent : Light	2026 Area Affected : 1	\$64,300 100%	1	\$4,400	
	Location : Basement Explanation : 17.5 Kw	, mearyjeetea . 1				
Batteries Lead/Acid	100%	2017	\$1,500	5	\$400	
Fuel Storage						
Day Tank	50% Other Observation, Extent : Light Location : Basement	2022 , Area Affected : I	\$400	5	\$1,100	
	Explanation: 25 Gallons					
Main Tank	50% Other Observation, Extent: Light Location: Basement Explanation: 247.5 Gallons	2026 , Area Affected : I	\$700 100%	5	\$200	
Lighting						
Interior Lighting						
Fluorescent	75% Other Observation, Extent: Light Location: Throughout	2028 , Area Affected : 1	**	10	\$7,800	
T	Explanation : Mostly T-8	2022	Φ4 7	10	\$2.2 00	
Fluorescent	22%	2023	\$15,600	10	\$2,300	
HID Incondescent	1%	2023	\$400	10		
Incandescent Egress Lighting	2%	2023	\$1,400	2		
Emergency, Service	100%	2023	\$5,500	1		
Exterior Lighting HID	30%	2023	\$12,600	10		
No Component	70%					

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

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 50/LADDER CO. 19

Asset #: 13037

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
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	\$5,600	
Distribution								
Hot Wtr Piping/Pump	100%			2039	* *	4	\$600	
Terminal Devices								
Convector/Radiator	90%			2040	* *	1	\$3,300	
Fan Coil Unit/Heat	10%	Now	\$3,300	2023	\$16,600	1	\$300	
			ent : Moderate, Area	ı Affecte	d: 100%			
	Location	: 1st Floo	r					
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	20%	0-2	\$28,500	2028	* *	2	\$100	
	Other Obs	ervation, E	Extent : Severe, Ared	a Affecte	d: 100%			
	Location	: 2nd Floo	or					
	Explana	tion : Unit	At End Of Useful L	ife / Use:	s City Water For C	ooling		
Window/Wall Unit	80%			2018	\$18,200	1		
Ventilation					•			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,300	
Exhaust Fans							· · · · · · · · · · · · · · · · · · ·	
Roof	100%			2028	* *	2	\$300	
Plumbing							<u> </u>	
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	\$2,600	2	\$200	
		ervation, E	Extent : Light, Area				, , ,	
		: Basemer						
	Explana	tion : 2 - 7:	5 Gallon Units					
Sanitary Piping	r							
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	100/0							
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	100/0			LH L		1		
Rigid Piping	100%			2028	* *	4	\$1,600	
Fixtures	100%			2020	•	-	φ1,000	
Generic	100%							
	100%							
Fire Suppression								
Sprinkler No Common and	0.007							
No Component	80%			20.40	* *	1.2	\$	
Generic	20%			2049	· · ·	1-2	\$600	

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 53 (COMBINED FACILITY)

Address : 1836 THIRD AVENUE

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSECO.053 / 13039 Yr Built/Renovated : 1974 / 2011

Area Sq Ft : 10,648 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 1629 Lot : 40 BIN : 1051850

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$69,600	\$51,300
Electrical	\$40,000	\$64,300
Total	\$109,600	\$115,600
Importance Code A	\$69,600	\$51,300
Importance Code B	\$40,000	\$64,300
Total	\$109,600	\$115,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				\$10,600
Interior Architecture	\$4,500		\$700	
Electrical	\$100	\$25,600		
Mechanical	\$400	\$11,100	\$4,900	\$400
Total	\$5,000	\$36,700	\$5,600	\$11,000
Importance Code A				\$10,600
Importance Code B	\$3,900	\$36,700	\$5,600	\$400
Importance Code C	\$1,100			
Total	\$5,000	\$36,700	\$5,600	\$11,000



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

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

Asset #: 13039

Architecture	Current Repair	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior							
Exterior Walls							
Masonry: Brick	78%	LIFE	* *	5	\$8,600		
Masonry: Granite	2%	LIFE	* *	5	\$200		
Masonry: Sandstone	10%	LIFE	* *	5	\$800		
	Repairs in Progress, Extent : Light, Are Location : Above Apparatus Room Do		· 100%				
Wood Overhead Doors	10%	2036	* *	5	\$5,500		
Windows							
Aluminum	100% Now \$69,600 Other Observation, Extent : Severe, Are Location : Throughout	2048 a Affected .	* *	5	\$900		
	Explanation: Windows Are Very Old, Missing.	Single-glaz	zed, And Largely	Inopera	ble, Broken Or		
Parapets				_			
Cast Stone/Terra Cotta	15%	LIFE	* *	5	\$2,100		
	Recent Replace Evident, Extent: Light, Location: Main Roof	Area Affeci	ted : 100%				
Masanmu Drials	85%	LIFE	* *	5	\$1,500		
Masonry: Brick	Recent Replace Evident, Extent: Light, Location: Main Roof			3	\$1,300		
Roof							
Roll Roofing	100% Recent Replace Evident, Extent : Light, Location : Main Roof	2025 Area Affect	\$51,300 ted : 100%	5	\$21,200		
nterior							
Floors			ate ate	_	*1 = = 00		
Cast in Place Concrete	45%	LIFE	* *	5	\$15,700		
Ceramic Tile	10% Now \$3,000	2032	**	5	\$800		
	Broken/Missing Elements, Extent: Mod	erate, Area	Affected: 25%				
	Location: 1st Floor Toilet						
Quarry Tile	5%	2036	* *	5	\$1,200		
Vinyl Tile	35%	2028	* *	3	\$2,100		
	Recent Repair Evident, Extent : Light, A Location : Second Floor	rea Affecte	d : 30%				
Wood	5%	2051	* *	5	\$1,500		
Interior Walls							
Ceramic Tile	10%	2032	* *	5	\$2,200		
Concrete Masonry Unit	10%	LIFE	* *	5	\$900		
Gypsum Board	5%	LIFE	* *	5	\$600		
Plaster	30%	LIFE	* *	5	\$1,900		
SGFT/Glazed Masonry	40%	LIFE	* *				
Wood	5%	LIFE	* *	5	\$4,300		

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

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

Asset #: 13039

Architecture		Current Rep	nt Repair		Future Replacement		Maintenance		
System Component Type	% of 1 Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Ceilings									
AcousTileConcealSpLn	40%			2036	* *	5	\$7,800		
	Recent Rep	air Evident, 1	Extent : Light, A	rea Affe	cted : 40%				
	Location	: First And S	econd Floors						
Exposed Concrete	50%			LIFE	* *	5	\$1,200		
Plaster	10%	Now	\$400	LIFE	* *	5	\$1,000		
	Water Pene	etration, Exte	nt : Severe, Ared	a Affecte	d : 60%		. ,		
	Location	: Apparatus I	Room And Store	Room B	elow Stair				
Site Enclosure									
Fence/Gates									
Chain link	100%			2043	* *				
Site Pavements									
On-Site Walkways									
Cast in Place Concrete	100%			2036	* *				
Parking/Driveway									
Cast in Place Concrete	100%			2036	* *				

Electrical	Current Repair Future Replacement Ma		Future Replacement		Current Repair Future Replacement Maintenan		aintenance	
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
	Other Observation, Extent	: Light, Area Affected	: 0%					
	Location : Police Precin	ct						
	Explanation: Power Sys	rtems						
Raceway								
Conduit	100%	2033	* *	1				
Panelboards								
Molded Case Bkrs	100%	2022	\$37,700	5	\$300			
	Obsolete Equipment, Exter	nt : Severe, Area Affect	ted : 100%					
	Location: Throughout F	Firehouse						
Wiring								
Thermoplastic	100%	2033	* *	1				
Motor Controllers								
Locally Mounted	100%	2028	* *	5	\$100			
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

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

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

Asset #: 13039

Electrical	Current Repair	Future F	Future Replacement		Maintenance				
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
ighting									
Interior Lighting									
Fluorescent	40%	2023	\$26,700	10	\$3,900				
	Inadequate Ltg Level, Extent	: Moderate, Area Affe	cted : 20%						
	Location : Apparatus Floor	•							
	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location: Throughout Fire	house							
	Explanation: Mostly T-8								
Fluorescent	60%	2018	\$40,000	10	\$5,900				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location: Throughout Second Floor								
	Explanation: Mostly T-12								
Egress Lighting									
Exit, Service	1%	2018		1					
No Component	99%								
Exterior Lighting									
HID	50%	2018	\$19,600	10					
No Component	50%								

Mechanical		Current l	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating									
Energy Source									
Not Accessible	100%								
Conversion Equipment									
Not Accessible	100%								
Distribution									
Hot Wtr Piping/Pump	100%			2039	* *	4	\$500		
Terminal Devices									
Convector/Radiator	100%			2036	* *	1	\$3,400		
Air Conditioning									
Energy Source									
Not Accessible	100%								
Conversion Equipment									
Window/Wall Unit	50%			2018	\$10,700	1			
Not Accessible	50%								
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2	\$13,900		
Terminal Devices									
Not Accessible	100%								
Heat Rejection									
Not Accessible	100%								
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,900		

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

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

Asset #: 13039

Mechanical	Current Rep	air Futui	Future Replacement		Future Replacement Maintenance		aintenance	Э	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Ventilation									
Exhaust Fans									
Roof	100%	2028	* *	2	\$300				
Plumbing									
H/C Water Piping									
Brass/Copper	100%	2043	* *	1					
Water Heater									
Electric	100%	2022	\$1,600	4	\$100				
	Other Observation, Exten	nt : Light, Area Affected	! : 100%						
	Location : 1st Floor								
	Explanation : 2 - 120 C	Gallon Units							
Sanitary Piping									
Cast Iron	100%	LIFE	* *	1					
Storm Drain Piping									
Cast Iron	100%	LIFE	* *	1					
Sump Pump(s)									
Not Accessible	100%								
Sewage Ejector(s)									
Not Accessible	100%								
Backflow Preventer									
Not Accessible	100%								
Fixtures									
Generic	100%								
	Leaking Faucets/Valves/		Area Affected : 100	0%					
	Location : Total House								
	Obsolete Fixtures, Exten	t : Severe, Area Affected	l : 100%						
	Location : Total House								
Fire Suppression									
Sprinkler									
No Component	90%								
Generic	10%	2049	* *	1-2	\$300				

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 60/LADDER CO. 17

Address : 341 EAST 143RD STREET

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.060 / 13048 Yr Built/Renovated : 1906 /

Area Sq Ft : 11,250 Project Type : FIRE DEPARTMENT

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

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

Block : 2306 Lot : 52 BIN : 2000656

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$468,700	\$54,200
Interior Architecture	\$313,100	\$244,800
Electrical		\$121,200
Mechanical		\$35,400
Total	\$781,800	\$455,700
Importance Code A	\$468,700	\$54,200
Importance Code B	\$215,900	\$270,400
Importance Code C	\$97,200	\$131,000
Total	\$781,800	\$455,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$20,100	\$3,000		
Interior Architecture	\$11,500			\$600
Electrical	\$5,200	\$17,800	\$1,800	\$800
Mechanical	\$19,300	\$7,200	\$3,900	\$1,600
Total	\$56,200	\$28,000	\$5,700	\$2,900
Importance Code A	\$30,800	\$4,100	\$1,100	\$1,100
Importance Code B	\$25,300	\$23,900	\$4,600	\$1,800
Importance Code C				
Total	\$56,200	\$28,000	\$5,700	\$2,900



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.

FIRE DEPARTMENT - 057 ENGINE CO. 60/LADDER CO. 17

Asset #: 13048

System Component Type Exterior Exterior Walls Masonry: Brick		l Date ears)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior Walls						(113)		
Masonry: Brick								
S_i			\$359,100 derate, Area Affect d Side Walls	LIFE ed: 80%	**	5	\$30,500	
Masonry: Granite	5%			LIFE	* *	5	\$1,400	
Masonry: Limestone	10%			LIFE	* *	5	\$2,900	
Metal Sect. OHD	5%			2028	* *	5	\$6,000	
Windows								
Aluminum	100%			2031	* *	5	\$2,800	
Parapets								
Cast Stone/Terra Cotta		_	\$1,800 Extent : Light, Are of	LIFE ea Affecte	* * ed : 70%	5	\$1,100	
-			\$51,300 derate, Area Affect of	LIFE ed:60%	**	5	\$2,300	
L	nt Mortar Mi Location : M	ain Roc Surface	, Extent : Moderat			5	\$500	
Roof								
			\$58,300 ked, Extent : Mode of	2023 2043 rate, Are	\$54,200 * * a Affected : 30%	10	\$12,100	
terior								
Floors								
O	Vater Penetra Location : B Other Observa Location : A	asemen ition, E pparati	xtent : Severe, Are	a Affected	d : 80%	5 Se Replac	\$17,400	
_		. 11ppu	tunis 100m 1 toor 1				\$900	
Ceramic Tile	5% 5%			2026 2036	\$16,700 * *	5 5	\$900 \$1,300	
Quarry Tile Vinyl Tile		ow	\$36,700	2030	* *	3	\$1,700	
В	Broken/Missin Location : 21	g Elem 1d Floo	ents, Extent : Mode	erate, Are	ea Affected : 30%	3	\$1,700	
	Location : 21	ıd Floo	r					

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

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

Asset #: 13048

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	20%			2026	\$131,000	5	\$4,900	
Gypsum Board	5%			LIFE	* *	5	\$700	
Masonry: Brick	35%	0-2	\$97,200	LIFE	* *			
	-	Extent : Sev : Basemen	vere, Area Affected at Vault	: 80%				
Plaster	40%			LIFE	* *	5	\$2,900	
Ceilings								
AcousTileSusp.Lay-In	15%			2036	* *	5	\$2,700	
Embossed Metal	25%	Now	\$7,600	LIFE	* *	5	\$2,000	
		issing Elem : Apparati	nents, Extent : Mod us Floor	erate, Ar	rea Affected : 20%			
Exposed Concrete	25%	Now	\$138,800	LIFE	* *	5	\$700	
	Other Obs	ervation, E	Extent : Severe, Are	a Affecte	d: 100%			
	Location	: Basemen	it Below Apparatus	Floor				
	Explanat	tion : Conc	rete Slab Failed - S	See Note	On Floor Slab			
Plaster	35%	Now	\$4,000	LIFE	* *	5	\$3,900	
	Punct/Tea	r/Impact D	amage, Extent : Se	vere, Are	ea Affected : 5%			
	Location	: Second I	Floor Office					

Electrical		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
Inder 600 Volts								
Service Equipment Fused Disc Sw	100%			2033	* *	5		
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	\$47,700	5		
Raceway								
Conduit	100%			2023	\$30,600	1		
Panelboards								
Molded Case Bkrs	90%			2031	* *	5	\$300	
Molded Case Bkrs	10%			2022	\$3,800	5		
		quipment, Exter : Apparatus Flo		ea Affec	ted : 10%			
Wiring								
Braided Cloth	10%	Now	\$2,700	2048	* *	1		
		Aged, Extent : S : Apparatus Flo			10%			
Thermoplastic	90%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Stand by Dower								

Stand-by Power

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

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

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

Asset #: 13048

Electrical	Current Repair	Future F	Replacement	M		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year E FY	Stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Transfer Switches						
Automatic	100%	2036	* *	1	\$3,500	
Generators						
Diesel	100%	2032	* *	1	\$4,400	
	Other Observation, Extent : Light, A	rea Affected : I	100%			
	Location : Outside					
	Explanation: 40 Kw					
Batteries						
Lead/Acid	100%	2017	\$1,500	5	\$400	
Fuel Storage						
Day Tank	100%	2039	* *	5	\$2,100	
	Other Observation, Extent : Light, A	rea Affected : I	100%			
	Location : Outside					
	Explanation: 50 Gallons					
Lighting Interior Lighting						
Fluorescent	99%	2023	\$69,700	10	\$10,200	
	Other Observation, Extent: Light, A	rea Affected : I	100%			
	Location: Throughout					
	Explanation: Mostly T-8					
Incandescent	1%	2023	\$700	2		
Exterior Lighting						
HID	40%	2018	\$16,600	10		
Incandescent	1%	2018	\$400	2		
No Component	59%					

Mechanical	Curr	ent Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail I Total (Yea	Oate Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment							
Steam Boiler	100% Nov	v \$10,700	2028	* *	1	\$10,000	
	Other Observation	on, Extent : Severe, Ar	ea Affecte	d : 50%			
	Location: Boil	er					
	Explanation: J	acket And Insulation I	las Sever	e Damage			
Distribution							
Steam Piping/Pump	100%		2033	* *	4	\$800	
Terminal Devices							
Convector/Radiator	100%		2036	* *	1	\$3,600	
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		

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

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

Asset #: 13048

Mechanical	Current Repair		Futur	e Replacement	M			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Cooling	25%			2021	\$35,400	2	\$200	
		ervation, E : 2nd Floo	Extent : Light, Area or	Affected	: 10%			
	Explana	tion : Split	Unit Serves Bunk A	rea				
Window/Wall Unit	25%			2018	\$5,600	1		
No Component	50%			2010	ψ2,000	•		
Distribution	2070							
Ductwork/Diffusers	25%			LIFE	* *	2	\$3,700	
No Component	75%					_	φυ,,,σο	
Terminal Devices								
Fan Coil - Cooling	25%			2023	\$10,600	1	\$900	
No Component	75%				. ,		·	
Heat Rejection								
Remote Air Cond	25%			2023	\$8,200	2	\$2,000	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,300	
Exhaust Fans								
Interior	50%			2023	\$6,100	2	\$200	
Roof	50%			2023	\$4,400	2	\$200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	\$2,600	2	\$200	
			Extent : Light, Area	Affected	: 100%			
		: Basemen						
	Explana	tion : 1- 75	Gallon Unit					
Sanitary Piping	1,000/			LIEE	* *			
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	1000/			TIPE	* *	1		
Cast Iron	100%			LIFE	ጥ ጥ	1		
Sump Pump(s)	1000/			2017	07.500	4	ΦΩ 5 00	
Submersible	100%			2017	\$6,500	4	\$2,500	
Fixtures	1000/							
Generic	100%							

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 68/LADDER CO. 49

Address : 1160 OGDEN AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.068 / 13056 Yr Built/Renovated : 1979 /

Area Sq Ft : 10,220 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Apr-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2514 Lot : 56 BIN : 2003268

CAPITAL	FY 2017 - 2020	FY 2021 - 2026		
Exterior Architecture	\$75,300	\$77,500		
Electrical	\$64,300	\$75,400		
Total	\$139,600	\$152,800		
Importance Code A	\$75,300	\$77,500		
Importance Code B	\$64,300	\$75,400		
Total	\$139,600	\$152,800		

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$18,200			
Interior Architecture	\$2,800			\$800
Electrical	\$31,200	\$1,400	\$1,400	\$1,300
Mechanical	\$5,300	\$35,300	\$7,500	\$5,600
Total	\$57,500	\$36,700	\$8,900	\$7,700
Importance Code A	\$18,700	\$600	\$500	\$500
Importance Code B	\$38,200	\$36,100	\$8,400	\$7,200
Importance Code C	\$700			
Total	\$57,500	\$36,700	\$8,900	\$7,700



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

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

Asset #: 13056

Architecture	Curr	ent Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail D Total (Yea	eate Estimated Cost rs)	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls Concrete Masonry Unit	Location : At O	\$75,300 ling, Extent : Light, An everhead Doors And 2n	nd Floor Fra	ont	5	\$11,700	
	Location: Thro	Erod, Extent : Modera oughout	ite, Area Aff	ectea : 5%			
Masonry: Brick Metal Sect. OHD	15% 5%		LIFE 2036	* *	5 5	\$3,500 \$3,700	
Windows	370		2030			Ψ3,700	
Aluminum	100% 2-4 Air Infiltration, E Location: Thro	Extent : Moderate, Are	2031 a Affected :	**	5	\$600	
	Location : Scre Glazing Broken/O	Elements, Extent: Moc ens Missing Througho Cracked, Extent: Mod e Glass At 1st Floor Ho	ut erate, Area A	Affected : 2%			
Parapets							
Cast Stone/Terra Cotta	10%		LIFE	* *	5	\$1,500	
Concrete Masonry Unit	Location : Main	ks, Extent : Moderate, n Roof Parapet Extent : Moderate, Ara			5	\$1,900	
Roof							
Asphalt Shingle	5%		2026	\$2,400	10	\$100	
Modified Bitumen	95% Blisters, Extent: Location: All F	Moderate, Area Affect Roofs	2023 ted : 10%	\$77,500	10	\$13,600	
Interior							
Floors Cast in Place Concrete	400/		LIFE	* *	5	¢12.400	
Ceramic Tile	40% 15%		2032	* *	5 5	\$13,400 \$2,300	
Quarry Tile	5%		2032	* *	5	\$1,100	
Vinyl Tile	40% 4+ Broken/Missing I	\$1,000 Elements, Extent : Ligh	2028	* * ected : 1%	3	\$2,300	
·	Location: 2nd	Floor					
Interior Walls	1007		2022	ماد ماد	~	44.00 0	
Ceramic Tile	10%		2032	* *	5	\$1,300	
Concrete Masonry Unit	30%		LIFE	* *	5 5	\$1,600	
Gypsum Board SGFT/Glazed Masonry	25% 35%		LIFE LIFE	* *	J	\$2,000	
Ceilings	33%		LIFE				
AcousTileSusp.Lay-In	20%		2036	* *	5	\$3,100	
	75%		LIFE	* *	5	\$1,800	
Exposed Concrete	1,370						

Site Enclosure

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

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

Asset #: 13056

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
Site Enclosure								
Fence/Gates								
Chain link	100%			2033	* *			
Free Standing Walls								
Concrete Masonry Unit	100%			2043	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			

Electrical	Current Repair	Future	Replacement	M	aintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Inder 600 Volts							
Service Equipment Molded Case Bkrs	100%	2023	\$4,700	5	\$300		
	Other Observation, Extent : Light, A	Area Affected	: 100%				
	Location : Basement Main Electri	cal Room					
	Explanation : 400 Amp Main Serv	ice Switch					
Raceway							
Conduit	100%	2023	\$30,600	1			
Panelboards							
Molded Case Bkrs	100%	2022	\$37,700	5	\$300		
Wiring Thermoplastic	100%	2033	* *	1			
Motor Controllers							
Locally Mounted	100%	2021	\$14,100	5	\$100		
	Other Observation, Extent : Light, A		: 100%				
	Location : Basement Boiler Room						
	Explanation: Heating System Cor	itrols					
fround							
Grounding Devices	1000/	LIDE	* *	_	¢200		
Generic	100%	LIFE		5	\$200		
	Other Observation, Extent : Light, A Location : Basement Near Water I		: 30%				
	Explanation: Ground Partially Co		nsulation				
tand-by Power	Expandition . Ground I dritting Co	oreica muit I	<i>ismunon</i>				
Transfer Switches							
Automatic	100%	2021	\$4,700	1	\$3,100		
	Other Observation, Extent : Light, A	Area Affected			,		
	Location : 1st Floor Electrical Ro						
	Explanation: 400 Amp						
Generators							
Diesel	100%	2019	\$64,300	1	\$4,000		
	Other Observation, Extent : Modera		cted : 100%				
	Location: 2nd Floor Heating Roo	om .					
	Explanation: 60 Kw, 75 Kva						

Estimates are rounded to the nearest hundred dollars.

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

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

Asset #: 13056

Electrical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power	•					
Batteries						
Lead/Acid	100%	2017	\$1,500	5	\$400	
Fuel Storage						
Day Tank	5%	2031	**	5	\$100	
	Other Observation, Extent: Light, Arc		100%			
	Location: 2nd Floor Mechanical Re					
	Explanation: 60 Gallon Stand Alon				4.00	
Main Tank	95%	2026	\$1,100	5	\$300	
	Other Observation, Extent : Light, Are	ea Affected :	100%			
	Location: Side Yard	1				
t atatus	Explanation: 1000 Gallon Undergr	ouna				
Lighting Interior Lighting						
Interior Lighting Fluorescent	80%	2033	* *	10	\$7,500	
Puorescent	T-8 Lamps, Extent : Light, Area Affect			10	\$7,500	
	Location: Throughout	ieu . 100/0				
	Other Observation, Extent: Light, Are	ea Affected :	100%			
	Location: Throughout	ги пусстей.	100/0			
	Explanation : Controlled Via Vacan	cv Sensors				
Elyanasaant		•	* *			
Fluorescent	20% Now \$12,800 T-8 Lamps, Extent : Light, Area Affect					
	Location: Throughout					
	Other Observation, Extent : Severe, A	rea Affected	: 100%			
	Location : Throughout					
	Explanation: Burnt Out					
Egress Lighting	-0.0					
Emergency, Service	50%	2028	* *	1		
Exit, Service	50%	2023	\$600	1		
Exterior Lighting	1000/	2022	427.7 00	1.0		
HID	100%	2023	\$37,700	10		
	Other Observation, Extent: Light, Arc		100%			
	Location: Facade And Side Parking		•. 7			
	Explanation: Wall Mounted, Contro	olled Via Sw	itch			
Alarm						
Fire/Smoke Detection Generic	30% Now \$15,500	2022	* *	1.2	\$1,700	
Generic	30% Now \$15,500 Local/Battery Operated Detect, Exten			1-3	\$1,700	
	Location : Thoughout	ı . Lıgnı, Ar	ги Аујестеа . 100%	.0		
	Other Observation, Extent : Moderate	Arac Affan	tod - 1000/			
	Location : Throughout	г, Агей Ајјес	ieu . 100%			
	Explanation : Broken					
Carrani.		2020	.	1.2	Φ4 400	
Generic	70%	2028	* *	1-3	\$4,400	

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

Note: 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 #: 13056

Mechanical		Current Repair Fu		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated C (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2043	* *	1		
Conversion Equipment	1000/		2026	* *		Φ7.100	
Hot Water Boiler	100%		2036	* *	1	\$5,100	
Distribution Hot Wtr Piping/Pump	100%		2031	* *	4	\$500	
Terminal Devices	10070		2031		4	\$300	
Convector/Radiator	95%		2036	* *	1	\$3,100	
Unit Heater-Stm/HW	5%		2023	\$3,200	4	ψ5,100	
Air Conditioning	370		2023	Ψ3,200	•		
Energy Source							
Electricity	100%		2039	* *	1		
Conversion Equipment							
Ext Pkg Unit - Cooling	35%		2028	* *	2	\$200	
	Other Obs	ervation, Extent : Light, A	Area Affected .	100%			
	Location	: Roof					
	Explanat	ion : Split Units					
Ext Pkg Unit - Cooling	15%		2018	\$6,900	2	\$100	
	Other Obs	ervation, Extent : Light, A	Area Affected .	100%			
	Location	: Roof					
	Explanat	ion : Split Unit					
Window/Wall Unit	40%		2018	\$8,200	1		
No Component	10%						
Distribution							
Ductwork/Diffusers	50%		LIFE	* *	2	\$6,600	
No Component	50%						
Terminal Devices							
Fan Coil - Cooling	50%	Now \$7		\$34,600	1	\$1,500	
		ervation, Extent : Light, A	Area Affected .	: 20%			
		: 2nd Floor					
		ion : Air Leaks At Vibrat	ion Eliminator	rs			
No Component	50%						
Heat Rejection	 .				-	** * 0 -	
Remote Air Cond	35%		2028	**	2	\$2,500	
Remote Air Cond	15%		2018	\$8,000	2	\$1,100	
No Component	50%						
Ventilation							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,700	
Exhaust Fans	100%		LIFE		۷-3	\$5,700	
Roof	100%		2028	* *	2	\$300	
Plumbing	10070		2020			φ300	
H/C Water Piping							
Brass/Copper	100%		2043	* *	1		
Drabb, Copper	10070		2013		-		

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

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

Asset #: 13056

lechanical	Current Repair	Future	e Replacement	Maintenance		
ystem Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
umbing						
Water Heater						
Gas Fired	100%	2021	\$2,300	2	\$200	
	Other Observation, Extent: Light, A	Area Affected	: 100%			
	Location: 2nd Floor					
~ . ~	Explanation: 2 - 75 Gallon Units					
Sanitary Piping	1000/	T TOP	ماه ماه			
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	1000/		de de			
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer	0.50					
No Component	95%	2020	de de			
Generic	5%	2028	**	1		
	Other Observation, Extent : Light, A Location : 2nd Floor	Area Affectea	: 100%			
Fixtures	Explanation: Serves Boiler Only					
Generic	100%					
	100%					
e Suppression Sprinkler						
No Component	90%					
Generic	10%	2043	* *	1-2	\$300	
Generic	Other Observation, Extent : Light, A	=0.2	· 100%	1-2	Ψ300	
	Location: 1st And 2nd Floor	irea rijjeerea	. 100/0			
	Explanation : Serves Stairs					
Chemical System						
Wet	100%	2021	\$27,800	1-3	\$57,100	
	Other Observation, Extent : Light, A			-	, - , , - = 0	
	Location : Kitchen	50				
	Explanation: Serves Cooking Are	а				

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 69

Address : 248 WEST 143rd STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.069 / 13057 Yr Built/Renovated : 1904 /

Area Sq Ft : 11,250 Project Type : FIRE DEPARTMENT

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

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

Block : 2028 Lot : 51 BIN : 1075491

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$119,300
Interior Architecture		\$66,000
Electrical		\$169,100
Total		\$354,400
Importance Code A		\$119,300
Importance Code B		\$235,100
Total		\$354,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$15,300	\$5,100		
Interior Architecture	\$34,000	\$1,300		\$1,000
Electrical	\$2,600	\$2,500	\$800	\$800
Mechanical	\$9,600	\$3,900	\$6,700	\$1,600
Total	\$61,500	\$12,800	\$7,500	\$3,400
Importance Code A	\$15,900	\$5,800	\$600	\$600
Importance Code B	\$44,500	\$7,000	\$6,900	\$2,800
Importance Code C	\$1,100			
Total	\$61,500	\$12,800	\$7,500	\$3,400



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

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

Asset #: 13057

Architecture		Current l	Repair	Future Replacement		М	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	10%			LIFE	* *	5	\$3,900	
Masonry: Granite	10%			LIFE	* *	5	\$2,900	
Metal Sect. OHD	5%			2036	* *	5	\$6,100	
Stucco Cement	75%			2036	* *	5	\$72,700	
Windows								
Aluminum	100%	Now	\$5,700	2039	* *	5	\$1,400	
	Unit Inop	erable, Exte	ent : Severe, Area A	ffected :	25%			
	Location	ı : Third Fl	oor					
Parapets								
Copper/Terne	25%			2058	* *	5	\$3,000	
Metal Panel	75%			2043	* *	5	\$7,200	
Roof								
Roll Roofing	95%			2022	\$46,600	5	\$19,300	
Skylight, Metal/Glass	5%			2043	* *	10	\$2,000	
nterior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	\$17,400	
Quarry Tile	10%			2028	* *	5	\$2,700	
Vinyl Tile	45%		\$13,200	2023	\$66,000	3	\$3,000	
			nents, Extent : Mod	erate, Ar	ea Affected : 10%			
			3rd Floors					
			: Moderate, Area	Affected	: 15%			
	Location	ı : 2nd And	3rd Floors					
Interior Walls								
Ceramic Tile	10%			2032	* *	5	\$2,200	
Gypsum Board	40%			LIFE	* *	5	\$5,300	
Masonry: Brick	15%			LIFE	* *			
Plaster	35%			LIFE	* *	5	\$2,300	
Ceilings								
AcousTileSusp.Lay-In	50%		\$14,000	2028	* *	5	\$4,400	
		_	nents, Extent : Mod 3rd Floors	erate, Ar	ea Affected : 5%			
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 20%			
			3rd Floors					
Exposed Struc: Steel	25%			LIFE	* *			
Plaster	25% 25%		\$5,700	LIFE	* *	5	\$2,800	
1 105101			; Moderate, Area			3	Ψ2,600	
			. Moderale, Area I us Room and Kitch		. 13/0			

Electrical	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

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 #: 13057

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts Service Equipment Molded Case Bkrs	100% Other Observation, Extent : L Location : 600 Amps. Servio Explanation : Basement		**	5	\$300	
Switchgear / Switchboard Molded Case Bkrs	100%	2033	* *	5	\$300	
Raceway Busway Conduit Conduit	5% 30% 65%	2028 2033 2023	* * * * \$19,900	1 1 1		
Panelboards Molded Case Bkrs Molded Case Bkrs	5% 95%	2031 2022	* * \$35,800	5 5	\$300	
Wiring Thermoplastic	100%	2033	* *	1		
Ground Grounding Devices Generic	100%	LIFE	* *	5	\$200	
Stand-by Power Transfer Switches Automatic	100%	2028	* *	1	\$3,500	
Generators Diesel	100% Other Observation, Extent : L Location : Outside Explanation : 62 Kw	2026 .ight, Area Affected :	\$64,300 100%	1	\$4,400	
Batteries Lead/Acid	100%	2017	\$1,500	5	\$400	
Fuel Storage Day Tank	100% Other Observation, Extent : L Location : Outside Explanation : 50 Gallons	2031 .ight, Area Affected :	**	5	\$2,100	
Lighting Interior Lighting Fluorescent	98% Other Observation, Extent : L Location : Throughout Explanation : Mostly T-8	2023 .ight, Area Affected :	\$69,000 100%	10	\$10,100	
Incandescent	2%	2018	\$1,400	2		
Egress Lighting Emergency, Battery Exit, Service	90% 10%	2023 2023	\$13,300 \$100	10 1	\$2,400	
Exterior Lighting HID No Component	50% 50%	2023	\$20,700	10		

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

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

Asset #: 13057

Mechanical	Current Ro	epair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Campus Steam	50% Now		2043	* *	1		
	Other Observation, Ex	tent : Moderate, Ar	·ea Affe	cted : 100%			
	Location: Basement						
	Explanation : Insular	tion Insufficient					
Natural Gas	50%		2043	* *	1		
Conversion Equipment							
Furnace	50%		2028	* *	1	\$2,800	
	Other Observation, Ex	tent : Light, Area A	ffected	: 100%			
	Location: Roof						
	Explanation: 3 Roof	top Gas Fired Hear					
Heat Exchanger	50%		2032	* *	1	\$2,800	
Distribution	7 00/			.a. •	a -	** • • •	
Ductwork/Diffusers	50%		LIFE	* *	2-5	\$3,100	
Steam Piping/Pump	50%		2043	* *	4	\$300	
Terminal Devices	1000/		2026	ale ale		Φ2 (00	
Convector/Radiator	100%		2036	* *	1	\$3,600	
Air Conditioning							
Energy Source	1000/		2020	* *	1		
Electricity	100%		2039		1		
Conversion Equipment	000/		2020	* *	2	\$600	
Ext Pkg Unit -	90%		2028		2	\$600	
Heating/Cooling Window/Wall Unit	10%		2018	\$2,300	1		
Distribution	1070		2016	\$2,300	1		
Distribution Ductwork/Diffusers	100%		LIFE	* *	2	\$14,600	
Ventilation Ventilation	10070		LIII			\$14,000	
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,300	
Exhaust Fans	10070		DII L			ψ0,300	
Interior	100%		2028	* *	2	\$300	
Plumbing	10070		2020			φ300	
H/C Water Piping							
Brass/Copper	100%		2049	* *	1		
T. P. P.	Booster Pump w/Tank,	Extent : Light, Are		ted : 100%			
	Location : Basement	J .					
HW Heat Exchanger							
Low Temp	100%		2049	* *	4	\$1,700	
Sanitary Piping						. ,	
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sump Pump(s)							
Submersible	100%		2017	\$6,500	4	\$2,500	
Backflow Preventer			-	, -,-		, ,- ,-	
Generic	100%		2031	* *	1	\$700	
						7.20	

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

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

Asset #: 13057

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Plumbing				
Fixtures				
Generic	100%			
Fire Suppression				
Sprinkler				
Generic	100%	2049 * *	1-2 \$3,200	
Fire Pump				
Generic	100%	2036 **	1 \$2,100	

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 7

Address : 100 DUANE STREET

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSECO.007 / 13006 Yr Built/Renovated : 1905 / 2002

Area Sq Ft : 18,890 Project Type : FIRE DEPARTMENT

Date of Survey : 15-Jun-2015 Landmark Status : EXTERIOR LANDMARK

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

Block : 150 Lot : 25 BIN : 1001647

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$315,600	
Interior Architecture	\$58,400	
Electrical		\$135,200
Mechanical		\$239,300
Total	\$374,000	\$374,500
Importance Code A	\$315,600	\$98,300
Importance Code B	\$58,400	\$276,200
Total	\$374,000	\$374,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$30,600		\$9,700	
Interior Architecture	\$153,800		\$3,200	\$2,600
Electrical	\$27,300	\$600	\$600	\$600
Mechanical	\$8,600	\$3,000	\$9,500	\$2,600
Total	\$220,400	\$3,600	\$23,000	\$5,700
Importance Code A	\$32,500	\$1,900	\$11,600	\$1,900
Importance Code B	\$114,200	\$1,700	\$11,400	\$2,900
Importance Code C	\$73,700			\$1,000
Total	\$220,400	\$3,600	\$23,000	\$5,700



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

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

Asset #: 13006

rchitecture	Current Repair Future Repla			Replacement Maintenance				
stem Component Type	% of Fail I Total (Yea	Oate Estimated Cost ars)	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
terior								
Exterior Walls		4.00.000			_	***		
Masonry: Brick	Location: Real Efflorescence, E. Location: Real Rusting Masonry Location: Real	s, Extent : Moderate, A r Wall xtent : Moderate, Ared r Wall v Supt, Extent : Moder r Wall Extent : Moderate, An	a Affected : 10 ate, Area Affe	9% ected : 25%	5	\$31,100		
Masonry: Granite	5%		LIFE	* *	5	\$3,300		
Masonry: Limestone	10% 4+ Cracking/Crumb Location : From	ling, Extent : Modera	LIFE te, Area Affec	* * ted : 5%	5	\$3,300		
	Jnt Mortar Miss/ Location : Fro	Erod, Extent : Light, A nt Wall	Area Affected	: 15%				
Metal Sect. OHD	10%		2039	* *	5	\$13,900		
Stucco Cement	5%		2039	* *	5	\$5,600		
Windows Aluminum	100%		2042	* *	5	\$3,100		
Parapets Masonry: Brick	Location : From	on, Extent : Moderate, nt Facade xtent : Moderate, Area			5	\$2,700		
Masonry: Limestone	15% 0-2 Caulking Deterion Location: Roof	orated, Extent : Moder	LIFE rate, Area Affa	* * ected : 50%	5	\$600		
Roof								
Modified Bitumen	Location : Var Debris Present, I Location : At L	Elements, Extent : Mo ious Locations Extent : Light, Area Aj Orains	ffected : 5%	* * Affected : 20%				
	Location: Ove	Extent : Light, Area A r Kitchen Roof. : Moderate, Area Affe						
		Prain And Exhaust Fai						
Skylight, Metal/Glass	Location : Mid	2 \$15,200 Elements, Extent : Mo dle Of 2 Skylights ng, Extent : Moderate,						

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 #: 13006

rchitecture		Current F	Repair	Futur	e Replacement	М	aintenance		
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
erior									
Floors									
Cast in Place Concrete	35%			LIFE	* *	5	\$43,300		
Ceramic Tile	5%			2035	* *	5	\$1,400		
Quarry Tile	5%			2039	* *	5	\$2,100		
Vinyl Tile	25%	Now	\$19,300	2031	* *	3	\$2,700		
		_	ents, Extent : Seve		Affected : 15%				
			Locations Through						
	Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
			Locations Through						
	Uneven Surface, Extent : Moderate, Area Affected : 30%								
		_	out - Primarily 3rd						
			: Moderate, Area		: 50%				
	Location	: Various	Locations Through	out					
Wood	30%	0-2	\$29,900	2041	* *	5	\$8,000		
	Deteriorate	ed Finish,	Extent : Light, Ared	a Affecte	d : 10%				
	Location	: Through	out Bunk Room.						
	Recent Replace Evident, Extent: Light, Area Affected: 50%								
	Location	: Battalio	n Chief Side And O	ffices					
Interior Walls									
Ceramic Tile	5%			2035	* *	5	\$1,900		
Concrete Masonry Unit	5%			LIFE	* *	5	\$1,600		
Gypsum Board	20%			LIFE	* *	5-10	\$13,200		
Masonry: Brick	15%	Now	\$24,300	LIFE	* *				
	Diagonal (Location		tent : Moderate, Ar	ea Affec	ted : 100%				
Plaster	30%	Now	\$20,000	LIFE	* *	5	\$3,500		
Flasiei			\$20,000 Extent : Moderate, A			3	\$3,300		
			r, Front Wall	пец Ајје	cieu . 1070				
CCFT/C1 114				LIDE	* *				
SGFT/Glazed Masonry	25%	Now	\$20,100	LIFE					
	_	_	Extent : Moderate	, Area Aj	ffected: 5%				
		: Apparati		A CC	. 1 50/				
			tent : Moderate, Ar	ea Affec	tea : 5%				
G '11'	Location	: Apparati	us Room						
Ceilings	1.50/			2020	* *	F	Φ4 3 00		
AcousTileSusp.Lay-In	15%	iaaala 	Entant . Light An	2039		5	\$4,200		
	_	_	Extent : Light, Are		ea : 5%				
			Locations Through				*=		
Embossed Metal	55%	0-2	\$58,400	LIFE	**	5	\$7,000		
		_	ents, Extent : Seve	re, Area	Affected: 25%				
		: Through		1.00	1 250/				
		_	xtent : Severe, Ared	a Affecte	d: 25%				
		: Through	out						
Plaster	30%			LIFE	* *	5-10	\$14,600		

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

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

Asset #: 13006

Current Repair		- r atare	Future Replacement		Maintenance		
% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
				5	\$100		
	xtent : Severe, Ar	ea Affecte	ed: 30%				
	eni : Ligni, Area	Ајјестеа :	100%				
	ne						
Explanation : 400 Am	ps						
80%		2026	\$26.800	1			
			**	1			
	ent : Moderate, A		ted : 100%				
Location: Basement							
75%		2042	* *	5	\$400		
25%			* *	5	\$100		
	ent : Moderate, A	Area Affec	ted : 100%				
Location : Basement							
200/ 2.4	Φ.Σ. 0.0.0	2051	ታ ታ				
				1			
_		и Ајјестеи	. 100%				
60%		2036	* *	1			
20%		2036	* *	1			
Recent Installation, Ext Location : Basement	ent : Light, Area	Affected :	100%				
100%		2031	* *	5	\$100		
1000/ 0.2	Φ10 2 00	2046	ታ ታ	~	Ф200		
	. ,			5	\$300		
Locuion . Dusement							
100%		2039	* *	1	\$5,800		
	ent : Moderate, A		ted : 100%	-	42,300		
Location : Basement	,	33					
F 1 .: H 1F	D 1.1 . C	watow					
	100% Enclosure Corroded, E. Location: Basement Other Observation, Ext. Location: Basement Explanation: 400 Am 80% 20% Recent Installation, Ext. Location: Basement 75% 25% Recent Installation, Ext. Location: Basement 20% 2-4 Insulation Aged, Extent Location: Throughout 60% 20% Recent Installation, Ext. Location: Basement 100% 100% 0-2 Corroded, Extent: Mod. Location: Basement	100% Enclosure Corroded, Extent: Severe, Ar Location: Basement Other Observation, Extent: Light, Area Location: Basement Explanation: 400 Amps 80% 20% Recent Installation, Extent: Moderate, A Location: Basement 75% 25% Recent Installation, Extent: Moderate, A Location: Basement 20% 2-4 \$5,900 Insulation Aged, Extent: Moderate, Area Location: Throughout 60% 20% Recent Installation, Extent: Light, Area Location: Basement 100% 100% 0-2 \$10,200 Corroded, Extent: Moderate, Area Affect Location: Basement	Total (Years) 100% 2036 Enclosure Corroded, Extent: Severe, Area Affected Location: Basement Other Observation, Extent: Light, Area Affected: Location: Basement Explanation: 400 Amps 80% 2026 20% 2036 Recent Installation, Extent: Moderate, Area Affected: Location: Basement 75% 2042 25% 2034 Recent Installation, Extent: Moderate, Area Affected: Location: Basement 20% 2-4 \$5,900 2051 Insulation Aged, Extent: Moderate, Area Affected: Location: Throughout 60% 2036 Recent Installation, Extent: Light, Area Affected: Location: Basement 100% 2031 100% 0-2 \$10,200 2046 Corroded, Extent: Moderate, Area Affected: 100 Location: Basement	Total (Years) FY	Total (Years) FY	Total (Years) FY (Yrs)	

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 #: 13006

Electrical	Curr	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	75%		2026	\$97,100	10	\$13,000	
	•	nt : Light, Area Affected	d : 100%				
	Location : Thre	oughout					
Fluorescent	20%		2031	* *	10	\$3,500	
	_	nt : Light, Area Affected	d: 100%				
	Location : Thre	oughout					
HID	5%		2026	\$4,000	10		
		on, Extent : Light, Area	Affected	: 30%			
	Location: 1st						
	Explanation : A	Apparatus Room					
Egress Lighting	4.00					4.500	
Emergency, Battery	10%	T	2031	**	10	\$500	
	Recent Installati Location : 3rd	on, Extent : Moderate, . Floor	Area Affe	ected : 100%			
Exit, Service	80%		2031	* *	1		
Exit, Battery	10%		2031	* *	10	\$100	
	Recent Installation, Extent : Moderate, Area Affected : 100%						
	Location : 3rd	Floor					
Exterior Lighting							
HID	50%		2026	\$38,100	10		
No Component	50%						
Alarm							
Fire/Smoke Detection	500 /						
No Component	50%	φ10. 7 00	2025	d. d.			
Generic, Analog	50% No	+,	2036	**			
	_	, Extent : Severe, Area	Affected .	100%			
	Location: Thr	e e	. T : - 1.4 A	A.CC 1 . 1000) /		
	Local/Battery O _l Location : Thr	perated Detect, Extent : oughout	Light, A	rea Affected : 100%	70		
	Bocanon . Tim						

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2024	\$98,300	1	\$18,700	
Distribution								
Steam Piping/Pump	100%			2026	\$141,000	4	\$1,400	
Terminal Devices								
Convector/Radiator	100%			2031	* *	1	\$6,100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

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

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

Asset #: 13006

Mechanical	Current Repair	Future Repla	cement	М		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ited Cost	Cycle (Yrs)	Estimated Cost	Priority
ir Conditioning Conversion Equipment Split Unit Window/Wall Unit	10% 40% Other Observation, Extent : Moderate, Location : 1st, 2nd And 3rd Floors Explanation : 30 Percent New; 70 Pe	Area Affected : 10	\$9,300 \$16,600 90%	1		
No Component	50%					
Distribution Ductwork/Diffusers	100% Abandoned in Place, Extent : Light, Ar Location : 1st Floor	LIFE rea Affected : 100%	**	2	\$30,700	
Heat Rejection No Component No Component	90% 10%					
entilation Exhaust Fans Roof	5% Other Observation, Extent : Light, Area Location : 1st Floor Explanation : Kitchen Exhaust	2026 a Affected : 100%	\$800	2		
No Component	95%					
lumbing H/C Water Piping Galv Iron/Steel Water Heater	100%	2031	* *	1		
Gas Fired	100% Other Observation, Extent: Light, Area Location: Basement Explanation: 2 - 74 Gallon Units	2024 a Affected : 100%	\$4,700	2	\$300	
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100% Corroded, Extent : Light, Area Affected Location : Basement	LIFE d: 10%	* *	1		
Sump Pump(s) Rigid Piping	100% Other Observation, Extent : Light, Area Location : Basement Explanation : Duplex Unit	2031 a Affected : 100%	* *	4	\$1,600	
Backflow Preventer No Component Generic	90% 10% Other Observation, Extent : Light, Area Location : Boiler Room Explanation : At Boiler Only	2034 a Affected : 100%	* *	1	\$100	

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 7

Asset #: 13006

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

100%

Generic

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 71/LADDER CO. 55/ DIVISION 6

Address : 720 MELROSE AVE.

Borough : BRONX Agency's Number : N/A

Program / Asset # : FIRSECO.071 / 13059 Yr Built/Renovated : 1975 / 1988

Area Sq Ft : 11,651 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2377 Lot : 1 BIN : 2001400

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$125,000
Interior Architecture	\$43,000	\$72,400
Electrical		\$115,400
Total	\$43,000	\$312,700
Importance Code A		\$125,000
Importance Code B	\$43,000	\$187,800
Total	\$43,000	\$312,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$90,600			
Interior Architecture	\$4,600			\$1,100
Electrical	\$11,100	\$1,000	\$1,000	\$800
Mechanical	\$25,100	\$11,300	\$6,300	\$5,600
Elevators/Escalators	\$2,100			
Total	\$133,500	\$12,300	\$7,300	\$7,400
Importance Code A	\$91,100	\$600	\$700	\$600
Importance Code B	\$40,300	\$11,700	\$6,500	\$6,900
Importance Code C	\$2,100			



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

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

Asset #: 13059

chitecture	Current	Repair	Future Rep	olacement	М	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Exterior Walls	100/ 37	Φ1. 5 . 5 00	LIDE	* *	_	ф1 000	
Masonry: Brick	10% Now	\$15,500	LIFE		5	\$1,800	
	Cracking/Crumbling Location : At Sides						
	Int Mortar Miss/Ero	=					
	Location : Through		-,				
	Punct/Tear/Impact L		oderate, Area	Affected : 10	%		
	Location : At Sides	Of Overhead Door	S				
	Caulking Deteriorate Location: Through		te, Area Affec	ted : 25%			
Masonry: Brick	80%		LIFE	* *	5	\$14,100	
Wood Overhead Doors	10% 0-2	\$16,300	2021	\$54,300	5	\$4,400	
	Deteriorated Finish, Location : Through		Area Affected	! : 40%			
	Paint Peeling, Exten	t : Moderate, Area	Affected: 40%	ó			
	Location: Center I						
	Worn/Eroded, Exten		Affected: 1009	%			
****	Location : Through	iout					
Windows	0.50/ NI-	¢22.700	2021	* *	_	¢2.100	
Aluminum	95% Now Broken/Missing Elen	\$33,700	2031		5	\$2,100	
	Location : Broken				ith Plywe	ood)	
	Condensation Presen		_			,	
	Location : House V				aratus Ro	om	
	Other Observation, I	Extent : Severe, Are	a Affected : 10	0%			
	Location : Apparai						
	Explanation: Moto	orized Units At App	aratus Room C	Ceiling Inope	rative		
Metal Louvers	5%		2026	\$6,300	10	\$1,400	
Parapets					_		
Metal Panel	100% 0-2	\$7,700	2043	**	5	\$4,000	
	Caulking Deteriorate Location : Metal C						
Roof	Location . Metal C	oping- Cauk Joinis	Tuning Inrol	иднош			
Asphalt Shingle	5%		2026	\$3,800	10	\$200	
Built-Up (BUR)	70% 0-2	\$14,100	2023	\$70,700	10	Ψ200	
Built of (Bott)	Grvl/Blst Miss/Disp, Location: Center S	Extent: Moderate,	Area Affected				
	Ponding, Extent: Me						
	Location : Lower F	==					
		5		200/			
	Recent Repair Evide	nt, Extent : Light, A	rea Affected :	2070			
	Recent Repair Evide Location : Center S			2076			
	•	Section Of Flat Roof	•				
	Location : Center S	Section Of Flat Roof Extent : Severe, Area	a Affected : 5%				
Metal Panel	Location: Center S Water Penetration, I	Section Of Flat Roof Extent : Severe, Area	a Affected : 5%				
Metal Panel	Location : Center S Water Penetration, I Location : Roof Ov	Section Of Flat Roof Extent : Severe, Area ver Apparatus Roon \$3,100 ed, Extent : Light, A	a Affected : 5% a 2028 .rea Affected :	* *			

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

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

Asset #: 13059

	laintenance	Ma	lacement	Future Replac		Repair	Current F		rchitecture
Priority	Estimated Cost	Cycle (Yrs)	nated Cost	Year Estima FY	ted Cost	Estima	Fail Date (Years)	% of Total	rstem Component Type
									erior
	⊅0. ₹00	_	de de					2.50/	Floors
	\$9,500	5	* *	LIFE	Φ2.500		N	25%	Cast in Place Concrete
	\$7,600	5		IFE	\$3,500	Extent	Now	20%	Cast in Place Concrete
			0	Affected : 5%	Ligni, Ared	Extent.		Location	
			á	ffected : 5%	vere Area	xtent · S			
			,	jjecica i 570			: Telephor		
	\$900	5	\$16,500	2026				5%	Ceramic Tile
	\$4,400	3	\$72,400					50%	Vinyl Tile
	Ψ1,100		Ψ72,100	.025				2070	Interior Walls
	\$1,200	5	\$31,200	2026				5%	Ceramic Tile
	\$6,000	5	* *	IFE				65%	Concrete Masonry Unit
	\$300	5	* *	IFE				2%	Gypsum Board
			* *	IFE				28%	SGFT/Glazed Masonry
						•			Ceilings
	\$1,700	5	* *	2036				10%	AcousTileSusp.Lay-In
			* *	IFE	643,000		Now	60%	Exposed Struc: Steel
			10%	a Affected : 10	oderate, A		_		
				1 700/	A A CC		: Apparati		
				ea: 70%	, Area Affe		ling, Extent ı : Apparatı		
			2/2	ffected : 10%	overe Area				
			, o	jjeciea . 1070	леге, тиси		: Apparati		
	\$6,500	5	* *	LIFE				30%	Gypsum Board
									e Enclosure
									Fence/Gates
									Chain link
				fected : 10%	ight, Area A				
						out	: Through		
							<i>a</i>		Iron Picket
)	ected: 15%	ght, Area A				
						<i>эит</i> ———	: Inrough		
			\$2,100	2017				20%	
			ታ ታ	0.70				1000/	
					Lialy Aug	Entont	Carranhlia		Cast in Place Concrete
			0	Ajjeciea . 276	· ·		_		
					ic water		. 1 10111, 11	Босанон	a Payamants
			* *	2036				100%	
			* *	2032	\$8,200		0-2	60%	•
			15%	Affected: 159		tent : M			•
				Priveway	a And Side	king Ar	: Rear Pai	Location	
			* *	2036				40%	Cast in Place Concrete
	\$6,500	5	** \$2,100 ** ** 15%	2033 Fected: 10% 2043 Fected: 15% 2017 2058 Affected: 2% 2036	Light, Area A Light, Area Se Watch \$8,200 oderate, Ar	xtent : L out xtent : L out Extent : ear Hou	/Rusting, E : Through /Rusting, E : Through Crumbling, : Front, N 0-2 ubsiding, E	50% Corrosion/ Location 30% Corrosion/ Location 20% 100% Cracking/C Location 100% 60% Sinking/Su Location	Enclosure Fence/Gates Chain link Iron Picket Wood Free Standing Walls Cast in Place Concrete Pavements On-Site Walkways Cast in Place Concrete Parking/Driveway Asphalt

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

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

Asset #: 13059

Electrical	Current Repair	Future Repl	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts Service Equipment Molded Case Bkrs	100% Other Observation, Extent : Lig Location : Basement Main Ele Explanation : Recently Install	ectrical Room		5	\$300	
Raceway	1000/	2022	* *	1		
Conduit Panelboards	100%	2033	4- 4-	1		
Molded Case Bkrs	100% 0-2 Other Observation, Extent : Mo Location : Basement Boiler Ro Explanation : Panel Covers Ro	oom		5	\$200	
Wiring	2. Aprillation of the covers in	2000,000,11100	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Thermoplastic	100%	2033	* *	1		
Motor Controllers Locally Mounted	100% Other Observation, Extent : Lig Location : Basement Boiler Ro Explanation : Controls For Ho	oom	* *	5	\$100	
round	•					
Grounding Devices Generic	100% Other Observation, Extent : Lig Location : Basement Water M	ain Room	* *	5	\$200	
and-by Power	Explanation : Recently Install	ea Service Grouna				
Transfer Switches Automatic	100% Other Observation, Extent : Lig Location : Basement Rear Explanation : 400 Amp	2028 ht, Area Affected : 1009	**	1	\$3,600	
Generators Diesel	100% Other Observation, Extent : Lig Location : Basement Rear Explanation : 50 Kw, 60 Kva,		\$64,300	1	\$4,500	
Batteries						
Lead/Acid	100%	2017	\$1,500	5	\$400	
Fuel Storage Day Tank	20% Other Observation, Extent : Lig Location : 2nd Floor Mechant Explanation : Stand Alone 56	ical Room	\$200	5	\$400	
Main Tank	80% Other Observation, Extent: Lig Location: Basement Explanation: 550 Gallon Dies	2038 ht, Area Affected : 100%	* *	5	\$300	

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

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

Asset #: 13059

lectrical	Current Repair	Fut	ıre Replacement	Maintenance					
ystem Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
ghting									
Interior Lighting									
Fluorescent	70%	2023	. ,	10	\$7,500				
	T-8 Lamps, Extent : Light, Are Location : Throughout	a Affected : 1009	6						
Fluorescent	10% Now	\$7,300 2033	* *						
	T-8 Lamps, Extent : Light, Area Affected : 100% Location : Throughout								
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location: Throughout	. 55							
	Explanation : Burnt Out								
HID	15%	2023	\$6,800	10	\$100				
	Other Observation, Extent : Li	ght, Area Affecte	d: 100%						
	Location : 1st Floor								
	Explanation: Downlights								
Incandescent	5% 0-2	\$400 2033	* *	2					
	Other Observation, Extent : Li	ght, Area Affecte	d : 100%						
	Location: Basement T. V. Ro Explanation: Downlights	oom, Dining Roo	m, Recreation Room	And 1st	Floor				
Egress Lighting									
Emergency, Service	50%	2023	\$2,800	1					
Exit, Service	50%	2023	\$600	1					
Exterior Lighting									
HID	100%	2028	**	10					
	Other Observation, Extent: Light, Area Affected: 100%								
	Location: Facade, Side Yard And Backyard								
	Explanation : Wall Mounted,	Controlled Via	Photocell And Time	Clock					

Mechanical	Current Repair	Future Re	placement	M	aintenance	
system Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Furnace	10%	2023	\$1,400	1	\$600	
	Other Observation, Extent : Ligh Location : Outside Members Re Explanation : Exterior Package	oom		embers R	200m	
Hot Water Boiler	90%	2028	* *	1	\$5,200	
not water Boller	Other Observation, Extent: Ligh Location: Basement Explanation: 3 Boilers	t, Area Affected : 10	0%		¥2,=33	
Distribution						
Ductwork/Diffusers	5%	LIFE	* *	2-5	\$300	
Hot Wtr Piping/Pump	95%	2039	* *	4	\$500	

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

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

Asset #: 13059

Mechanical		Current F	Repair	Future Replacement		Maintenance		
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	100%			2036	* *	1	\$3,800	
Air Conditioning								
Energy Source	1000/			2020	* *	1		
Electricity	100%			2039	* *	1		
Conversion Equipment	10%			2023	\$7.500	2	\$100	
Ext Pkg Unit - Heating/Cooling	10%			2023	\$7,500	2	\$100	
Window/Wall Unit	70%			2017	\$16,400	1		
No Component	20%			2017	\$10,400	1		
Distribution	2070							
Ductwork/Diffusers	5%			LIFE	* *	2	\$800	
No Component	95%			LII L		-	φοσο	
Ventilation	,,,,							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,500	
Exhaust Fans							•	
Roof	50%	Now	\$1,400	2028	* *	2	\$100	
	Location:	Roof	xtent : Moderate, A 4 Fans Not Running		cted : 30%			
Wall Unit	50%	Now	\$2,600	2028	* *	2	\$100	
			xtent : Moderate, A	Area Affe	cted : 30%			
	Location:	_	-					
	Explanatio	on : 2 Of	4 Fans Not Running	g				
Plumbing								
H/C Water Piping	1.0007			20.42	de de			
Brass/Copper	100%			2043	**	1		
	Location :		xtent : Light, Area	Ајјестеа	: 100%			
				atio 1 Ei	***			
Water Heater	Explanatio	m. 2 wa	ter Mains- 1 Dome	suc, 1 Fl	16			
Gas Fired	100%			2021	\$2,600	2	\$200	
GasTiled		vation F	xtent : Light, Area			2	\$200	
	Location :		_	Пусстси	. 100/0			
			! Gallon Units					
Sanitary Piping	zp.mmi	7	Catton Omns					
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	\$1,600	
		vation, E	xtent : Light, Area		: 100%			
	Location:	Basemen	t					
	Explanatio	on : Duple	ex Unit					

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

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

Asset #: 13059

Mechanical	Current Repa	ir Future Re	placement	M	aintenance			
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Plumbing								
Backflow Preventer								
No Component	95%							
Generic	5%	2028	* *	1				
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%	2043	* *	1-2	\$500			
	Other Observation, Exten	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Basement An	d 2nd Floor						
	Explanation : Serves Pa	rtial Basement And 2nd Flo	or Corridor					
Chemical System								
Wet	100%	2021	\$27,800	1-3	\$57,100			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Kitchen							
	Explanation : Serves Co	ooking Area						

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 73/LADDER CO. 42

Address : 655 PROSPECT AVENUE

Borough : BRONX Agency's Number : N/A

Program / Asset # : FIRSECO.073 / 13061 Yr Built/Renovated : 1900 / 2001

Area Sq Ft : 15,170 Project Type : FIRE DEPARTMENT

Date of Survey : 23-Jun-2015 Landmark Status : NONE

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

Block : 2675 Lot : 33 BIN : 2094318

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$87,500	\$14,400
Electrical		\$146,200
Mechanical	\$87,900	\$44,400
Total	\$175,400	\$205,000
Importance Code A	\$87,500	\$14,400
Importance Code B	\$87,900	\$190,500
Total	\$175,400	\$205,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$33,500		\$5,200	
Interior Architecture	\$55,200	\$5,300	\$900	\$1,700
Electrical	\$16,900	\$2,500	\$1,300	\$1,100
Mechanical	\$15,800	\$2,200	\$14,500	\$1,800
Elevators/Escalators	\$500			
Total	\$121,900	\$9,900	\$21,800	\$4,500
Importance Code A	\$34,300	\$800	\$6,000	\$800
Importance Code B	\$76,000	\$9,100	\$15,800	\$3,100
Importance Code C	\$11,700			\$700
Total	\$121,900	\$9,900	\$21,800	\$4,500



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

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

Asset #: 13061

Architecture	Current	Current Repair Fut		uture Replacement		Maintenance				
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Exterior										
Exterior Walls										
Masonry: Brick	75% Now	\$37,000	LIFE	* *	5	\$25,100				
	Expansion Int Failu		Area Affe	ected : 10%						
	Location : Between	n E73 And L42								
Masonry: Granite	5% Now	\$9,700	LIFE	* *	5	\$1,300				
	Staining/Discoloring, Extent: Moderate, Area Affected: 40%									
	Location : Front F	acade.								
Masonry: Limestone	10%		LIFE	* *	5	\$5,000				
Metal Sect. OHD	10%		2039	* *	5	\$10,500				
Windows										
Aluminum	100%		2042	* *	5	\$3,500				
Parapets										
Masonry: Brick	90%		LIFE	* *	5-10	\$19,000				
Masonry: Limestone	10%		LIFE	* *	5-10	\$3,800				
	Loose Units, Extent		fected : 2	2%						
		Location : At Roof Ladder Other Observation, Extent : Moderate, Area Affected : 2%								
	Other Observation, I Location : Parapet	Extent : Moderate, A	Area Affe	cted : 2%						
	Explanation: Roof	Ladder Causing D	amage To	Coping Stone						
Roof										
Asphalt Shingle	10%		2035	* *	10	\$200				
	Other Observation, I	_	Affected	: 100%						
	Location : Addition	Behind Building								
	Explanation : Addi	tional Storage Build	ding On I	Property						
Modified Bitumen	70% Now	\$50,500	2036	* *						
	Drains Clogged, Ext	ent : Light, Area Af	fected : 2	%						
	Location : Both Ro	of Drains Need To	Be Clean	ed.						
	Drains Inad/Misposi	_		ed : 5%						
	Location : Roof Ab	ove 2nd Floor Bath	room.							
	Ponding, Extent: Me	oderate, Area Affec	ted : 10%	ó						
	Location: Upper And Lower Roof									
	Water Penetration, Extent : Severe, Area Affected : 10%									
	Location: Upper Roof At Hvac Curb									
	Other Observation, I Location : Upper I		a Affecte	d : 10%						
	Explanation: Large Amount Of Water Trapped Below Roofing. Roof Is Bubbling									
Modified Bitumen	20%	J	2026	\$14,400	10	\$2,500				
Interior	2070		2020	Ψ17,700	10	Ψ2,500				

Interior

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

Asset #: 13061

Architecture		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors	400/			TIPE	* *	~	¢20.700	
Cast in Place Concrete	40%	C 11:	T M 1	LIFE		5	\$39,700	
	_	_	, Extent : Moderate nt Gymnasium	, Area A	ffected : 5%			
Ceramic Tile	5%			2035	* *	5	\$1,100	
Linoleum	5%			2027	* *	3	\$400	
Quarry Tile	5%			2039	* *	5	\$1,700	
		ded, Exten : Kitchen	t : Light, Area Affec	eted : 5%	Ó			
Vinyl Tile	15%			2026	\$28,300	3	\$1,700	
Wood	30%			2061	* *	5	\$12,800	
	Deteriora	ted Finish,	Extent : Light, Area	a Affecte	d : 15%			
	Location	: Various	Locations Through	out				
Interior Walls								
Ceramic Tile	5%			2035	* *	5	\$1,300	
Gypsum Board	25%	Now	\$500	LIFE	* *	5	\$4,000	
			Extent : Severe, Ared		d : 5%			
	Location	: Second .	Floor Locker Room					
Masonry: Brick	25%	Now	\$5,100	LIFE	* *			
•	Broken/M	issing Elen	nents, Extent : Ligh	t, Area A	ffected : 2%			
	Location	: Baseme	nt, Truck Side Unde	er Sidewa	alk.			
	Staining/L	Discoloring	, Extent : Light, Are	ea Affect	ed : 2%			
	Location	: Baseme	nt Gymnasium, Tru	ck Side.				
Plaster	20%	4+	\$2,100	LIFE	* *	5	\$1,600	
	Worn/Ero	ded, Exten	t : Light, Area Affec	ted : 5%	ó			
		: 3rd Floo						
SGFT/Glazed Masonry	25%			LIFE	* *	10	\$3,400	
Ceilings							+-,	
AcousTileSusp.Lay-In	45%			2043	* *	5	\$10,200	
1 2	Recent Ins	tallation, I	Extent : Light, Area	Affected	<i>l</i> : 100%			
	Location	: Through	iout.					
	Staining/L	Discoloring	, Extent : Light, Ard	ea Affect	ed : 5%			
	Location	: Various	Locations Through	out				
Exposed Struc: Steel	25%			LIFE	* *	10	\$11,400	
Gypsum Board	20%			LIFE	* *	5-10	\$15,600	
Plaster	10%			LIFE	* *	5-10	\$3,900	
Site Enclosure								
Fence/Gates								
Chain link	100%	Now	\$500	2052	* *			
		_	nents, Extent : Mod	erate, Ar	ea Affected : 10%			
		: Rear Of						
			Extent : Light, Area	Affected	1: 10%			
		: Rear Of	_					
	Explana	tion : Fenc	e Has Been Vandal	ized				

Site Pavements

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

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

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

Asset #: 13061

Architecture	Current Repair			Futur	e Replacement	M		
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Site Pavements

Parking/Driveway

Cast in Place Concrete 100% Now \$15,900 2039 **

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

Location: Front Apron

Other Observation, Extent: Severe, Area Affected: 25%

Location: Front Apron

Explanation: Apron And Street Sinking. Allowing Vehicle To Hit Sidewalk

Electrical	Current Repair	Future Re	eplacement	Maintenance				
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Inder 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2046	* *	5	\$100			
	Other Observation, Extent:	Light, Area Affected : 10	00%					
	Location: Basement							
-	Explanation: 400 Amps.							
Switchgear / Switchboard	1000	2046	* *	_	4100			
Fused Disc Sw	100%	2046	* *	5	\$100			
Raceway	1000/	2046	* *					
Conduit	100%	2046	* *	1				
Panelboards	1000/	2024	* *	~	Φ.400			
Molded Case Bkrs	100%	2034	* *	5	\$400			
Wiring	1000/	2026	* *	1				
Thermoplastic	100%	2036	* *	1				
Motor Controllers	1000/	2021	* *	5	¢100			
Locally Mounted	100%	2031	-1- 1-	3	\$100			
Ground Parisas								
Grounding Devices Generic	100%	LIFE	* *	5	\$400			
tand-by Power	100%	LIFE		3	\$400			
Transfer Switches								
Automatic	100%	2043	* *	1	\$4,700			
rutomatic	Recent Installation, Extent:		00%	1	φ+,700			
	Location : Basement	218.11, 11.04.11,100.04.11						
Generators								
Diesel	100%	2039	* *	1	\$5,900			
210001	Recent Installation, Extent:		00%	-	42,500			
	Location : Side Parking Area Location : Side Parking Area							
	Other Observation, Extent: Light, Area Affected: 100%							
	Location : Side Parking Lo							
	Explanation: 125 Kva							
Batteries	<u> </u>							
Lead/Acid	100%	2021	\$1,500	5	\$600			
	Recent Installation, Extent:	Light, Area Affected : 10						
	Location: Side Parking Lo	t Within Generator Encl	osure					

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

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

Asset #: 13061

Electrical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Fuel Storage				_		
Day Tank	100%	2048	* *	5	\$2,800	
	Other Observation, Extent: Light, Are	a Affected	: 100%			
	Location: Side Parking Area					
* · · ·	Explanation: 225 Gallons					
Lighting Interior Lighting						
Fluorescent	95%	2026	\$90,200	10	\$13,200	
	T-8 Lamps, Extent : Light, Area Affecte	ed : 100%			. ,	
	Location : Throughout					
Incandescent	5%	2026	\$4,700	2		
	Other Observation, Extent : Light, Are	a Affected	: 100%			
	Location: Stair Tower					
	Explanation: Jellyjars					
Egress Lighting						
Emergency, Service	50%	2026	\$3,600	1		
Exit, Service	50%	2026	\$800	1		
Exterior Lighting						
HID	100%	2026	\$56,000	10		
	Other Observation, Extent : Light, Are	a Affected	: 100%			
	Location: Exterior					
	Explanation: Photocell Control					
Alarm						
Fire/Smoke Detection						
No Component	90%					
Generic, Analog	10% 0-2 \$15,300		* *			
	Other Observation, Extent : Light, Are	a Affected	: 100%			
	Location : Throughout					
	Explanation : Obsolete					

Mechanical	Current Repair	Future Rep	lacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2046	* *	1		
Conversion Equipment						
Furnace	50%	2021	\$9,100	1	\$3,800	
	Other Observation, Extent : Light, A	rea Affected : 1009	%			
	Location: Roof					
	Explanation: 6 Gas Fired Heating	Cooling Units.	See A C Sect	ion For l	Votes	
Hot Water Boiler	50%	2031	* *	1	\$3,800	
Distribution						
Hot Wtr Piping/Pump	100%	2042	* *	4	\$1,100	

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

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

Asset #: 13061

Mechanical		Current Repair		Futur	e Replacement	M	aintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating										
Terminal Devices										
Convector/Radiator	80%			2039	* *	1	\$3,900			
Fan Coil Unit/Heat	20%			2026	\$44,400	1	\$1,000			
Air Conditioning										
Energy Source										
Electricity	100%			2042	* *	1				
Conversion Equipment Ext Pkg Unit - Heating/Cooling	90%	2-4	\$87,900	2036	* *	2	\$700			
		tent : Seve : 2nd Floo	ere, Area Affected : or	10%						
	Other Obso Location		Extent : Moderate, 1	Area Affe	cted : 100%					
	Explanat	ion : Units	Past Useful Life.	Prone To	Failures Requires	s Freque	nt Repair			
Split Unit	10%	2-4	\$3,400	2034	* *					
•	Other Obs	ervation, E	Extent : Light, Area	Affected	: 20%					
	Location	Location: Basement								
	Explanat	ion : Indoc	or Unit Old And Ins	sufficient						
Distribution										
Ductwork/Diffusers	100%			LIFE	* *	2	\$24,700			
Ventilation										
Distribution										
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,400			
Exhaust Fans	1000/			2021	de de	•	Φ π 00			
Interior	100%			2031	* *	2	\$500			
Plumbing										
H/C Water Piping	1000/			2046	* *	1				
Brass/Copper	100%			2046	4. 4.	1				
Water Heater	1000/			2025	\$2.400	2	\$200			
Gas Fired	100%	daaa Ewid	ent, Extent : Light,	2025	\$3,400	2	\$200			
		: Basemen		Агеи Ајј	есіва . 100%					
			u Extent : Light, Area	Affected	. 100%					
		: Basemen	_	Ајјестеи	. 100/0					
			5 Gallon Units							
Sanitary Piping	Елрини	ion . 2 - / .	Guion Onns							
Cast Iron	100%			LIFE	* *	1				
Storm Drain Piping	100/0			211 12						
Cast Iron	100%			LIFE	* *	1				
Sump Pump(s)	100/0									
Submersible	100%			2019	\$6,500	4	\$2,500			
Fixtures	10070			_017	40,200	•	<i>42,230</i>			
Generic	100%									
Gira Suppression	100/0									

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.

FIRE DEPARTMENT - 057 ENGINE CO. 73/LADDER CO. 42

Asset #: 13061

Mechanical	Current Repair	Future Replacement	Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority		
Fire Suppression Sprinkler						
Generic	100%	2046 **	1-2 \$4,200			
Other Observation, Extent : Light, Area Affected : 100%						
	Location: Kitchen					
	Explanation : System Serves Cooking A	Area				

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 75 /LADDER CO. 33 /BATTALION 19

Address : 2175 WALTON AVENUE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 12,541 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3186 Lot : 37 BIN : 2000000

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$75,400
Electrical		\$78,500
Total		\$153,900
Importance Code A		\$75,400
Importance Code B		\$78,500
Total		\$153,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$46,600		\$3,700	_
Interior Architecture	\$52,800		\$900	\$2,900
Electrical	\$1,900	\$900	\$2,400	\$900
Mechanical	\$15,300	\$9,400	\$11,400	\$4,900
Total	\$116,500	\$10,300	\$18,400	\$8,600
Importance Code A	\$47,200	\$600	\$4,300	\$600
Importance Code B	\$51,100	\$9,700	\$14,100	\$6,500
Importance Code C	\$18,200			\$1,500
Total	\$116,500	\$10,300	\$18,400	\$8,600



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

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

Asset #: 13063

Architecture	Cu	Current Repair Future Re		Replacement		Maintenance	
System Component Type		Date Estimated Co	ost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior			•				
Exterior Walls							
Concrete Masonry Unit	85%		LIFE	* *	5	\$24,900	
Exposed Struc: Steel	2%		LIFE	* *	5	\$2,900	
		tion, Extent : Light, A					
		ocated At Entry And Po	avea Piaza/ Ko	of			
M. I.G. LOUD		: Steel Awnings	2020	ate ate		Φ7.200	
Metal Sect. OHD	10%		2039	* *	5	\$7,300	
Pre-Cast Concrete	3%		LIFE	* *	5	\$4,600	
Windows Aluminum	95%		2042	* *	5	\$2,000	
Glass Block	5%		LIFE	* *	5	\$2,000 \$100	
Parapets	370		LIIL			Ψ100	
Concrete Masonry Unit	85%		LIFE	* *	5-10	\$29,400	
Pre-Cast Concrete	15%		LIFE	* *	5	\$11,900	
Roof						+,,	
Modified Bitumen	80%		2026	\$75,400	10	\$13,300	
		Extent : Light, Area Afj		, ,		, ,	
	Location : At	Seams, Throughout N	Main Roof.				
	Ponding, Exter	nt : Light, Area Affecte	ed : 5%				
	Location : Co	enter Main Roof.					
	Recent Repair	Evident, Extent : Ligh	nt, Area Affecte	d : 15%			
	Location : M	ain Roof Adjacent To	Parapets				
		Extent : Light, Area A	Affected : 75%				
	Location : Th	roughout Main Roof					
Panel/Paver: Cer/Brk	20%		2046	* *	10	\$4,400	
nterior							
Floors							
Cast in Place Concrete		ow \$3,80		* *	5	\$16,400	
		acks, Extent : Light, A		20%			
	Location : Bo	asement & Apparatus	Floor.				
Ceramic Tile	15%		2035	* *	5	\$2,800	
Ceramic Tile Quarry Tile	5% N		2035 00 2039	* *	5 5	\$2,800 \$700	
	5% N	nbling, Extent : Mode	2035 00 2039	* *			
	5% N Cracking/Crun Location : Ki Uneven Substr	nbling, Extent : Mode itchen ate, Extent : Severe, A	2035 00 2039 rate, Area Affe	* * cted : 15%			
Quarry Tile	5% N Cracking/Crun Location : Ki Uneven Substr Location : Ki	nbling, Extent : Mode itchen ate, Extent : Severe, A	2035 00 2039 rate, Area Affe Area Affected :	* * cted : 15%	5	\$700	
Quarry Tile Vinyl Tile	5% N Cracking/Crun Location : Ki Uneven Substr	nbling, Extent : Mode itchen ate, Extent : Severe, A	2035 00 2039 rate, Area Affe	* * cted : 15%			
Quarry Tile Vinyl Tile Interior Walls	5% N Cracking/Crun Location : Ki Uneven Substra Location : Ki 40%	nbling, Extent : Mode itchen ate, Extent : Severe, A	2035 00 2039 rate, Area Affe Area Affected :	* * cted : 15%	3	\$2,800	
Quarry Tile Vinyl Tile Interior Walls Ceramic Tile	5% N Cracking/Crun Location : Ki Uneven Substra Location : Ki 40%	nbling, Extent : Mode itchen ate, Extent : Severe, A itchen	2035 00 2039 rate, Area Affe Area Affected : 2031 2035	* * cted : 15% 20% **	5	\$2,800 \$2,900	
Quarry Tile Vinyl Tile Interior Walls	5% N Cracking/Crum Location: Ki Uneven Substra Location: Ki 40% 15% 45% N	nbling, Extent : Mode itchen ate, Extent : Severe, A itchen	2035 00 2039 rate, Area Affe Area Affected : 2031 2035 00 LIFE	** cted:15% 20% ** **	5 3 5	\$2,800	
Quarry Tile Vinyl Tile Interior Walls Ceramic Tile	5% N Cracking/Crun Location: Ki Uneven Substr. Location: Ki 40% 15% 45% N Vertical Crack	nbling, Extent : Mode itchen ate, Extent : Severe, A itchen ow \$9,60	2035 00 2039 rate, Area Affe Area Affected: 2031 2035 00 LIFE a Affected: 5%	** cted:15% 20% ** **	5 3 5	\$2,800 \$2,900	
Quarry Tile Vinyl Tile Interior Walls Ceramic Tile	5% N Cracking/Crun Location: Ki Uneven Substrt Location: Ki 40% 15% 45% N Vertical Crack Location: Va	nbling, Extent : Mode itchen ate, Extent : Severe, A itchen ow \$9,60 s, Extent : Light, Area	2035 2039 rate, Area Affe Area Affected: 2031 2035 200 LIFE Affected: 5% pparatus Flooi	** cted:15% 20% ** ** **	5 3 5	\$2,800 \$2,900	
Quarry Tile Vinyl Tile Interior Walls Ceramic Tile	5% N Cracking/Crun Location: Ki Uneven Substra Location: Ki 40% 15% 45% N Vertical Crack Location: Va Other Observa	nbling, Extent : Mode itchen ate, Extent : Severe, A itchen ow \$9,60 s, Extent : Light, Area arious Locations on A	2035 2039 rate, Area Affe Area Affected: 2031 2035 200 LIFE Affected: 5% pparatus Floor area Affected:	** 20% ** ** ** ** 10%	5 3 5 5	\$2,800 \$2,900	
Quarry Tile Vinyl Tile Interior Walls Ceramic Tile	5% N Cracking/Crun Location: Ki Uneven Substra Location: Ki 40% 15% 45% N Vertical Crack Location: Ve Other Observa Location: Ne	nbling, Extent : Mode itchen ate, Extent : Severe, A itchen ow \$9,60 s, Extent : Light, Area arious Locations on A tion, Extent : Light, A	2035 2039 rate, Area Affe Area Affected: 2031 2035 200 LIFE Affected: 5% pparatus Floor area Affected:	** 20% ** ** ** ** 10%	5 3 5 5	\$2,800 \$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 #: 13063

Architecture	Current Re	pair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date E Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	45% Now	\$1,300	2039	* *	5	\$4,200	
	Broken/Missing Elemen	nts, Extent : Light	, Area A	ffected : 2%			
	Location: 2nd Floor	Laundry Room.					
Exposed Concrete	55% Now	\$16,200	LIFE	* *	5	\$1,600	
•	Cracking/Crumbling, E.	xtent : Moderate	Area Af	fected : 4%			
	Location : Roof Stair	Bulkhead And Bo	isement I	Below Kitchen			

Electrical	Current F	Current Repair		Replacement	Ma		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2046	* *	5	\$100	
	Other Observation, E.	_	Affected :	100%			
	Location : Basemen						
	Explanation: 600 A	mps Service					
Switchgear / Switchboard							
Fused Disc Sw	100%		2046	* *	5	\$100	
Raceway							
Conduit	100%		2046	* *	1		
Panelboards							
Molded Case Bkrs	100%		2042	* *	5	\$300	
Wiring							
Thermoplastic	100%		2046	* *	1		
Motor Controllers							
Locally Mounted	100%		2039	* *	5	\$100	
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$400	
Stand-by Power							
Transfer Switches							
Automatic	100%		2031	* *	1	\$3,900	
	Other Observation, E.	_	Affected :	100%			
	Location : Basemen						
	Explanation: 200 A	mps					
Generators							
Diesel	100%		2029	* *	1	\$4,900	
	Other Observation, E.	_	Affected :	100%			
	Location: Building						
	Explanation: 64 Kv	V					
Batteries							
Lead/Acid	100%		2019	\$1,500	5	\$500	
Fuel Storage							
Main Tank Lighting	100%		2041	* *	5	\$400	

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

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

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

Asset #: 13063

Electrical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	ate Estimated Cost (S)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting							
Interior Lighting							
Fluorescent	100%		2026	\$78,500	10	\$11,500	
	T-8 Lamps, Exten	t : Light, Area Affected	d: 100%				
	Location: Thro	ughout Building					
Egress Lighting							
Emergency, Service	50%		2026	\$3,000	1		
Exit, Battery	50%		2021	\$2,200	10	\$400	
Exterior Lighting							
HID	100%		2031	* *	10		
Alarm							
Fire/Smoke Detection							
Generic, Digital	100%		2034	* *			

Mechanical	Current Repair	Futur	e Replacement	М	aintenance				
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Heating									
Energy Source									
Natural Gas	100%	2046	* *	1					
Conversion Equipment									
Furnace	50%	2031	* *	1	\$3,100				
	Other Observation, Extent: 1	Other Observation, Extent: Light, Area Affected: 100%							
	Location: Roof								
	Explanation: 7 - Gas Fired	Heating / Cooling	Units						
Hot Water Boiler	50%	2039	* *	1	\$3,100				
Distribution					•				
Ductwork/Diffusers	50%	LIFE	* *	2-5	\$5,500				
Hot Wtr Piping/Pump	50%	2042	* *	4	\$500				
Terminal Devices									
Convector/Radiator	98%	2039	* *	1	\$4,000				
Unit Heater-Stm/HW	2%	2031	* *	4					
Air Conditioning									
Energy Source									
Electricity	100%	2042	* *	1					
Conversion Equipment									
Ext Pkg Unit -	98%	2031	* *	2	\$800				
Heating/Cooling									
	R-22 Refrigerant, Extent: Lig	ght, Area Affected :	100%						
	Location: Roof								
Split Unit	2%	2031	* *						
Distribution									
Ductwork/Diffusers	100%	LIFE	* *	2	\$20,400				
/entilation					•				
Distribution									
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$11,100				

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

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

Mechanical	Current Repair	Future	air Future Replacement Maintenance			
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Exhaust Fans						
Roof	100%	2031	* *	2	\$400	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
Water Heater						
Gas Fired	100%	2024	\$2,800	2	\$200	
	Other Observation, Extent : Light,	Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 - 75 Gallon Uni	ts				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Rigid Piping	100%	2031	* *	4	\$1,600	
	Other Observation, Extent: Light,	Area Affected	: 100%			
	Location: Basement					
	Explanation: Duplex Unit					
Backflow Preventer						
Generic	100%	2031	* *	1	\$800	
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Generic	100%	2024	\$25,500	1-3	\$50,600	

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

Page: 329

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 76/LADDER CO. 22 CO-LOCATE (PRECINCT 24)

Address : 145 WEST 100th STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.076 / 13064 Yr Built/Renovated : 1960 /

Area Sq Ft : 12,803 Project Type : FIRE DEPARTMENT

Date of Survey : 26-Sep-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 1855 Lot : 5 BIN : 1055910

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$66,600
Interior Architecture		\$58,500
Electrical		\$117,800
Total		\$242,900
Importance Code A		\$66,600
Importance Code B		\$176,300
Total		\$242,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$36,500	\$5,600		
Interior Architecture	\$8,200			\$900
Electrical	\$200	\$200		
Mechanical	\$500	\$500	\$1,700	\$500
Total	\$45,400	\$6,200	\$1,700	\$1,400
Importance Code A	\$36,500	\$5,600		
Importance Code B	\$8,800	\$700	\$1,700	\$1,400
Importance Code C				
Total	\$45,400	\$6,200	\$1,700	\$1,400



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

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

FIRE DEPARTMENT - 057 ENGINE CO. 76/LADDER CO. 22 CO-LOCATE (PRECINCT 24)

Asset #: 13064

rchitecture		Current Repair Future Replacement		e Replacement	Maintenance			
ystem Component Type		ail Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
kterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$16,700	
Masonry: Granite	5%			LIFE	* *	5	\$800	
Masonry: Limestone	10%			LIFE	* *	5	\$1,700	
Wood Overhead Doors	10%			2028	* *	5	\$11,100	
Windows Aluminum	Broken/Miss Location:	Through			-	5	\$300	1
	Location:	Through n : Windo	ows Are Very Old,		d : 100% d, Single-glazed Ai	nd Inoper	rable. They	
Parapets								
Cast Stone/Terra Cotta	20% Recent Repla Location : I		ent, Extent : Light, . Of	LIFE Area Aff	* * ected : 100%	5	\$2,400	
Masonry: Brick	80% Recent Repla Location : I		ent, Extent : Light, .	LIFE Area Affa	* * ected : 100%	5	\$1,200	
Roof			-					
Roll Roofing	100% Recent Repla Location : I		ent, Extent : Light, . Of	2022 Area Affa	\$66,600 ected : 100%	5	\$27,500	
terior								
Floors								
Cast in Place Concrete	50%		*4 = 00	LIFE	* *	5	\$19,300	
Ceramic Tile	_	_	\$1,700 Extent : Moderate Floor Bathroom	2032 , Area Aj	* * ffected : 10%	5	\$900	
Vinyl Tile	40% Broken/Miss Location:	_	\$5,800 ents, Extent : Mod or Corridor	2023 erate, Ar	\$58,500 rea Affected : 10%	3	\$2,600	
Interior Walls					444000		A	
Ceramic Tile	10%			2026	\$31,000	5	\$1,200	
Ceramic Tile Gypsum Board	10%			LIFE	* *	5	\$700	
Ceramic Tile Gypsum Board Plaster	10% 20%			LIFE LIFE	* *			
Ceramic Tile Gypsum Board Plaster SGFT/Glazed Masonry	10%			LIFE	* *	5	\$700	
Ceramic Tile Gypsum Board Plaster SGFT/Glazed Masonry Ceilings	10% 20% 60%			LIFE LIFE LIFE	**	5 5	\$700 \$700	
Ceramic Tile Gypsum Board Plaster SGFT/Glazed Masonry	10% 20% 60% 10% Broken/Miss	_	\$700 ents, Extent : Mod Bathroom	LIFE LIFE LIFE 2040	**	5	\$700	
Ceramic Tile Gypsum Board Plaster SGFT/Glazed Masonry Ceilings	10% 20% 60%	ing Elem	ents, Extent : Mod	LIFE LIFE LIFE 2040	**	5 5	\$700 \$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.

\$4,100

1

1

\$25,700

FIRE DEPARTMENT - 057 ENGINE CO. 76/LADDER CO. 22 CO-LOCATE (PRECINCT 24)

Asset #: 13064

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Not Accessible	100%					
Raceway						
Conduit	100%	2033	* *	1		
Panelboards						
Molded Case Bkrs	100%	2022	\$37,700	5	\$300	
Wiring						
Thermoplastic	100%	2033	* *	1		
Motor Controllers						
Motor Control Center	100%	2028	* *	5	\$300	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Lighting						
Interior Lighting						
Fluorescent	100%	2023	\$80,200	10	\$11,700	
	Other Observation, Extent : I	Light, Area Affected	: 100%			
	Location : Throughout					
	Explanation: Mostly T-8					
Exterior Lighting						
HID	30%	2023	\$14,200	10		
No Component	70%					

Mechanical		Current F	Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Not Accessible	100%							
	Other Obs	ervation, E	xtent : Light, Area	Affected	!: 0%			
	Location	: Precinct	24					
	Explanat	tion : Locat	ted In Adjacent Bui	lding				
Conversion Equipment								
Not Accessible	100%							
	Other Obs	ervation, E	xtent : Light, Area	Affected	!:0%			
	Location	: Precinct	24					
	Explanat	tion : Locat	ed In Adjacent Bui	lding				
Distribution								
Hot Wtr Piping/Pump	100%			2039	* *	4	\$600	
Terminal Devices								

2036

2045

2021

Ventilation

Air Conditioning
Energy Source
Electricity

Convector/Radiator

Conversion Equipment Window/Wall Unit

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

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

100%

100%

100%

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

FIRE DEPARTMENT - 057 ENGINE CO. 76/LADDER CO. 22 CO-LOCATE (PRECINCT 24)

Mechanical	Current Re	pair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$7,100	
Exhaust Fans							
Interior	50%		2028	* *	2	\$200	
Roof	50%		2028	* *	2	\$200	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2043	* *	1		
Water Heater							
Electric	100%		2021	\$1,900	4	\$100	
	Other Observation, Ext	ent : Light, Area A	ffected	: 100%			
	Location: 1st Floor						
	Explanation: 2 - 120	Gallon Units					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

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

Page: 333

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 8

Address : 165 EAST 51st STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.008 / 13007 Yr Built/Renovated : 1961 /

Area Sq Ft : 9,897 Project Type : FIRE DEPARTMENT

Date of Survey : 29-Mar-2012 Landmark Status : NONE

Areas Surveyed : Floors 1,2

Block : 1306 Lot : 33 BIN : 1036462

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$117,100	
Total	\$117,100	
Importance Code A	\$117,100	
Total	\$117,100	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	\$60,500			\$600
Electrical	\$1,400	\$9,600	\$700	\$800
Mechanical	\$700	\$500	\$5,200	\$500
Total	\$62,600	\$10,100	\$6,000	\$2,000
Importance Code A				
Importance Code B	\$52,300	\$10,100	\$6,000	\$2,000
Importance Code C	\$10,400			
Total	\$62,600	\$10,100	\$6,000	\$2,000



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

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

Architecture		Current Repair		Futur	re Replacement	М	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	CO 0/	2.4	Ф <i>с</i> 7 400	LIEE	* *	~	ф 2 2 00	2
Masonry: Granite	60%	2-4	\$67,400	LIFE		5	\$2,200	2
	_	_	Extent : Severe, A. d Door Jambs	rea Ajjec	nea : 25%			
			d Boor samos l, Extent : Moderat	e Area	Affected : 25%			
		: Through		c, 111 cu 1	ijjecica : 2570			
			Extent : Light, Area	Affected	! : 1%			
			Elevation Street Si					
	Explana	ion : Missi	ng Engine No. Lett	ers				
Metal Sect. OHD	40%		0 0	2036	* *	5	\$6,100	
Windows								
Aluminum	100%	Now	\$49,700	2048	* *	5	\$1,200	
	Air Infiltra	ıtion, Exter	it : Moderate, Area	Affected	d : 50%			
	Location	: Through	out					
Interior								
Floors	4.50	0.2	*** ** ** ** ** ** ** **		de de	_	414 500	
Cast in Place Concrete	45%	0-2	\$27,100	LIFE	**	5	\$14,600	
			Extent : Moderate out The Apparatus		ffectea : 50%			
		_	oui The Apparaius derate, Area Affeci		/-			
	_		out The Apparatus		o			
		_	ere, Area Affected					
	-		out Apparatus Floc					
Ceramic Tile	15%	4+	\$800	2032	* *	5	\$1,100	
Ceranne The			Extent : Moderate, A		ected : 100%	3	φ1,100	
		: Shower I						
	Explana	ion : Missi	ng Sealant Between	n Showe	r Base And Tiles			
Quarry Tile	5%	4+	\$400	2036	* *	5	\$600	
Carrie y	Broken/Mi	ssing Elem	ents, Extent : Mode		ea Affected : 100%	6	,	
	Location	: Door Sa	ddle To Kitchen					
Vinyl Tile	35%	0-2	\$17,200	2028	* *	3	\$1,900	
,		Crumbling,	Extent : Moderate		ffected : 40%		. ,	
	Location	: Through	out The 2nd Floor					
	Worn/Eroc	led, Extent	: Moderate, Area	Affected	: 40%			
	Location	: Through	out The Second Flo	or				
			Extent : Moderate, A	Area Affe	ected : 20%			
		: Through						
	Explana	tion : Vinyl	Base Is Coming O	ff At Mu	ltiple Locations.			

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

Asset #: 13007

Architecture		Current l	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	10%		\$1,100	2032	* *	5	\$1,100	
		_	, Extent : Moderate ese At Bathrooms	, Area Aj	ffected : 100%			
Gypsum Board	25%			LIFE	* *	5	\$3,200	
Plaster	15%	0-2	\$1,200	LIFE	* *	5	\$900	
	Location Staining/L	ı : Bunk Ro	, Extent : Moderate					
	Other Obs	O	Extent : Moderate, A	Area Affe	ected : 5%			
	Explana	tion : Unfir	aished Drywall At N	Aultiple I	Locations			
SGFT/Glazed Masonry	50%	4+	\$8,000	LIFE	* *			
	_		, Extent : Moderate Entrance Door	, Area A	ffected : 100%			
Ceilings								
Acous TileSusp.Lay-In	Location	d/Bulging, 1 : Multiple	\$4,600 Extent: Moderate, Locations At The S	Second F	loor	5	\$1,000	
	_	_	, Extent : Moderate out Building	, Area A	ffected : 75%			
Gypsum Board	5%			LIFE	* *	5	\$400	
Plaster	65%			LIFE	* *	5	\$2,600	

Electrical		Current l	Repair	Futu	re Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts								
Service Equipment								
Not Accessible	100%							
	Other Ob.	servation, E	Extent : Light, Area	Affected	!:0%			
	Location	ı:						
	Explana	tion : Main	Service Located In	Police .	Precinct			
Raceway								
Conduit	100%			2049	* *	1		
Panelboards								
Molded Case Bkrs	100%			2045	* *	5	\$300	
Wiring								
Thermoplastic	100%			2049	* *	1		
Motor Controllers								
Motor Control Center	100%			2040	* *	5	\$300	
	Other Ob.	servation, E	Extent : Light, Area	Affected	! : 100%			
	Location	ı : 1st Floo	r					

Explanation: Motorized Door Operators For Garage Doors

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 #: 13007

Electrical	Current Repair	Future Replacemen	t N	Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Co	ost Cycle (Yrs)	Estimated Cost	Priority	
Ground						
Grounding Devices						
Not Accessible	100%					
	Other Observation, Extent : Light, Ar	ea Affected : 0%				
	Location:	C				
N. 11 D	Explanation : In Police Precinct Or	Commercial Building				
Stand-by Power Transfer Switches						
Not Accessible	100%					
Not Accessible	Other Observation, Extent : Light, Ar	ea Affected · 0%				
	Location:	eu rijjeereu . 070				
	Explanation : In Police Precinct Or	Commercial Building				
Generators	2.07.0	Commercial Bullants				
Not Accessible	100%					
	Other Observation, Extent : Light, Ar	ea Affected : 0%				
	Location:					
	Explanation : In Police Precinct Or	Commercial Building				
Fuel Storage						
Not Accessible	100%					
Lighting						
Interior Lighting						
Fluorescent	100%	2020	* * 10	\$9,100		
	T-8 Lamps, Extent : Light, Area Affec	ted : 100%				
	Location : Throughout					
	Other Observation, Extent : Light, Ar	ea Affected : 5%				
	Location : Weight Room					
	Explanation: Lens Is Not Secured F	Properly				
Egress Lighting						
Emergency, Service	5%	2028	* 1			
	Other Observation, Extent: Light, Ar	ea Affected : 100%				
	Location: Throughout	n n in n	rd Du	0.0		
	Explanation : Ceiling Light Fixtures Alternate Power Source Not Determ		ипег Бапег	y Or Generator -		
Exit, Service	50%		* * 1			
Exit, Service	Other Observation, Extent : Light, Ar		1			
	Location: 2nd Floor	eu nyjecieu . 10070				
	Explanation: Observed On 2nd Flo	or				
No Component	45%					
	4370					
Exterior Lighting HID	100% Now \$900	2033	: *			
\mathbf{m}	Malfunctioning, Extent: Severe, Area	2033				
	Location : Front Exterior	лујески . 100/0				
	Other Observation, Extent: Severe, A	rea Affected · 100%				
	Location : Front Exterior					
	Explanation: Operated By Photoce.	ll - Photocell May Re Malt	unctionino			
Alarm	Transmitted Special Conference S		8			

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

Maintenance \$ are aggregated over a 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 Replaceme	ent	М		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm						
Fire/Smoke Detection						
Generic	100%	2031	* *	1-3	\$6,100	
	Other Observation, Extent : Light, Area	Affected : 100%				
	Location : Throughout					
	Explanation : Complete Fire Alarm Sy	ystem With Bells, Horn	ns, Sti	robes, Sm	oke Detectors	
	And Pull Stations					

Mechanical	Current Repair		Futur	e Replacement	М	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Not Accessible	100%							
	Other Obs	servation, E	Extent : Light, Area	Affected	: 0%			
	Location	ı:						
	Explana	tion : Heat	ing Unit Located In	17 Prec	inct			
Conversion Equipment								
Not Accessible	100%							
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	\$3,300	
Steam Piping/Pump	40%			2043	* *	4	\$200	
Terminal Devices								
Convector/Radiator	80%			2036	* *	1	\$2,600	
Unit Heater-Stm/HW	20%			2028	* *	4	\$200	
ir Conditioning								
Energy Source								
Not Accessible	100%							
Conversion Equipment								
Not Accessible	100%							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$12,900	
entilation entile								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,500	
Exhaust Fans								
Interior	100%			2031	* *	2	\$300	
lumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
Water Heater								
Electric	100%			2022	\$1,500	4	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Not Accessible	100%							

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a 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	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Not Accessible	100%							
Sprinkler								
Generic	100%			2043	* *	1-2	\$2,800	
Fire Pump								
Not Accessible	100%							

Page: 339

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 80/LADDER 23 Address : 503 WEST 139th STREET

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSECO.080 / 13066 Yr Built/Renovated : 1904 / 2011

Area Sq Ft : 10,667 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Apr-2012 Landmark Status : NONE

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

Block : 2071 Lot : 27 BIN : 1075504

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		\$66,800
Total		\$66,800
Importance Code B		\$66,800
Total		\$66,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		\$12,700		\$7,500
Interior Architecture	\$400		\$1,100	\$2,700
Electrical	\$1,300	\$3,100	\$1,800	\$1,500
Mechanical	\$1,800	\$1,400	\$6,400	\$1,400
Total	\$3,500	\$17,200	\$9,300	\$13,000
Importance Code A	\$1,100	\$13,800	\$1,200	\$8,500
Importance Code B	\$2,500	\$3,400	\$8,100	\$4,500
Importance Code C				
Total	\$3,500	\$17,200	\$9,300	\$13,000



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

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

Asset #: 13066

Architecture		Current R	epair	Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$29,100	
Masonry: Limestone	15%			LIFE	* *	5	\$4,400	
Metal Sect. OHD	10%			2040	* *	5	\$12,100	
Windows								
Aluminum	100%			2045	* *	5	\$2,800	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$3,800	
Masonry: Brick	65%			LIFE	* *	5	\$1,600	
Masonry: Limestone	15%			LIFE	* *	5	\$500	
Roof								
Modified Bitumen	97%			2028	* *	10	\$12,700	
Skylight, Metal/Glass	3%			2043	* *	10	\$1,300	
nterior								
Floors								
Cast in Place Concrete	37%			LIFE	* *	5	\$12,900	
		Crumbling, I : Cellar	Extent : Light, Are	a Affecte	ed : 10%			
Ceramic Tile	5%			2032	* *	5	\$800	
Quarry Tile	3%			2036	* *	5	\$700	
Vinyl Tile	55%			2031	* *	3	\$3,300	
Interior Walls								
Ceramic Tile	30%			2036	* *	5	\$5,700	
Concrete Masonry Unit	10%			LIFE	* *	5	\$800	
Gypsum Board	40%			LIFE	* *	5	\$4,600	
Masonry: Brick	20%			LIFE	* *			
G '''								
Ceilings								
Ceilings AcousTileSusp.Lay-In	35%			2040	* *	5	\$5,400	
	35% 20%			2040 LIFE	* *	5 5	\$5,400 \$500	
AcousTileSusp.Lay-In								
AcousTileSusp.Lay-In Exposed Concrete	20%			LIFE	* *			
Acous TileSusp.Lay-In Exposed Concrete Exposed Struc: Steel	20% 20%			LIFE LIFE	* *	5	\$500	
Acous TileSusp.Lay-In Exposed Concrete Exposed Struc: Steel Gypsum Board	20% 20%			LIFE LIFE	* *	5	\$500	
AcousTileSusp.Lay-In Exposed Concrete Exposed Struc: Steel Gypsum Board ite Pavements	20% 20%			LIFE LIFE	* *	5	\$500	
AcousTileSusp.Lay-In Exposed Concrete Exposed Struc: Steel Gypsum Board ite Pavements On-Site Walkways	20% 20% 25%			LIFE LIFE LIFE	* * * * * *	5	\$500	

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year 1 FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2049	* *	5	\$300	
	Other Observation, Extent : Lig	ht, Area Affected :	100%			
	Location: Basement					
	Explanation: 200 Amp					

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

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

Asset #: 13066

Electrical	Current Repair	Future Re	Future Replacement Maintenance		aintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Raceway							
Conduit	100%	2053	* *	1			
Panelboards Molded Case Bkrs	100%	2045	* *	5	\$300		
Wiring Thermoplastic	100%	2049	* *	1			
Motor Controllers	10070	20.5					
Locally Mounted	100%	2028	* *	5	\$100		
Ground	10070				Ψ100		
Grounding Devices Generic	100%	LIFE	* *	5	\$200		
Stand-by Power							
Transfer Switches							
Automatic	100%	2040	* *	1	\$3,300		
	Other Observation, Extent : Light, A Location : Basement	леа Ајјества : 10	0%				
	Explanation: Two Automatic Tran	isfer Switches - 1.	50 Amp, 3 Pho	ase And 1	00 Amp, 3 Phase		
Generators							
Diesel	100% Other Observation, Extent: Light, A	2036 Area Affected : 10	* * 0%	1	\$4,100		
	Location : Basement Explanation : 80 Kw / 100 Kva, 3 I	Phase. 208/120 V					
Batteries	2.17 (1.17) 100 11, 11, 11, 11, 11, 11, 11, 11, 11,						
Lead/Acid	100%	2018	\$1,500	5	\$400		
Fuel Storage	2000		+ - , - 0 0		7.00		
Day Tank	10%	2039	* *	5	\$200		
,	Other Observation, Extent: Light, A Location: Basement		0%				
	Explanation: 100 Gallon Stand Al				***		
Main Tank	90% Other Observation, Extent : Light, A Location : Basement	2051 rea Affected : 10	* * 0%	5	\$300		
	Explanation: 550 Gallon Diesel F	ual Tank					
Lighting	Explanation . 330 Gatton Dieset F	uet 1 unik					
Interior Lighting							
Fluorescent	100%	2023	\$66,800	10	\$9,800		
Tagrescent	T-8 Lamps, Extent : Light, Area Affe Location : Throughout		ψ 00,000	10	Ψ2,000		
Egress Lighting							
Emergency, Service	50%	2031	* *	1			
Exit, Service	50%	2031	* *	1			

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

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

Asset #: 13066

Electrical	Current Repair	Future R	eplacement	M		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Exterior Lighting						
HID	70%	2028	* *	10		
	Other Observation, Extent : Ligh	t, Area Affected : 10	00%			
	Location: Facade And Side Ya	rd				
	Explanation: Wall Mounted					
Incandescent	30%	2023	\$10,000	2		
	Other Observation, Extent : Ligh	t, Area Affected : 10	00%			
	Location : Facade					
	Explanation: Wall Mounted					
Alarm						
Fire/Smoke Detection						
Generic	100%	2031	* *	1-3	\$6,600	
	Other Observation, Extent : Ligh	t, Area Affected : 10	00%			
	Location : Throughout					
	Explanation: Smoke / Carbon	Monoxide Detectors	5			

Mechanical	Curre	nt Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Da Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Natural Gas	100%		2049	* *	1			
Conversion Equipment								
Steam Boiler	100%		2040	* *	1	\$10,600		
Distribution								
Steam Piping/Pump	100%		2049	* *	4	\$800		
Terminal Devices								
Convector/Radiator	85%		2040	* *	1	\$2,900		
Unit Heater-Stm/HW	15%		2031	* *	4	\$100		
Air Conditioning								
Energy Source								
Electricity	100%		2045	* *	1			
Conversion Equipment								
Ext Pkg Unit - Cooling	90%		2031	* *	2	\$600		
	Other Observation	n, Extent : Light, Area	Affected	: 100%				
	Location: Roof							
	Explanation: R	- 410 A Refrigerant						
No Component	10%							
Distribution		_	•		•			
Ductwork/Diffusers	90%		LIFE	* *	2	\$12,500		
No Component	10%							

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.

echanical	Current Repair	Futur	Future Replacement		Maintenance		
rstem Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
ntilation							
Distribution	4000				* - 000		
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,900		
	Other Observation, Extent : Light, Are	ea Affected	: 100%				
	Location : Basement	A 15 1	, F. G.				
F. 1 F.	Explanation : Includes Makeup Air A	And Exhau	st For Generator				
Exhaust Fans	1000/	2021	* *	2	¢200		
Roof	100%	2031	* *	2	\$300		
imbing							
H/C Water Piping Brass/Copper	100%	2049	* *	1			
Water Heater	100%	2049		1			
Gas Fired	100%	2022	\$2,400	2	\$200		
Gas i ficu	Other Observation, Extent : Light, Are			2	Ψ200		
	Location: Basement	201 1 255 0 0 0 0 0	. 10070				
	Explanation: 2 - 75 Gallon Units						
Sanitary Piping	7						
Cast Iron	100%	LIFE	* *	1			
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1			
Sump Pump(s)							
Rigid Piping	100%	2031	* *	4	\$1,600		
Backflow Preventer							
No Component	95%						
Generic	5%	2031	* *	1			
	Other Observation, Extent: Light, Are	ea Affected	: 100%				
	Location: Basement						
	Explanation: Serves Boiler						
Fixtures							
Generic	100%						

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 84

Address : 513 WEST 161st STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.084 / 13070 Yr Built/Renovated : 1906 /

Area Sq Ft : 11,792 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Jun-2015 Landmark Status : EXTERIOR LANDMARK

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

Block : 2120 Lot : 46 BIN : 1062872

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$43,600	
Electrical		\$63,000
Total	\$43,600	\$63,000
Importance Code A	\$43,600	
Importance Code B		\$63,000
Total	\$43,600	\$63,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$26,800			
Interior Architecture	\$47,100		\$500	\$1,500
Electrical	\$33,200			
Mechanical	\$14,000	\$9,800	\$7,100	\$5,700
Total	\$121,100	\$9,800	\$7,600	\$7,200
Importance Code A	\$27,900	\$1,200	\$1,200	\$1,200
Importance Code B	\$85,500	\$8,700	\$6,500	\$5,500
Importance Code C	\$7,600			\$500
Total	\$121,100	\$9,800	\$7,600	\$7,200



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

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

Asset #: 13070

Architecture		Current F	Repair	Future Replacement		t Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls						_	*1= * 00	
Masonry: Brick	65%	N.T.	Φ12 coo	LIFE	* *	5	\$17,500	
Masonry: Limestone	25%	Now	\$43,600 ents, Extent : Mod	LIFE		5	\$2,500	
		-	enis, Exiem . Moa To Overhead Doo		еи Ајјестеи . 576			
			l, Extent : Moderai		Affected : 40%			
		: Street Fo		,	<i>197001011 1070</i>			
	Vertical C	racks, Exte	nt : Light, Area Af	fected : 2	2%			
			icade At 1st Floor					
Wood Overhead Doors	10%	Now	\$4,600	2031	* *	5	\$3,400	
	Broken/Mi	ssing Elem	ents, Extent : Ligh	t, Area A	ffected : 15%		,	
	Location	: Main Ac	cess Door Hardwa	re				
			Extent : Light, Are	a Affecte	d : 15%			
	Location	: Base Of	Doors					
Windows Aluminum	100%			2042	* *	5	\$300	
Parapets	100%			2042		3	\$300	
Masonry: Brick	60%			LIFE	* *	5-10	\$7,100	
Metal Cornice	25%			2061	* *	10	\$1,400	
Stucco Cement	15%	Now	\$7,200	2046	* *	5	\$300	
	Cracking/0	Crumbling,	Extent : Moderate	, Area A	ffected : 100%			
	Location	: Located	Behind Front Face	ıde				
Roof								
Modified Bitumen	90%			2031	* *	10	\$12,800	
	Blisters, Extent : Light, Area Affected : 10% Location : Throughout							
		_	оит : Light, Area Affec	stad - 100	n <i>o/</i>			
		iea, Exiem : Through		1ea . 100	7/0			
Skylight, Metal/Glass	10%	. 1111011811		2046	* *	10	\$4,700	
Interior	1070			2040		10	φ4,700	
Floors								
Cast in Place Concrete	50%	Now	\$5,500	LIFE	* *	5	\$21,500	
	Worn/Eroc	led, Extent	: Moderate, Area	Affected	: 40%			
	Location	: Epoxy P	aint Finish @ Appe	aratus Fl	oor			
Ceramic Tile	5%	Now	\$400	2035	* *	5	\$500	
		_	ents, Extent : Ligh	t, Area A	ffected : 1%			
	Location	: First Flo	or Bathroom					
Vinyl Tile	40%	Now	\$1,400	2031	* *	3	\$2,900	
		_	ents, Extent : Ligh	t, Area A	ffected : 5%			
	Location	: 3rd Floo	r					
Wood	5%			2041	* *	5	\$1,800	

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

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

Asset #: 13070

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	\$900	
Masonry: Brick	20%			LIFE	* *	10	\$1,100	
Plaster	40%	Now	\$3,200	LIFE	* *	5	\$2,300	
	Cracking/	Crumbling,	Extent: Moderate	, Area A	ffected : 15%			
	Location	: Hose Dr	ying Rack/Bulkhea	ıd At Roo	of Level			
SGFT/Glazed Masonry	35%			LIFE	* *	10	\$3,300	
Ceilings								
AcousTileSusp.Lay-In	5%			2039	* *	5	\$1,000	
Embossed Metal	30%			LIFE	* *	5	\$5,300	
Exposed Concrete	20%	Now	\$27,000	LIFE	* *	5	\$600	
•	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 30%			
	Location	: Basemen	nt					
Plaster	45%	Now	\$2,500	LIFE	* *	5	\$5,500	
	Paint Peeling, Extent: Light, Area Affected: 10%							
	Location	: Through	out Third Floor					
	Water Pen	etration, E	xtent : Light, Area	Affected	: 5%			
			or Gymnasium					

С	urrent Repair		Futur	e Replacement	M	aintenance	
		ed Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%			2026	\$5,200	5	\$100	
Other Observ	vation, Extent : Lig	ght, Area	Affected	: 100%			
Location: B	Basement						
Explanation	ı: 200 Amps.						
100%			2036	* *	1		
20%			2042	* *	5	\$100	
80%	0-2 \$3	33,000	2051	* *	5	\$100	
On Extended	Life, Extent : Ligh	ıt, Area A	ffected :	100%			
Location: T	Throughout Buildi	ng					
100%			2036	* *	1		
100%			2024	\$15,400	5	\$100	
100%			LIFE	* *	5	\$300	
	% of Fa Total (100% Other Observ Location : I Explanation 100% 20% 80% On Extended Location : I 100%	Total (Years) 100% Other Observation, Extent: Lig Location: Basement Explanation: 200 Amps. 100% 20% 80% 0-2 \$3 On Extended Life, Extent: Ligh Location: Throughout Buildin 100% 100%	% of Fail Date Estimated Cost Total (Years) 100% Other Observation, Extent: Light, Area Location: Basement Explanation: 200 Amps. 100% 20% 80% 0-2 \$33,000 On Extended Life, Extent: Light, Area A Location: Throughout Building 100% 100%	% of Fail Date Estimated Cost Total (Years) 100% 2026 Other Observation, Extent: Light, Area Affected Location: Basement Explanation: 200 Amps. 100% 2036 20% 2042 80% 0-2 \$33,000 2051 On Extended Life, Extent: Light, Area Affected: Location: Throughout Building 100% 2036	% of Total Fail Date (Years) Estimated Cost FY Year FY Estimated Cost FY 100% 2026 \$5,200 Other Observation, Extent: Light, Area Affected: 100% Location: Basement Explanation: 200 Amps. 2036 ** 20% 2042 ** 80% 0-2 \$33,000 2051 ** 20 Extended Life, Extent: Light, Area Affected: 100% Location: Throughout Building 100% 2036 ** 100% 2036 **	% of Total Fail Date (Years) Estimated Cost (Yrs) Year FY Estimated Cost (Yrs) Cycle (Yrs) 100% 2026 \$5,200 5 Other Observation, Extent: Light, Area Affected: 100% 100% 200% Location: Basement Explanation: 200 Amps. 2036 ** 1 20% 2042 ** 5 80% 0-2 \$33,000 2051 ** 5 On Extended Life, Extent: Light, Area Affected: 100% 100% 100% 2036 ** 1 100% 2036 ** 1	Year Estimated Cost Year Estimated Cost Cycle (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 #: 13070

Electrical	Current Repair	Current Repair Future Replacement		M		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting						
Interior Lighting						
Fluorescent	78%	2026	\$63,000	10	\$8,400	
	T-8 Lamps, Extent : Light, Area Aff	fected : 100%				
	Location: Throughout Building					
Incandescent	2%	2021	\$1,600	2		
LED	20%	2034	* *			
Exterior Lighting						
HID	100%	2031	* *	10		

Mechanical		Current Repair	Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Natural Gas	100%		2046	* *	1			
Conversion Equipment								
Steam Boiler	100%		2039	* *	1	\$11,700		
Distribution								
Steam Piping/Pump	100%		2036	* *	4	\$600		
Terminal Devices								
Convector/Radiator	100%		2031	* *	1	\$3,800		
Air Conditioning								
Energy Source								
Electricity	100%		2042	* *	1			
Conversion Equipment								
Ext Pkg Unit - Cooling	20%		2031	* *	2	\$100		
Window/Wall Unit	80%		2021	\$20,700	1			
Distribution								
Ductwork/Diffusers	20%		LIFE	* *	2	\$3,800		
No Component	80%							
entilation								
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,400		
Exhaust Fans								
Roof	20%		2026	\$2,000	2	\$100		
Wall Unit	80%		2026	\$15,300	2	\$300		
Plumbing								
H/C Water Piping								
Brass/Copper	100%		2046	* *	1			
Water Heater								
Gas Fired	100%		2021	\$2,900	2	\$200		
	Other Obs	servation, Extent : Light, Area	Affected	: 100%				
	Location	ı : Basement						
	Explana	tion: 2 - 75 Gallon Units						

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

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

Mechanical	Current Repai	r Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sanitary Piping						
Cast Iron	50%	LIFE	* *	1		
Cast Iron	50%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	50%	2017	\$3,600	4	\$1,200	
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location: Basement					
	Explanation : Serves 1 Si	de Of Basement Only				
No Component	50%					
Backflow Preventer						
Generic	100%	2031	* *	1	\$700	
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location: 1st Floor					
	Explanation : Piped From	n Basement Up To 1st	Floor			
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Generic	100%	2024	\$27,900	1-3	\$50,600	

Page: 349

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 88

Address : 2223 BELMONT AVENUE

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.088 / 13071 Yr Built/Renovated : 1908 /

Area Sq Ft : 12,600 Project Type : FIRE DEPARTMENT

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

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

Block : 3086 Lot : 38 BIN : 2086781

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$55,900
Interior Architecture	\$148,200	
Electrical		\$168,200
Total	\$148,200	\$224,100
Importance Code A		\$55,900
Importance Code B	\$148,200	\$168,200
Total	\$148,200	\$224,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$70,200		\$4,400	
Interior Architecture	\$55,600		\$5,300	\$3,400
Electrical	\$25,600			\$100
Mechanical	\$10,400	\$9,800	\$6,400	\$12,200
Total	\$161,800	\$9,800	\$16,100	\$15,700
Importance Code A	\$71,400	\$1,200	\$5,600	\$1,200
Importance Code B	\$73,000	\$8,600	\$10,500	\$12,900
Importance Code C	\$17,400			\$1,600
Total	\$161,800	\$9,800	\$16,100	\$15,700



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

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

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	\$61,000	
Masonry: Granite	3%			LIFE	* *	5	\$1,700	
Masonry: Limestone	10%			LIFE	* *	5	\$5,700	
	_	_	, Extent : Light, Are acade, 3rd Floor.	ea Affect	ed : 5%			
Metal Sect. OHD	7%			2039	* *	5	\$8,300	
Windows								
Aluminum	100%			2042	* *	5	\$3,500	
Parapets								
Masonry: Brick	80%	Now	\$27,000	LIFE	* *	5	\$2,400	
	-	Extent : Mo e: Main Ro	derate, Area Affect of	ed : 40%	Ó			
	Vertical C	racks, Exte	ent : Light, Area Afj	^f ected : 2	2%			
	Location	: Main Ro	of					
Masonry: Limestone	20% Staining/L	Discoloring	, Extent : Light, Are	LIFE ea Affect	* * ed : 20%	5-10	\$7,300	
	Location	: Through	out.					
			: Moderate, Area	Affected .	: 100%			
	Location	: Main Ro	of					
Roof	1.00/			2020	<i>ት</i> ታ	10	Φ200	
Asphalt Shingle	10%	N.T.	# <00	2029	**	10	\$200	
Built-Up (BUR)		Now Roof, Exte : Main Ro	\$600 nt : Light, Area Aff oof.	2026 ected : 2	\$12,600 %			
			ings, Extent : Ligh	t. Area A	ffected : 5%			
		_	of Bulkhead Door	-	,,,			
Modified Bitumen	70%			2026	\$55,900	10	\$9,800	
Wodified Bitumen		ng. Extent :	Moderate, Area A			10	Ψ2,000	
	_	: Through	-	9				
terior								
Floors								
Cast in Place Concrete	40%	Now	\$23,000	LIFE	* *	5	\$16,500	
			xtent : Moderate, A		cted : 20%		. , .	
		: Apparat						
Ceramic Tile	15%			2035	* *	5	\$2.800	
Ceramic Tile Vinyl Tile	15% 15%			2035 2026	* * \$23,500	5 3	\$2,800 \$1,400	

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

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

Asset #: 13071

Architecture		Current R	epair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	10%			2035	* *	5	\$3,200	
Gypsum Board	15%			LIFE	* *	5-10	\$8,100	
Masonry: Brick	20%			LIFE	* *	10	\$1,900	
Marble Panels	20%			LIFE	* *	10	\$2,500	
Plaster	25%	Now	\$6,200	LIFE	* *	5	\$2,400	
	_	Crumbling, : Hose Tow	Extent : Severe, Ai ver	rea Affec	ted : 100%			
SGFT/Glazed Masonry	10%			LIFE	* *	10	\$1,600	
Ceilings								
AcousTileSusp.Lay-In	20%			2031	* *	5	\$3,800	
Embossed Metal	30%	Now	\$9,700	LIFE	* *	5	\$2,500	
	Bent/Warped Elements, Extent: Moderate, Area Affected: 10% Location: Apparatus Broken/Missing Elements, Extent: Light, Area Affected: 15%							
			s Floor And Hose		ffected : 15%			
Exposed Concrete	25%	Now	\$148,200	LIFE	* *	5	\$700	
	Location Through	: Concrete out.		g Beams I	In Basement Ceilir	ıg, Shorii	ng Erected	
	Paint Peeling, Extent : Severe, Area Affected : 60% Location : Basement.							
	Spalling, Extent: Severe, Area Affected: 15%							
	Location : Basement Ceiling Under Jack Hoists Other Observation, Extent : Severe, Area Affected : 100%							
		ervanon, Ex 1 : Basement		и Ајјесте	u . 10070			
	Explana	tion : Structi	urally Insufficient					
Plaster	25%			LIFE	* *	5-10	\$8,100	

Electrical	Current Repair	Future	Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2026	\$4,700	5	\$100	
	Other Observation, Extent : Light	t, Area Affected :	100%			
	Location: Basement					
	Explanation: 100 Amp Service	Switch				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2026	\$47,700	5	\$300	
Raceway						
Conduit	100%	2026	\$30,600	1		
Panelboards						
Molded Case Bkrs	50%	2042	* *	5	\$200	
Molded Case Bkrs	50%	2025	\$18,800	5	\$200	

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

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

Asset #: 13071

Electrical	Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Wiring							
Thermoplastic	100%		2026	\$27,100	1		
Ground							
Grounding Devices							
Generic	100% Now	\$1,900	LIFE	* *	5	\$200	
	Other Observation, Exter	ıt : Light, Area	Affected	: 100%			
	Location: Basement						
	Explanation: Ground \	Wire Not Conne	ected To	Water Pipe.			
Lighting							
Interior Lighting							
Fluorescent	70%		2026	\$55,200	10	\$8,100	
	T-8 Lamps, Extent: Ligh	t, Area Affected	d: 100%				
	Location: Throughout	Building					
Fluorescent	30% 0-2	\$23,700	2036	* *			
	Inadequate Ltg Level, Ex		ea Affect	ed : 100%			
	Location : Basement	g .	55				
Exterior Lighting							
HID	100%		2026	\$46,500	10		

Mechanical	Current Re	pair Futur	e Replacement	М		
System Component Type	% of Fail Date I Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2046	* *	1		
Conversion Equipment						
Furnace	5%	2031	* *	1	\$300	
		ent : Light, Area Affected	: 100%			
	Location : Engine Ba	ys				
	Explanation: 2 - Gas	Fired Unit Heaters				
Steam Boiler	95%	2039	* *	1	\$11,900	
Distribution						
Steam Piping/Pump	100%	2036	* *	4	\$600	
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$4,100	
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Split Unit	20%	2031	* *			
Window/Wall Unit	65%	2021	\$16,400	1		
No Component	15%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$11,100	

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.

Mechanical	Current Repa	ir Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Exhaust Fans						
Interior	100%	2031	* *	2	\$400	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
Water Heater						
Gas Fired	100%	2024	\$2,900	2	\$200	
	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location: Basement					
	Explanation: 1 - 75 Gai	llon Unit				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2020	\$6,500	4	\$2,500	
Fixtures						
Generic	100%					
Fire Suppression						
Chemical System						
Generic	100%	2024	\$25,500	1-3	\$50,600	

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 90/LADDER CO. 41
Address : 1843 WHITE PLAINS ROAD

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 12,520 Project Type : FIRE DEPARTMENT

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

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

Block : 4049 Lot : 49 BIN : 2043470

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$70,000	
Electrical	\$47,700	
Total	\$117,700	
Importance Code B	\$117,700	
Total	\$117,700	

Total	\$190,500	\$11,300	\$18,700	\$13,400
Importance Code C	\$47,400		\$600	
Importance Code B	\$76,900	\$8,700	\$6,300	\$12,200
Importance Code A	\$66,200	\$2,600	\$11,800	\$1,200
Total	\$190,500	\$11,300	\$18,700	\$13,400
Mechanical	\$10,500	\$9,900	\$6,600	\$12,300
Electrical	\$35,100			
Interior Architecture	\$84,700		\$1,600	\$1,100
Exterior Architecture	\$60,200	\$1,400	\$10,600	
EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020



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

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

Asset #: 13073

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	\$47,300	
		pair Eviden 1 : Front Fa	t, Extent : Light, A cade	rea Affe	cted : 30%			
Masonry: Granite	7%			LIFE	* *	5	\$3,800	
Masonry: Limestone	7%	Now	\$5,400	LIFE	* *	5	\$1,900	
		issing Elem ı : Front Fa	ents, Extent : Mod cade	erate, Ar	rea Affected : 20%			
Masonry: Limestone	8%			LIFE	* *	5	\$4,400	
Stucco Cement	3%			2043	* *	5	\$2,700	
		pair Eviden 1 : Front Fa	t, Extent : Light, A cade	rea Affe	cted : 100%		. ,	
Wood Overhead Doors	10%			2039	* *	5	\$18,200	
Windows								
Aluminum	100%			2034	* *	5	\$3,000	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	\$6,100	
Masonry: Brick	85%			LIFE	* *	5-10	\$12,500	
Metal Panel	5%			2052	* *	5	\$400	
Roof								
Asphalt Shingle	10%	0-2	\$1,500	2029	* *			
		_	ings, Extent : Mod					
	Location	ı : Low Roo	f Over Dining Area	a (At Sky	light) And Kitchen			
Built-Up (BUR)	15%	Now	\$10,100	2036	* *			
	Patching Evident, Extent: Moderate, Area Affected: 20% Location: Low Roof Over Dining Area							
	Water Per	netration, E	xtent : Moderate, A	Area Affe	cted : 15%			
			f Over Dining Area					
			: Moderate, Area A f Over Dining Area		: 100%			
Modified Bitumen	70%			2034	* *	10	\$10,600	
and and an	Recent Re	place Evide ı : Main Roo	ent, Extent : Light, . of		ected : 100%	10	ψ10 , 000	
Skylight, Metal/Glass	5%			2036	* *	10	\$2,500	
Interior	270			_555		- 0	Ψ2,200	

Interior

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

Asset #: 13073

rchitecture		Current F	Repair	Future Replacement Maintenance					
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
erior									
Floors									
Cast in Place Concrete	40%			LIFE	* *	5	\$32,800		
Ceramic Tile	10%			2039	* *	5	\$1,900		
Terrazzo	5%			LIFE	* *	5	\$1,500		
	Location	ı : 1st Floor	xtent : Light, Area - zzo On Stair Tread		! : 100%				
Vinyl Tile		Now	\$70,000	2036	* *	3	\$3,200		
vinyi The	Broken/M		ents, Extent : Mod		rea Affected : 25%	3	ψ3,200		
			tent : Severe, Area	Affected	l : 15%				
			or Bunk Room						
			: Severe, Area Aff	ected : 50	0%				
-	Location	ı : Through	out.						
Interior Walls	5 0/			2020	* *	~	¢1 200		
Ceramic Tile	5%		ent, Extent : Light,	2039		5	\$1,300		
	Location	ı : Through	out Bathrooms						
Gypsum Board	15%			LIFE	* *	5-10	\$6,600		
Plaster	Location	Crumbling, 1 : 2nd & 31	\$9,100 Extent : Severe, A and Floor By Storm : axtent : Severe, Area	Leader L	ocated At Front O	5 f Buildin	\$3,500		
	Location	ı : Both Exe	ercise Rooms						
SGFT/Glazed Masonry			\$34,100 ents, Extent : Mod us Floor.	LIFE erate, Ar	* * rea Affected : 10%				
		ded, Extent ı : Apparatı	: Light, Area Affed us Floor.	cted : 5%	í				
Ceilings									
AcousTileSusp.Lay-In	10%			2031	* *	5	\$1,900		
Embossed Metal	30%			LIFE	* *	5	\$5,100		
Exposed Concrete	30%			LIFE	* *	5-10	\$7,000		
Gypsum Board	10%		\$1,900	LIFE	**	5	\$2,300		
	Cracking/Crumbling, Extent: Moderate, Area Affected: 10%								
	Location : 1st Floor Dining Room Water Penetration, Extent : Moderate, Area Affected : 10%								
			xtent : Moaerate, A r Dining Room	Area Affe	ctea : 10%				
Plaster	20%	Now	\$9,600	LIFE	* *	5	\$2,300		
	Cracking/Crumbling, Extent: Severe, Area Affected: 2% Location: All Three Floors By Storm Leader At Front Of Building.								
	Paint Peeling, Extent : Moderate, Area Affected : 30%								
	Location : Dormitory, Locker Room.								
	Water Per	netration, E	xtent : Severe, Are	a Affecte	d : 5%				
	Location	ı : 2nd & 31	d Floor By Storm .	Drain Le	ader Located At F	ront Of E	Building		

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

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

Asset #: 13073

Electrical		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
Inder 600 Volts								
Service Equipment						_		
Molded Case Bkrs	100%	0-2	\$4,700	2056	* *	5	\$200	
		-	tent : Light, Area A	Affected :	100%			
		ı : Basemer		A CC	1000/			
			Extent : Light, Area	Affected	: 100%			
		: Basemer						
Switch agen / Switchbaged	Ехріапа	ποn : 400 F	Amp Service					
Switchgear / Switchboard Molded Case Bkrs	100%	0-2	\$47,700	2056	* *	5	\$200	
Worded Case Bris					100%	3	\$200	
		On Extended Life, Extent : Light, Area Affected : 100% Location : Basement						
Raceway	Boeanor	. Busemen						
Conduit	80%			2026	\$24,500	1		
Conduit	20%			2046	**	1		
Panelboards								
Molded Case Bkrs	20%			2042	* *	5	\$100	
Molded Case Bkrs	80%	0-2	\$30,100	2051	* *	5	\$100	
	On Extend	led Life, Ex	tent : Light, Area A	Affected :	100%			
	Location	ı : Through	out Building					
Wiring								
Thermoplastic	100%			2026	\$27,100	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$400	
ighting								
Interior Lighting	0.70/			2021	* *	10	Ф11 100	
Fluorescent	97%	F	. 1 . A . A.C.	2031	* *	10	\$11,100	
	_		Light, Area Affected out Building	l : 100%				
Incandescent	3%			2021	\$2,400	2		
Exterior Lighting								
HID	50%			2026	\$23,100	10		
No Component	50%							

Mechanical	С	Current Repair		Future Replacement		Maintenance	
System Component Type	, , , , , , , ,	il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Natural Gas	100%		2046	* *	1		
Conversion Equipment							
Steam Boiler	100%		2039	* *	1	\$12,400	
Distribution							
Steam Piping/Pump	100%		2036	* *	4	\$600	
Terminal Devices							
Convector/Radiator	100%		2031	* *	1	\$4,000	

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

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

Mechanical	Current R	Current Repair		e Replacement	Maintenance				
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Air Conditioning									
Energy Source									
Electricity	100%		2042	* *	1				
Conversion Equipment									
Ext Pkg Unit -	5%		2031	* *	2				
Heating/Cooling									
	R-134a Refrigerant, E	_	Affected	d : 100%					
	Location : Serves K	itchen Only							
Window/Wall Unit	75%		2021	\$18,900	1				
No Component	20%								
Distribution									
Ductwork/Diffusers	5%		LIFE	* *	2	\$1,000			
No Component	95%								
Ventilation									
Distribution									
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,100			
Exhaust Fans									
Interior	100%		2026	\$13,500	2	\$400			
Plumbing									
H/C Water Piping									
Brass/Copper	100%		2046	* *	1				
Water Heater									
Gas Fired	100%		2024	\$2,800	2	\$200			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basemen								
	Explanation : 2 - 75	Gallon Units							
Sanitary Piping	1000/			ماد ماد					
Cast Iron	100%		LIFE	* *	1				
Storm Drain Piping	1000/		LIDE	ماد ماد					
Cast Iron	100%		LIFE	* *	1				
Sump Pump(s)	1000/		2020	Φ		Φ2.500			
Submersible	100%		2020	\$6,500	4	\$2,500			
	Other Observation, Extent: Light, Area Affected: 100%								
	Location: Basement Explanation: 2 - Heavy Duty Duplex Units Used With Under Floor Drainage System								
E'	Explanation : 2 - He	eavy Duty Duplex (Inits Us	ea with Under Flo	or Drain	age System			
Fixtures	1000/								
Generic	100%								
Fire Suppression									
Chemical System	1000/		2024	¢25 500	1.2	\$50.000			
Generic	100%		2024	\$25,500	1-3	\$50,600			

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.

Page: 359

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 91

Address : 240-244 EAST 111th STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSECO.091 / 13074 Yr Built/Renovated : 1912 /

Area Sq Ft : 12,298 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Jun-2015 Landmark Status : NONE

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

Block : 1660 Lot : 30 BIN : 1052473

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$243,700	
Electrical		\$114,700
Mechanical	\$58,500	
Total	\$302,100	\$114,700
Importance Code A	\$58,500	
Importance Code B	\$205,900	\$114,700
Importance Code C	\$37,800	
Total	\$302,100	\$114,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$47,200		\$3,400	
Interior Architecture	\$72,300			\$1,000
Electrical	\$24,900			\$200
Mechanical	\$47,700	\$2,400	\$3,700	\$1,600
Total	\$192,100	\$2,400	\$7,100	\$2,800
Importance Code A	\$47,200	\$1,200	\$4,600	\$1,200
Importance Code B	\$122,300	\$1,200	\$2,500	\$1,600
Importance Code C	\$22,600			
Total	\$192,100	\$2,400	\$7,100	\$2,800



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

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

Asset #: 13074

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	
Exterior									
Exterior Walls									
Masonry: Brick	80%			LIFE	* *	5	\$21,700		
Masonry: Limestone	10%			LIFE	* *	5	\$2,000		
	_	_	, Extent : Light, Are acade Above 3rd Fl		ed : 15%				
Wood Overhead Doors	10%			2039	* *	5	\$6,800		
Windows									
Aluminum	100%		\$2,800	2042	* *	5	\$200		
			: Moderate, Area	Affected	: 15%				
	Location	n : 1st Floo	r Apparatus Room						
Parapets									
Cast Stone/Terra Cotta	10%		\$400	LIFE	* *	5	\$1,100		
	Misaligned/Bulging, Extent: Moderate, Area Affected: 5%								
	Location: Various Locations								
	_		ed, Extent : Modera	te, Area	Affected : 25%				
	Location	n : Various	Locations						
Masonry: Brick	90%	0-2	\$3,700	LIFE	* *	5	\$1,300		
	Cracking/	Crumbling,	Extent: Moderate	, Area A	ffected : 5%				
		n : Various							
	Effloresce	ence, Extent	: Light, Area Affec	ted: 259	%				
	Location	n : Various	Locations						
Roof									
Built-Up (BUR)	100%		\$28,500	2034	* *			1	
			ent : Moderate, Are	a Affecte	ed : 25%				
	Location	n : Various	Locations						
	Grvl/Blst	Miss/Disp,	Extent : Light, Ared	a Affecte	d : 15%				
	Location	n : Various	Locations						
	Ponding,	Extent : Mo	oderate, Area Affect	ted : 15%	6				
	Location	n : Near Ro	of Drains						
	Water Penetration, Extent : Severe, Area Affected : 80%								
	Location	n : Third Fl	oor At Bulkhead, S	econd Fl	oor Extension To 2	240, Kitc	hen		

Interior

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

FIRE DEPARTMENT - 057

ENGINE CO. 91

Asset #: 13074

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$48,800	LIFE	* *	5	\$17,500	
	Cracking/C	Crumbling,	Extent: Moderate	, Area Aj	ffected : 15%			
	Location	: Apparati	us Room Floor					
	Other Obse	ervation, E	Extent : Severe, Are	a Affecte	d: 70%			
	Location	: Apparati	us Room					
	Explanati	ion : Struc	turally Insufficient					
Ceramic Tile	10%	2-4	\$3.800	2035	* *	5	\$1.000	
	Worn/Erod	led, Extent	: Moderate, Area		: 72%		, ,	
	Location	: Toilets A	nd Showers Throug	ghout				
Quarry Tile	10%	0-2	\$5,600	2039	* *	5	\$1,500	
·	Broken/Mi	ssing Elem	ents, Extent : Mode	erate, Ar	rea Affected : 20%		\$1,000	
	Location	: Kitchen						
	Worn/Erod	led, Extent	: Light, Area Affec	ted : 759	%			
	Location							
Vinyl Tile	40%	Now	\$19,900	2031	* *	3	\$3.000	
,, re			ents, Extent : Mode		ea Affected : 25%		Ψ2,000	
		: 2nd And		,				
	Worn/Frod	led Frtent	: Moderate, Area	Affected	· 40%			
		: 2nd And		турсеней .	. 10,0			
	Location	. 2.100 IIII	21411001					

FIRE DEPARTMENT - 057

ENGINE CO. 91

Asset #: 13074

Architecture	Current Repair	Future Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Interior					
Interior Walls	100/ 0.2 \$1.100	2035 **	5	¢1 000	
Ceramic Tile	10% 0-2 \$1,100 Broken/Missing Elements, Extent: Mo Location: Throughout		-	\$1,000	
	Staining/Discoloring, Extent : Light, A Location : Throughout	rea Affected : 50%			
Gypsum Board	10% 0-2 \$400 Broken/Missing Elements, Extent : Mo Location : Gymnasium		5	\$1,200	
Masonry: Brick	25% Now \$37,800 Broken/Missing Elements, Extent : Mo Location : Basement	derate, Area Affected : 15%			
	Paint Peeling, Extent : Light, Area Afj Location : Basement	ected : 75%			
	Water Penetration, Extent : Severe, A. Location : Basement	ea Affected : 80%			
Plaster	30% Now \$2,300 Cracking/Crumbling, Extent: Severe, Location: Various Locations On 2n Paint Peeling, Extent: Light, Area Afj Location: Various Locations On 2n Water Penetration, Extent: Severe, A	Area Affected : 40% d And 3rd Floors ected : 40% d And 3rd Floors rea Affected : 40%	5	\$1,800	
SGFT/Glazed Masonry	Location: Rear Wall Of 240 (Now V 25% 0-2 \$18,800 Broken/Missing Elements, Extent: Mo Location: Apparatus Room	LIFE ** derate, Area Affected : 10%			
	Diagonal Cracks, Extent : Moderate, Location : Apparatus Room	Area Affected : 10%			

FIRE DEPARTMENT - 057 ENGINE CO. 91

Asset #: 13074

Architecture	Current Repair	Future Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Interior Ceilings					
AcousTileSusp.Lay-In	1% Now Broken/Missing Elements, Extent Location: Pantry	2039 **: Moderate, Area Affected : 85%	5	\$100	
Exposed Concrete	25% Now \$157 Cracking/Crumbling, Extent: Sev Location: Basement Exposed Reinforcement, Extent: Location: Basement Spalling, Extent: Severe, Area Af Location: Basement Other Observation, Extent: Seven Location: Basement Explanation: Structurally Insuf	vere, Area Affected : 25% Severe, Area Affected : 15% fected : 15% re, Area Affected : 100%	5	\$800	
Gypsum Board	10% Now \$4 Broken/Missing Elements, Extent Location: 2nd Floor Corridor Cracking/Crumbling, Extent: Mo Location: 2nd Floor Toilets		5	\$2,500	
Plaster	64% Now \$16 Broken/Missing Elements, Extent Location: 3rd Floor Staining/Discoloring, Extent: Mo Location: Kitchen Water Penetration, Extent: Seven Location: 3rd Floor	oderate, Area Affected : 5%	5	\$8,000	

Electrical	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
Under 600 Volts						
Service Equipment						
Not Accessible	100%					
Raceway						
Conduit	100%	2026	\$30,600	1		
Panelboards						
Molded Case Bkrs	100%	2025	\$37,700	5	\$300	
	Obsolete Equipment, Extent : S	Severe, Area Affected	: 100%			
	Location: Throughout Fireh	ouse				
Wiring						
Thermoplastic	100%	2026	\$27,100	1		
Motor Controllers						
Locally Mounted	100%	2024	\$14,100	5	\$100	
Ground						
Grounding Devices						
Not Accessible	100%					

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

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

FIRE DEPARTMENT - 057 ENGINE CO. 91

Asset #: 13074

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
Lighting							
Interior Lighting							
Fluorescent	100%		2026	\$77,000	10	\$11,300	
	T-8 Lamps, Extent:	Light, Area Affected	d: 100%				
	Location : Through	nout					
Exterior Lighting							
HID	30%		2021	\$13,600	10		
No Component	70%						
Alarm							
Fire/Smoke Detection							
No Component	80%						
Generic, Analog	20% 0-2	\$24,900	2036	* *			
	Local/Battery Opera	ted Detect, Extent :	Light, A	rea Affected : 100%	%		
	Location : Through	nout					

Mechanical		Current F	Repair	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
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%	2-4	\$58,500	2046	* *	1	\$11,000	
			oderate, Area Affe	cted : 50%	%			
	Location .	: Basemen	t					
			tent : Moderate, Ai	rea Affect	ted : 100%			
	Location .	: Basemen	t					
Distribution								
Steam Piping/Pump	100%	4+	\$8,400	2046	* *	4	\$600	
			Extent : Light, Area	a Affected	d : 40%			
	Location .	: Basemen	<u>t</u>					
Terminal Devices								
Convector/Radiator	90%	2-4	\$10,200	2039	* *	1	\$3,200	
	_		ight, Area Affected	: 30%				
	Location .	: Radiator	· Covers					
Unit Heater-Stm/HW	10%			2031	* *	4	\$100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	25%			2021	\$13,900			
Window/Wall Unit	25%	4+	\$1,200	2024	\$6,200	1		
			tent : Light, Area A		30%			
	Location .	: Various	Location Througho	ut				
No Component	50%							

 $[\]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.

FIRE DEPARTMENT - 057 ENGINE CO. 91

Asset #: 13074

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Distribution Ductwork/Diffusers No Component	25% 75%	LIFE	**	2	\$5,000	
Ventilation Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$10,900	
Exhaust Fans Interior	50% Abandoned in Place, Extent Location: Kitchen Hood I Other Observation, Extent: Location: Kitchen Hood	Fan		2	\$200	
Roof	Explanation: No System 50% 2-4 On Extended Life, Extent: I Location: Roof	\$4,800 2036 Light, Area Affected :	**	2	\$200	
Plumbing H/C Water Piping Galv Iron/Steel	100%	2031	**	1		
Water Heater Gas Fired	100% Other Observation, Extent: Location: Basement Explanation: 1 - 75 Gallo		\$2,800	2	\$200	
Sanitary Piping Cast Iron	100% 0-2 Corroded, Extent : Moderat Location : Basement	\$13,000 LIFE	**	1		
Storm Drain Piping Cast Iron	100% 2-4 Corroded, Extent : Moderat Location : Basement	\$5,000 LIFE te, Area Affected : 309	**	1		
Sump Pump(s) Rigid Piping	100% Other Observation, Extent: Location: Throughout Explanation: 1 Unit On E	0 00	\$10,800	4	\$2,500	
Backflow Preventer No Component Generic	95% 5% Other Observation, Extent : Location : Basement Explanation : Serves Boile	2034 Light, Area Affected	**	1		
Fixtures Generic	100%					

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

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

Page: 366

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 92/LADDER CO. 44

Address : 1259 MORRIS AVENUE BTWN: E.168 ST. - E.169 ST.

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSECO.092 / 13075 Yr Built/Renovated : 1912 /

Area Sq Ft : 10,623 Project Type : FIRE DEPARTMENT

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

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

Block : 2450 Lot : 40 BIN : 2096490

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$41,200
Electrical		\$145,200
Total		\$186,400
Importance Code A		\$41,200
Importance Code B		\$145,200
Total		\$186,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$8,500			
Interior Architecture	\$58,700			\$1,000
Electrical	\$2,500	\$1,500	\$700	\$700
Mechanical	\$10,300	\$1,400	\$6,500	\$1,400
Total	\$80,000	\$2,900	\$7,200	\$3,100
Importance Code A	\$9,000	\$500	\$500	\$500
Importance Code B	\$37,100	\$2,300	\$6,700	\$2,600
Importance Code C	\$33,800			
Total	\$80,000	\$2,900	\$7,200	\$3,100



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

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

Asset #: 13075

Architecture		Current I	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
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$28,800	
Masonry: Granite	5%			LIFE	* *	5	\$1,400	
Masonry: Limestone	10%			LIFE	* *	5	\$2,900	
Wood Overhead Doors	10%			2036	* *	5	\$19,200	
Windows								
Aluminum	100%			2031	* *	5	\$2,800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$2,100	
Masonry: Brick	90%			LIFE	* *	5	\$2,500	
Roof								
Roll Roofing	100%			2022	\$41,200	5	\$17,000	
nterior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$13,900	
Ceramic Tile	5%			2032	* *	5	\$800	
Quarry Tile	5%			2036	* *	5	\$1,200	
Vinyl Tile	50%		\$13,200	2028	* *	3	\$3,000	
			: Moderate, Area	Affected	: 10%			
	Location	ı : Second A	And Third Floors					
Interior Walls								
Ceramic Tile	5%			2032	* *	5	\$1,100	
Gypsum Board	50%			LIFE	* *	5	\$6,600	
Masonry: Brick	20%	0-2	\$33,300	LIFE	* *			
	Jnt Morta	r Miss/Ero	d, Extent : Moderat	te, Area A	Affected : 20%			
	Location	ı : Basemer	ıt Sidewalk Vaults					
Plaster	5%			LIFE	* *	5	\$300	
SGFT/Glazed Masonry	20%			LIFE	* *		·	
Ceilings								
AcousTileSusp.Lay-In	30%	Now	\$11,300	2036	* *	5	\$2,400	
1 7	Broken/M	issing Elen	nents, Extent : Seve	re, Area	Affected : 5%		. ,	
		ı : 2nd And						
Exposed Struc: Steel	25%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5	\$4,000	
Plaster	25%			LIFE	* *	5	\$2,500	
1 105001	4370			LIII	·	3	Ψ2,500	

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
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5		
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5		
Raceway								
Conduit	100%			2033	* *	1		

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

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

Asset #: 13075

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost Pr (Yrs)	riority
Under 600 Volts				
Panelboards				
Molded Case Bkrs	60%	2031 **	5 \$200	
Molded Case Bkrs	40%	2022 \$15,100	5 \$100	
Wiring		, , , , ,		
Thermoplastic	100%	2033 **	1	
Motor Controllers				
Locally Mounted	100%	2028 **	5 \$100	
Ground				
Grounding Devices				
Generic	100%	LIFE **	5 \$200	
Stand-by Power				
Transfer Switches				
Automatic	100%	2028 **	1 \$3,300	
Generators				
Diesel	100%	2026 \$64,300	1 \$4,100	
Batteries				
Lead/Acid	100%	2017 \$1,500	5 \$400	
Fuel Storage	100-1		- h- 000	
Day Tank	100%	2031 **	5 \$2,000	
Lighting				
Interior Lighting	000/	2022 065 200	10 00 000	
Fluorescent	99% Other Observation, Extent: Light, 1	2023 \$65,800	10 \$9,600	
	Location: Throughout	Area Ajjeciea : 100%		
	Explanation: Mostly T-8			
In son decemb	1%	2018 \$700	2	
Incandescent	1 70	2018 \$700	2	
Egress Lighting Emergency, Battery	30%	2023 \$4,200	10 \$800	
Exit, Service	20%	2023 \$4,200	10 \$800	
No Component	50%	2023 \$200	1	
Exterior Lighting	5070			
HID	30%	2023 \$11,800	10	
No Component	70%	2023 ψ11,600	10	
	1070			

Mechanical	Current Rep	air Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle Estimated C (Yrs)	ost Priority
Heating Energy Source Natural Gas	100%	2043	* *	1	

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

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

Asset #: 13075

Mechanical	Current Repair		Futur	e Replacement	M			
System Component Type		l Date ['ears)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Furnace	Location: Re	oof	tent : Light, Area Fired Heating / C			1	\$2,600	
Hot Water Boiler	50% Other Observe Location : B	ution, Ex asement	tent : Light, Area	2040 Affected	* *	1	\$2,600	
Distribution	Емрининон	. 7 Bone	rs i ipea rogeme					
Ductwork/Diffusers Hot Wtr Piping/Pump	50% 50%			LIFE 2039	* *	2-5 4	\$3,000 \$300	
Terminal Devices Convector/Radiator	100%			2036	* *	1	\$3,400	
Air Conditioning Energy Source Electricity	100%			2045	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	100% N	low	\$1,400	2028	* *	2	\$500	
	Malfunctionin Location : Re	_	t : Light, Area Aff	fected : 10	0%			
Distribution Ductwork/Diffusers	100%			LIFE	* *	2	\$13,800	
Ventilation Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,900	
Exhaust Fans Interior	100%			2028	* *	2	\$300	
Plumbing H/C Water Piping Brass/Copper	50% Booster Pump Location : B		Extent : Light, A	2049 rea Affec	* * ted : 100%	1		
Galv Iron/Steel	50%			2040	* *	1		
Water Heater Electric	Location: B	asement	tent : Light, Area Gallon Units	2021 Affected	\$1,600 : 100%	4	\$100	
Sanitary Piping	Бършинон	. 2 /3	Canon Onns					
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Submersible	100%			2017	\$6,500	4	\$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.

Asset #: 13075

Mechanical	Curre	ent Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Backflow Preventer							
Generic	100%		2031	* *	1	\$700	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
Generic	100%		2049	* *	1-2	\$3,000	
Fire Pump							
Generic	100%		2036	* *	1	\$2,000	

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

Page: 371

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 93/LADDER CO. 45

Address : 515 WEST 181st STREET

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : FIRSECO.093 / 13076 Yr Built/Renovated : 1913 / 2003

Area Sq Ft : 21,883 Project Type : FIRE DEPARTMENT

Date of Survey : 17-Jun-2015 Landmark Status : NONE

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

Block : 2155 Lot : 30 BIN : 1075518

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$36,400	
Interior Architecture	\$35,800	\$35,800
Electrical		\$72,600
Total	\$72,300	\$108,500
Importance Code A	\$36,400	
Importance Code B	\$35,800	\$108,500
Total	\$72,300	\$108,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$62,300		\$22,700	
Interior Architecture	\$153,000		\$3,000	
Electrical	\$3,400	\$800	\$1,200	\$2,300
Mechanical	\$25,900	\$12,000	\$19,200	\$7,000
Total	\$244,600	\$12,800	\$46,100	\$9,300
Importance Code A	\$63,700	\$1,600	\$24,300	\$1,600
Importance Code B	\$126,800	\$11,200	\$21,600	\$7,700
Importance Code C	\$54,100		\$200	
Total	\$244,600	\$12,800	\$46,100	\$9,300



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

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

Asset #: 13076

Architecture	Current Repair		Future Replacement		Maintenance			
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior	, · ·	'			•			
Exterior Walls								
Masonry: Brick	70%		LIFE	* *	5	\$59,800		
Masonry: Granite	5%		LIFE	* *	5	\$3,200		
Masonry: Limestone	10%		LIFE	* *	5	\$6,400		
	Staining/Discoloring, Location: Througho		Area Afj	fected : 40%				
Wood Overhead Doors	15%	4	2039	* *	5	\$32,000		
Windows								
Aluminum	100%	4	2042	* *	5	\$3,100		
Parapets								
Cast Stone/Terra Cotta	10%		LIFE	* *	5-10	\$11,500		
Masonry: Brick	75%		LIFE	* *	5-10	\$20,700		
	Efflorescence, Extent : Location : South Fac		ected :	5%				
Metal Rail	15%	<u> </u>	2039	* *	5-10	\$11,000		
Roof								
Roll Roofing	100% 2-4 Blisters, Extent: Light Location: Througho Debris Present, Extent	, Area Affected : 159 ut Upper Roof : Light, Area Affect		* *	5	\$12,600		
	Location: Lower Roo Ponding, Extent: Ligh Location: Lower Roo Other Observation, Ex Location: Seams Th	rt, Area Affected : 15 of tent : Moderate, Are		eted : 100%				
	Explanation : Alligat	-						
terior Floors								
Cast in Place Concrete	50%	Ī	LIFE	* *	5	\$71,600		
Ceramic Tile	2% Now		2035	* *	5	\$300		
	Broken/Missing Eleme			a Affected : 5%				
	Location : Launary 1	Room & Bathroom.						
	Other Observation, Ex Location: Througho Explanation: Grout	tent : Light, Area A <u>f</u> ut	fected .	: 20%				
Granite Panels	Other Observation, Ex Location : Througho Explanation : Grout	tent : Light, Area A <u>f</u> ut Staining		* *	5	\$1,000		
Granite Panels	Other Observation, Ex Location: Througho Explanation: Grout 2% Other Observation, Ex Location: Interior S	tent : Light, Area Af ut Staining I tent : Light, Area Af taircase.	LIFE	* *	5	\$1,000		
	Other Observation, Ex Location: Througho Explanation: Grout 2% Other Observation, Ex Location: Interior S Explanation: Refers	tent : Light, Area A <u>f</u> ut Staining I tent : Light, Area A <u>f</u> taircase. To Stair Treads.	LIFE fected .	* * · 100%				
Terrazzo	Other Observation, Ex Location: Througho Explanation: Grout 2% Other Observation, Ex Location: Interior S Explanation: Refers 4%	tent : Light, Area A <u>f</u> ut Staining I tent : Light, Area A <u>f</u> taircase. To Stair Treads.	LIFE fected .	**	5	\$2,000		
	Other Observation, Ex Location: Througho Explanation: Grout 2% Other Observation, Ex Location: Interior S Explanation: Refers	tent : Light, Area Af ut Staining Itent : Light, Area Af taircase. To Stair Treads. I \$34,800	LIFE fected. LIFE 2054 rea Affe	* * * 100% * * * * * * * * * *				

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

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

Asset #: 13076

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	1%			2039	* *	5	\$400	
Concrete Masonry Unit	40%			LIFE	* *	5	\$14,100	
Glass: Single Pane	2%			LIFE	* *	5	\$1,300	
Gypsum Board	22%			LIFE	* *	5-10	\$16,400	
	_	_	, Extent : Light, Are er Leading To Roof		ed : 1%			
Masonry: Brick	18%	Now	\$15,100	LIFE	* *			
	Effloresce Location Jnt Morta	ence, Extent n : South Bo er Miss/Eroo	asement Wall t : Moderate, Area : asement Wall. d, Extent : Light, Al or Bunk Room.	55				
Metal Panel	1%			LIFE	* *	10	\$200	
Plaster	5%			LIFE	* *	5-10	\$1,900	
Wood	11%			LIFE	* *	5	\$38,700	
Ceilings								
Exposed Concrete	40%			LIFE	* *	5-10	\$16,400	
Exposed Struc: Steel	25%		\$33,700	LIFE	* *			
			Extent : Light, Area		: 2%			
			de Below Apparatu					
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	ected : 2%			
	Location	ı : South Si	de Below Apparatu	s Floor				
	Explana	tion : Rusti	ing Steel					
Metal Panel	15%			LIFE	* *	5	\$12,300	
Plaster	20%			LIFE	* *	5-10	\$11,300	

Electrical	Current Repair	Future Replac	ement	M	aintenance	
ystem Component Type	% of Fail Date Estimated (Years)	Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2046	* *	5	\$100	
	Other Observation, Extent : Light,	Area Affected: 100%				
	Location: Basement					
	Explanation: 400 Amps.					
Switchgear / Switchboard						
Molded Case Bkrs	100%	2046	* *	5	\$600	
Raceway						
Busway	1%	2039	* *	1		
Conduit	99%	2046	* *	1		
Panelboards						
Molded Case Bkrs	100%	2042	* *	5	\$600	
Wiring						
Thermoplastic	100%	2046	* *	1		

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

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 #: 13076

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2039	* *	5	\$100	
Ground						
Grounding Devices	4000			_	**	
Generic	100% 0-2	\$1,900 LIFE	* *	5	\$300	
	Other Observation, Extent:	Light, Area Affected :	100%			
	Location: Basement	C	1 A 4 H/ D: A	7 1 - N 7 -	C 1 Cl	
Stand-by Power	Explanation: Ground Clar	np severety Corroaea	Ai waier ripe, N	veeus me	<i>w Grouna Ciamp.</i>	
Transfer Switches						
Manual	100%	2046	* *	5	\$100	
Generators	10070	2010			Ψ100	
Diesel	100%	2035	* *	1	\$8,500	
216561	Other Observation, Extent:		100%	-	φο ,ε σσ	
	Location : Outside (Backyo					
	Explanation : 64 Kw Porta	ble Type				
Batteries						
Lead/Acid	100%	2020	\$1,500	5	\$800	
Fuel Storage						
Main Tank	100%	2054	* *	5	\$600	
Lighting						
Interior Lighting						
Fluorescent	90%	2031	* *	10	\$18,100	
	T-8 Lamps, Extent: Light, A					
	Location : Throughout Bui	lding				
Fluorescent	8%	2031	* *	10	\$1,600	
	Compact Fluorescent Light,	_	ffected : 100%			
	Location : Second And Thi					
HID	2%	2026	\$1,700	10		
Egress Lighting						
Exit, LED	100%	2054	* *	1		
	Other Observation, Extent:	Light, Area Affected :	100%			
	Location: Throughout					
	Explanation: Mostly L. E.	D				
Exterior Lighting	0.004	-0-	47. -2	4.0	* • • •	
HID	90%	2026	\$72,600	10	\$100	
Incandescent	10%	2021	\$6,900	2		

Mechanical	Curre	nt 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
Heating Energy Source							
Natural Gas	100%		2046	* *	1		

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

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

Asset #: 13076

Mechanical		Current I	Repair	Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating									
Conversion Equipment									
Furnace	50%	Now	\$300	2026	\$13,100	1	\$4,900		
			loderate, Area Affed eens Missing Or Do		%				
Steam Boiler	50%	. Bira ser	eens missing Or De	2039	* *	1	\$10,800		
Distribution	3070			2037		1	φ10,000		
Steam Piping/Pump	100%			2046	* *	4	\$1,600		
Terminal Devices	10070			20.0		•	Ψ1,000		
Convector/Radiator	80%			2039	* *	1	\$5,700		
Fan Coil Unit/Heat	20%			2034	* *	1	\$1,400		
Air Conditioning							, ,		
Energy Source									
Electricity	100%			2042	* *	1			
Conversion Equipment									
Ext Pkg Unit -	95%	Now	\$2,700	2031	* *	2	\$1,000		
Heating/Cooling									
	_		loderate, Area Affe		%				
			eens Missing Or Do	_					
		gerant, Ex : 6 Units (tent : Light, Area A On Roof	ffected :	100%				
Window/Wall Unit	5%			2024	\$2,200	1			
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2	\$35,600		
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$19,300		
Exhaust Fans									
Roof	80%			2031	* *	2	\$500		
Wall Unit	20%			2031	* *	2	\$100		
Plumbing									
H/C Water Piping	1000/			20.46	ماد ماد				
Brass/Copper	100%			2046	* *	1			
Water Heater	500/	0.2	¢2.500	2026	¢2.500	2	¢100		
Gas Fired	50%	0-2	\$2,500	2026	\$2,500	2	\$100		
	Leak Evide Location		: Moderate, Area A	Affected :	100%				
			Extent : Light, Area	Affected	: 100%				
		: Basemer	-	55	/ -				
			5 Gallon Units						
Gas Fired	50%	/-		2019	\$2,500	2	\$200		
Sanitary Piping	3070			2017	Ψ2,500		Ψ200		
Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping	100/0					1			
Cast Iron	100%			LIFE	* *	1			
Cust Holl	100/0			ин и		1			

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

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

Asset #: 13076

Mechanical	Current Repair	Future	Replacement	Maintenance		Maintenance			
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Plumbing									
Sump Pump(s)									
Rigid Piping	100%	2031	* *	4	\$1,600				
	Other Observation, Extent:	Light, Area Affected :	100%						
	Location: Basement								
	Explanation : 1 - Duplex U	nit, 1 Single Unit							
Backflow Preventer									
Generic	100%	2031	* *	1	\$1,300				
Fixtures									
Generic	100%								
Fire Suppression									
Sprinkler									
Generic	100%	2046	* *	1-2	\$6,100				
Chemical System									
Generic	100%	2024	\$25,500	1-3	\$50,600				

Page: 377

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FDNY FIRE MUSEUM

Address : 278 SPRING ST.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 21,457 Project Type : FIRE DEPARTMENT

Date of Survey : 26-May-2015 Landmark Status : EXTERIOR LANDMARK

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

Block : 579 Lot : 11 BIN : 1009739

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$42,300	
Interior Architecture	\$38,600	
Electrical	\$237,600	\$180,600
Total	\$318,600	\$180,600
Importance Code A	\$42,300	
Importance Code B	\$276,200	\$180,600
Total	\$318,600	\$180,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$98,700			
Interior Architecture	\$110,600		\$8,000	\$4,000
Electrical	\$1,600	\$800	\$1,100	\$800
Mechanical	\$30,100	\$3,800	\$12,200	\$10,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$244,900	\$8,600	\$25,300	\$19,300
Importance Code A	\$110,600	\$1,800	\$1,800	\$1,800
Importance Code B	\$108,300	\$6,700	\$23,500	\$17,500
Importance Code C	\$25,900			
Total	\$244,900	\$8,600	\$25,300	\$19,300



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

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

Asset #: 14345

Architecture	С	urrent Re	epair	Futur	e Replacement	М	aintenance	
ystem Component Type		il Date Years)	Estimated Cost	Year FY	Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* :	5	\$50,100	
Masonry: Limestone		Now	\$19,500	LIFE	* :	* 5	\$5,600	
	Staining/Disc Location : C	_	Extent : Light, Ard	ea Affect	ed : 25%			
Masonry: Limestone	15%			LIFE	* :	* 5	\$11,300	
Metal Panel	5%			2036	* :	5-10	\$17,200	
Granite Panels	5%			LIFE	* :	* 5	\$3,800	
Stucco Cement	10% N	Now	\$15,500	2031	* :	* 5	\$6,300	
	Cracking/Cru	ımbling, 1	Extent : Moderate	, Area A	ffected : 20%			
	Location : S	Stair And	Mechanical Roon	n Roof B	ulkheads			
	Worn/Eroded	, Extent :	Moderate, Area	Affected	: 50%			
	Location : S	Stair And	Mechanical Roon	n Bulkhe	ads			
Windows								
Aluminum	90%			2042	* :	* 5	\$2,500	
Wood	10% N	Now	\$8,300	2051	* :	* 5	\$1,400	
	Broken/Missi Location : I	_	nts, Extent : Mod heads	erate, Ar	ea Affected : 25%	6		
		efficient, I	Extent : Moderate	e, Area Ą	ffected : 100%			
	Caulking Det Location : I		Extent : Modera heads	te, Area	Affected : 100%			
Parapets								
Masonry: Brick	60% I	Now	\$5,600	LIFE	* :	* 5	\$1,800	
·	Staining/Disc Location : T	_	Extent : Moderate ıt	, Area Ą	ffected : 75%			
Masonry: Limestone	40%			LIFE	* :	^k 5-10	\$14,800	
Jan	Worn/Eroded	, Extent :	Light, Area Affec		%		, ,	
	Location : S	tone Cop	ings Located On .	South Sid	le Of Roof			
Roof								
Built-Up (BUR)	95% I	Now	\$42,300	2031	* :	k		
· · · · · · · /		sters, Ext	ent : Light, Area		: 15%			
			t : Moderate, Are	a Affecte	od · 25%			
	Location : I			илуест	u. 2570			
			Moderate, Area I	Affected	. 100%			
	Location : M			пјјестен	. 100/0			
Cl. 1'.1. 34 . 1/Cl				20.46	*:	,		
Skylight, Metal/Glass		Now	\$2,800	2046		•		
			tent : Light, Area	Affected	: 15%			
			Room, 1st Floor		OUT! C'	D 1		
	Explanation	ı : E-coat	ing Is Delaminati	ng On Se	ome Of The Glass	s Panels		

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 #: 14345

Architecture		Current l	rrent Repair Fut		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Floors								
Carpet	25%		\$43,800	2025	\$109,600	3	\$12,000	
		ded, Extent 1 : 2nd Floo	: Moderate, Area 1 or	Affected	: 30%			
Cast in Place Concrete	43%			LIFE	* *	5	\$60,400	
		Crumbling, 1 : Various	Extent : Light, Are Locations	ea Affecte	ed : 20%			
Quarry Tile	2%			2039	* *	5	\$1,000	
Sheet Vinyl/Rubber	5%			2031	* *	5	\$2,400	
Wood	25%			2054	* *	5	\$15,100	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	\$5,200	
Gypsum Board	40%			LIFE	* *	5-10	\$17,700	
Masonry: Brick	10%			LIFE	* *	10	\$800	
Plaster	25%		\$11,100	LIFE	* *	5	\$1,900	
	_	_	Extent : Light, Are		ed : 20%			
			lkhead At Roof Lev					
			, Extent : Moderate lkhead At Roof Leve		ffected : 20%			
Ceilings								
Exposed Concrete		issing Elen	\$8,800 nents, Extent : Light out Basement	LIFE t, Area Ą	* * ffected : 5%	5	\$2,000	
Gypsum Board	55%			LIFE	* *	5-10	\$60,700	
Plaster	5%			LIFE	* *	5-10	\$2,800	
	_	_	Extent : Light, Are se Ceilings	ea Affecte	ed : 20%			
	_	_	, Extent : Moderate d Equipment Room		•			
ite Enclosure								
Fence/Gates								
Not Accessible	100%							
Site Pavements Parking/Driveway								
Not Accessible	100%							

Electrical	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts		•				
Service Equipment						
Fused Disc Sw	100%	2026	\$22,200	5	\$100	
	Other Observation, Extent : Light,	Area Affected	: 100%			
	Location: Basement					
	Explanation: 1200 Amp.					

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

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

Asset #: 14345

Electrical	Current I	Repair	Futur	Future Replacement		Future Replacement Maintenance		aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts	•								
Switchgear / Switchboard									
Fused Disc Sw	100%		2026	\$34,800	5	\$100			
	Other Observation, E	=	Affected	: 100%					
	Location : Basemen								
	Explanation: 1200	Amp.							
Raceway	1000/		2026	422 5 00					
Conduit	100%		2026	\$33,500	1				
Panelboards	1000/		2024	de de	_	φ			
Molded Case Bkrs	100%		2034	* *	5	\$600			
Wiring	000/		2025	#24.5 00	,				
Braided Cloth	90%		2025	\$26,700	1				
Thermoplastic	10%		2036	* *	1				
Ground									
Grounding Devices	1,000/		LIDD	* *	_	¢<00			
Generic	100%		LIFE		5	\$600			
Lighting Interior Lighting									
Fluorescent	15%		2026	\$41,700	10	\$3,000			
Tuorescent	T-8 Lamps, Extent : 1	ight Area Affected		Ψ41,700	10	Ψ3,000			
	Location : Through		1.100/0						
HID	60%		2021		10	\$400			
Incandescent	25%		2021	\$69,500	2	\$100 \$100			
Egress Lighting	2,570		2021	\$09,500		\$100			
Emergency, Battery	50%		2031	* *	10	\$2,600			
Exit, Service	10%		2026	\$600	10	\$2,000			
Exit, Service Exit, Battery	40%		2020	**	10	\$600			
Exterior Lighting	40/0		2031		10	Ψ000			
HID	100%		2031	* *	10	\$100			
Alarm	10070		2031		10	φ100			
Security System									
Generic	100%		2021	\$69,400	1	\$8,000			
Conorra	Other Observation, E	Extent : Light, Area			•	40,000			
	Location : Through		55						
	Explanation : Fixed								
Fire/Smoke Detection									
Generic, Analog	100% 2-4	\$237,600	2036	* *					
,	Other Observation, E			: 100%					
	Location: Through		==						
	Explanation : Fire	Alarm System Is Ov	er Thirty	Years Old					

Mechanical	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

Heating

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

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

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

Asset #: 14345

Mechanical	Chanical Current Repair Future Replacement		e Replacement	Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source	4		• • • •				
Electricity	1%		2046	* *	1		
Natural Gas	99%		2046	* *	1		
Conversion Equipment	4.07		2021	ماه ماه		# 100	
Furnace	1%		2031	* *	1	\$100	
	Other Observation, Ex	-	Affected	: 100%			
	Location : Home Der						
_	Explanation : Electri	c Unit Heaters				** ***	
Furnace	29%		2031	**	1	\$3,100	
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location: Roof						
	Explanation: Roof T						
Steam Boiler	50% Now	\$11,200	2031	* *	1	\$9,600	
	Malfunctioning, Exten	t : Severe, Area Aj	ffected :	20%			
	Location: Basement						
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location: Basement						
	Explanation: 6 Unit	s Piped In Series					
Steam Boiler	20%		2039	* *	1	\$4,300	
Distribution							
Ductwork/Diffusers	30%		LIFE	* *	2-5	\$5,700	
Steam Piping/Pump	70%		2046	* *	4	\$1,100	
Terminal Devices							
Convector/Radiator	100%		2039	* *	1	\$6,900	
Air Conditioning							
Energy Source	1000/		20.42	de de			
Electricity	100%		2042	* *	1		
Conversion Equipment	700/		2021	ale ale	2	ф000	
Ext Pkg Unit -	70%		2031	* *	2	\$900	
Heating/Cooling	Oth on Observation En	tout Light Auga	Affect of	. 1000/			
	Other Observation, Ex Location : Roof	ieni . Ligni, Area	Ајјестеа	. 100%			
	Explanation : R-410a	v					
Colit II!4			2021	* *			
Split Unit	5% 25%		2031		1		
Window/Wall Unit	25%		2021	\$11,800	1		
Distribution Ductiverly Diffusors	1000/		TIDD	* *	2	¢24.000	
Ductwork/Diffusers	100%		LIFE	-1- 4r	2	\$34,900	
Ventilation Distribution							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$18,900	
Exhaust Fans	10070		LILE		2-3	\$10,900	
Exnaust Fans Roof	100%		2026	\$18,200	2	\$700	
Plumbing	10070		2020	\$10,200		\$700	
H/C Water Piping							
Brass/Copper	100%		2046	* *	1		
Diass/Copper	10070		2040	·	1		

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

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

Asset #: 14345

Mechanical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Estim	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Water Heater						
Electric	100%	2021	\$3,600	4	\$200	
	Other Observation, Extent : Ligh	nt, Area Affected : 100%	6			
	Location: 2nd And 3rd Floor					
	Explanation: 2 40 Gallon Unit	ts				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Submersible	100%	2020	\$7,200	4	\$2,500	
Fixtures						
Generic	100%					
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			
	Other Observation, Extent : Ligh	nt, Area Affected : 100%	6			
	Location: 1st To 3rd Floor					
	Explanation: 1 Unit					
Fire Suppression						
Sprinkler						
Generic	100%	2052	* *	1-2	\$6,000	

Page: 383

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY ADMINISTRATION BLDG #9

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 40,432 Project Type : FIRE DEPARTMENT

Date of Survey : 18-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,M

Block : 1819 Lot : 40 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$2,344,500	\$278,100
Interior Architecture	\$131,700	
Electrical	\$970,100	\$460,300
Total	\$3,446,300	\$738,300
Importance Code A	\$2,344,500	\$303,400
Importance Code B	\$970,100	\$435,000
Importance Code C	\$131,700	
Total	\$3,446,300	\$738,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	\$87,900	\$600	\$2,700	\$8,800
Electrical	\$3,000	\$9,200	\$51,000	\$5,900
Mechanical	\$9,400	\$16,500	\$23,900	\$16,500
Total	\$100,300	\$26,300	\$77,500	\$31,300
Importance Code A	\$1,900	\$1,900	\$2,000	\$1,900
Importance Code B	\$69,000	\$24,400	\$75,600	\$29,400
Importance Code C	\$29,400			
Total	\$100,300	\$26,300	\$77,500	\$31,300



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

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

Asset #: 131

chitecture	Current Repair	Future Replacemen	ment Maintenance		
stem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Co	Ost Cycle (Yrs)	Estimated Cost	Priority
erior					
Exterior Walls Cast in Place Concrete	30% Now \$163,400 Caulking Deteriorated, Extent: Mode Location: At Junction Of Metal Tur Water Penetration, Extent: Moderate	erate, Area Affected : 0% nnel And Concrete At Audi	** 5	\$148,300	
	Location: At Auditorium Exit	, meangeciea . 1070			
Metal/Glass Curt Wall	20% Now \$612,900 Broken/Missing Elements, Extent: Se Location: Throughout Corrosion/Rusting, Extent: Severe, A Location: Throughout	vere, Area Affected : 75%	** 5	\$37,100	1
	Caulking Deteriorated, Extent: Sever Location: Throughout Water Penetration, Extent: Severe, A Location: Throughout				
Metal Panel	50% Now \$173,600 Corrosion/Rusting, Extent: Moderate Location: Along Wall Base Caulking Deteriorated, Extent: Mode Location: Along Wall Base	e, Area Affected : 10% erate, Area Affected : 50%	** 5	\$92,700	
	Water Penetration, Extent: Moderate Location: At Corridor Adjacent To	==			
Windows	Locuiton : In Corridor Hajaceni 10	Watt			
Aluminum	100% Now \$686,500 Air Infiltration, Extent : Moderate, An Location : Throughout	rea Affected : 40%	** 5	\$8,400	1
	Broken/Missing Elements, Extent : Se Location : Throughout Ctrwt/Balnc Not Funct, Extent : Seve.				
	Location: Throughout				
Roof					
Metal Panel	100% Now \$708,100 Corrosion/Rusting, Extent: Light, Ar Location: At Corridor Adjacent To Gut/DS Non Func/Miss, Extent: Mod Location: Along First Floor Corrid	ea Affected : 50% Wall 'erate, Area Affected : 50%	ó		
	Water Penetration, Extent: Moderate Location: Along First Floor Corrid	==			

Interior

Asset #: 131

rchitecture		Current	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
terior								
Floors								
Carpet		0-2 ded, Extent a : Through	\$42,300 : Moderate, Area out	2023 Affected	\$105,800 : 20%	3	\$12,700	
Cast in Place Concrete		Crumbling	\$3,700 Extent : Severe, A tlement At Front Er		* * cted : 5%	5	\$16,100	
Ceramic Tile	2%			2033	* *	5	\$1,100	
Vinyl Tile	50%			2029	* *	3	\$14,100	
Vinyl Tile Vinyl Tile	15%			2032	* *	3	\$4,200	
vinyi The	Recent Ins	stallation, I 1 : Through	Extent : Light, Area out		!: 100%	3	ψ+,200	
Wood	5%			2059	* *	5	\$5,300	
Interior Walls Cast in Place Concrete			\$44,900 Extent : Severe, A	LIFE rea Affec	* * cted : 3%			
Ceramic Tile	_	2-4 Crumbling a: Through	\$19,600 Extent : Light, Ard out	2033 ea Affecte	* * ed : 10%	5	\$1,800	
Concrete Masonry Unit	_	2-4 Cracks, Ex a: Through	\$86,800 tent : Light, Area A out	LIFE affected :	**	5	\$16,000	
Gypsum Board		2-4 Crumbling, a: Through	\$7,400 Extent : Light, Ard out	LIFE ea Affecte	* * ed : 10%	5	\$10,900	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5% Corrosion	2-4 /Rusting, E a : Through	\$2,500 Extent : Light, Area out	LIFE	**			
Ceilings						_		
AcousTileConcealSpLn	Cracking/	2-4 Crumbling a: Through	\$2,200 Extent : Light, Ard out	2029 ea Affecto	* * ed : 10%	5	\$1,800	
AcousTileSusp.Lay-In	_	2-4 Crumbling 1 : Through	\$5,600 Extent : Light, Ard out	2037 ea Affect	* * ed : 20%	5	\$7,100	
Exposed Struc: Steel	Location Water Per	i : Through netration, E	Extent : Light, Area out Extent : Light, Area oor Corridor					

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

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

Asset #: 131

Electrical	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts					
Service Equipment					
Fused Disc Sw	70%	2024 \$25,300	5	\$100	
	Other Observation, Extent : Moderate	e, Area Affected : 100%			
	Location : Electrical Room				
	Explanation: One 4000 Amps And of	<u> </u>			
Fused Disc Sw	30%	2034 **	5	\$100	
	Other Observation, Extent : Moderate	e, Area Affected : 100%			
	Location : Electrical Room				
	Explanation: One 1200 Amps Main	Disconnect Switch For Emer	gency		
Transformers	1000	enen di di	_	4.00	
Dry Type	100%	2029 **	5	\$100	
	Other Observation, Extent : Moderate Location : Electrical Room	e, Area Affectea : 100%			
		D: 490/277 G 1			
Switchgear / Switchboard	Explanation: One 112.5 Kva 220v I	rımary - 460/2//v Secondar	у		
Fused Disc Sw	75%	2024 \$107,400	5	\$100	
Fused Disc Sw Fused Disc Sw	20%	2024 \$107,400	5 5	\$100	
Molded Case Bkrs	5%	2054 **	5	\$100	
Raceway	370	2034		Ψ100	
Conduit	85%	2024 \$72,300	1		
Conduit	10%	2034 **	1		
Conduit	5%	2054 **	1		
Panelboards	370	2031	-		
Fused Disc Sw	10%	2023 \$8,800	5	\$100	
Molded Case Bkrs	85%	2023 \$74,500	5	\$900	
Molded Case Bkrs	5%	2049 **	5	\$100	
Wiring					
Thermoplastic	10%	2034 **	1		
Thermoplastic	85%	2024 \$97,800	1		
Thermoplastic	5%	2054 **	1		
Motor Controllers					
Locally Mounted	10%	2029 * *	5		
Motor Control Center	90%	2022 \$83,100	5	\$1,000	
Ground					
Grounding Devices					
Generic	100%	LIFE **	5	\$600	
Stand-by Power					
Transfer Switches					
Automatic	50%	2022 \$4,400	1	\$6,200	
Under Construction	50%				
Generators					
Diesel	50%	2020 \$35,700	1	\$7,800	
	Other Observation, Extent: Moderate	e, Area Affected : 100%			
	Location: Generator Room				
	Explanation : One 281 Kva				
Under Construction	50%				

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

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

Asset #: 131

Electrical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power							
Batteries							
Lead/Acid	50%		2017	\$700	5	\$700	
Under Construction	50%						
Fuel Storage	400-			** * • •	_		
Day Tank	100%		2023	\$2,700	5	\$7,000	
	Other Observation, Ext Location : Undergrou		еа Ајје	ciea : 100%			
	Explanation: One 25						
Lighting	Explanation . One 23	oo Gais					
Interior Lighting							
Fluorescent	15%		2029	* *	10	\$5,200	
Tuorescent	Other Observation, Ext			cted : 100%	10	ψ5,200	
	Location : Throughou		33				
	Explanation : T-5 Lar	_					
Fluorescent	55%	<u>-</u>	2019	\$256,800	10	\$19,100	
	Other Observation, Ext					+,	
	Location : Throughou						
	Explanation: T-12 La	umps					
Fluorescent	30%		2029	* *	10	\$10,400	
	Other Observation, Ext	ent : Moderate, Ar	ea Affe	cted : 100%			
	Location : Throughou	t The Building					
	Explanation: T-8 Lar	nps					
Egress Lighting							
Emergency, Service	35%		2019	\$6,400	1		
Emergency, Service	30%		2029	* *	1		
Exit, Service	35%		2019	\$4,300	1		
Exterior Lighting							
HID	100%		2019	\$149,100	10	\$100	
Alarm							
Security System	100% Now	¢110.500	2024	* *	1	¢12.600	
Generic	Devices Damaged, Exte	,	2034 Magaza		1	\$13,600	
	Location : Throughou		ујестеа	. 10070			
Fire/Smoke Detection	Location . Infoughou	. In Danuing					
Generic	100% Now	\$409,000	2034	* *	1-3	\$22,700	
Generic	Devices Damaged, Exte	· · · · · ·			1-3	Ψ22,700	
	Location : Throughou		-JJ				

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source Fuel Oil No 2	100%		2034	* *	5	\$11,700	

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

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

Asset #: 131

Mechanical	С	Current Repair Fut		Future Replacement		Maintenance	
System Component Type		il Date Estima Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Hot Water Boiler	Location : I	Boiler Room	2041 nt : Light, Area Aff ight, Area Affectea		1	\$18,700	
		Boiler Room	33				
Distribution Hot Wtr Piping/Pump	100%		2032	* *	4	\$1,900	
Terminal Devices Air Handler Convector/Radiator	70% 30%		2032 2029	* *	1 1	\$16,400 \$3,700	
Air Conditioning Energy Source Electricity	100%		2032	**	1		
Conversion Equipment Reciprocating Compr/Chiller	100%		2032	* *	1	\$17,500	
Complication	R-134a Refrig Location : C		ight, Area Affecte	d : 100%			
Distribution Chilled Wtr Pipe/Pump	100%		2050	* *	4	\$2,800	
Terminal Devices Air Handler/Cool/Ht	100%		2032	* *	1	\$23,400	
Heat Rejection Air Condenser Unit Ventilation	100%		2032	* *	2	\$26,300	
Distribution Ductwork/Diffusers Exhaust Fans	100%		LIFE	* *	2-5	\$21,100	
Roof Plumbing	100%		2024	\$29,400	2	\$1,200	
H/C Water Piping Brass/Copper	100%		2034	* *	1		
Water Heater Electric Sanitary Piping	100%		2023	\$5,700	4	\$200	
Cast Iron Storm Drain Piping	100%		LIFE	* *	1		
Cast Iron Fixtures	100%		LIFE	* *	1		
Generic Fire Suppression	100%						
Standpipe Generic Sprinkler	100%		2034	* *	1-5	\$19,100	
Generic	100%		2034	* *	1-2	\$10,600	

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

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

Page: 389

FIRE DEPARTMENT - 057 FIRE ACADEMY ADMINISTRATION BLDG #9

Asset #: 131

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY BURN BUILDING #5

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.013 / 13554 Yr Built/Renovated : 2003 /

Area Sq Ft : 6,083 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Roof, Floors 1,2

Block : 1819 Lot : 40 BIN : 1085912

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		\$66,000
Total		\$66,000
Importance Code B		\$66,000
Total		\$66,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			\$8,400	\$100
Interior Architecture				
Electrical	\$100			
Mechanical	\$100		\$100	
Total	\$100		\$8,500	\$100
Importance Code A			\$8,400	\$100
Importance Code B	\$100		\$100	
Importance Code C				
Total	\$100	,	\$8,500	\$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.

FIRE DEPARTMENT - 057 FIRE ACADEMY BURN BUILDING #5

Asset #: 13554

Architecture		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls							
Cast in Place Concrete	5%		LIFE	* *	5	\$4,100	
	Other Obs	servation, Extent : Light, Are	ea Affected	l : 100%			
	Location	า : Throughout					
	Explana	tion: 2 Story Bldg, No Base	ment				
Masonry: Brick	95%		LIFE	* *	5	\$15,400	
Windows							
Aluminum	50%		2040	* *	5	\$200	
Metal Louvers	50%		2033	* *	10	\$1,500	
Parapets							
Not Accessible	100%						
Roof							
Modified Bitumen	100%		2029	* *	10	\$8,400	
Interior							
Floors							
Cast in Place Concrete	100%		LIFE	* *	5	\$19,900	
Interior Walls							
Cast in Place Concrete	20%		LIFE	* *			
Concrete Masonry Unit	80%		LIFE	* *	5	\$2,500	
Ceilings							
Exposed Concrete	100%		LIFE	* *	5	\$1,400	

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Raceway						
Conduit	100%	2034	* *	1		
Panelboards						
Molded Case Bkrs	100%	2032	* *	5	\$200	
Wiring						
Thermoplastic	100%	2034	* *	1		
Motor Controllers						
Locally Mounted	100%	2029	* *	5		
Lighting						
Interior Lighting						
Fluorescent	100%	2024	\$66,000	10	\$5,600	
	Other Observation, Extent: Me	oderate, Area Affec	ted : 100%			
	Location: Throughout					
	Explanation: Using Compac	t Flourescent Lamp	os			
Exterior Lighting						
HID	100%	2024	\$22,400	10		

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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY BURN BUILDING #5

Asset #: 13554

Mechanical	Current Repair	Future Rep	lacement	Ma	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation						
Exhaust Fans						
Roof	100%	2029	* *	2	\$200	
Plumbing						
H/C Water Piping						
Galv Iron/Steel	10%	2037	* *	1		
	Other Observation, Extent : L	ight, Area Affected : 10%	,)			
	Location: 1st & 2nd Floors					
	Explanation : Standpipe On	ly				
No Component	90%					
Fire Suppression						
Standpipe						
No Component	90%					
Generic	10%	2044	* *	1-5	\$300	

Page: 392

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY CLASSROOM BLDG. #11

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.011 / 13552 Yr Built/Renovated : 2003 /

Area Sq Ft : 39,768 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Roof, Floors 1,3,4

Block : 1819 Lot : 40 BIN : 1085910

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$46,000	\$157,900
Electrical	\$36,500	
Mechanical		\$143,400
Total	\$82,500	\$301,300
Importance Code A	\$46,000	\$157,900
Importance Code B	\$36,500	\$143,400
Total	\$82,500	\$301,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$4,300		\$49,400	\$6,700
Interior Architecture	\$17,900	\$1,500		\$7,400
Electrical	\$5,100	\$4,200	\$6,800	\$5,500
Mechanical	\$6,800	\$6,400	\$26,800	\$7,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$38,000	\$16,100	\$87,000	\$30,900
Importance Code A	\$6,300	\$2,000	\$51,900	\$8,600
Importance Code B	\$31,800	\$14,100	\$35,100	\$22,300
Importance Code C				
Importance code 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.

FIRE DEPARTMENT - 057 FIRE ACADEMY CLASSROOM BLDG. #11

Asset #: 13552

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	\$35,100	
Metal Panel	35%			2044	* *	5-10	\$168,800	
Window Wall	15%			2044	* *	5	\$39,500	
Windows								
Aluminum	100%			2040	* *	5	\$13,300	
Parapets								
Concrete Masonry Unit	95%			LIFE	* *	5	\$8,400	
Metal Rail	5%			2037	* *	5-10	\$7,100	
Roof								
IRMA/Protected	100%			2029	* *	10	\$29,700	
Membrane								
Interior								
Floors								
Carpet	5%			2023	\$37,100	3	\$6,000	
Cast in Place Concrete	10%			LIFE	* *	5	\$13,000	
Ceramic Tile	5%			2033	* *	5	\$3,000	
Vinyl Tile	80%			2029	* *	3	\$23,800	
Interior Walls								
Concrete Masonry Unit	45%			LIFE	* *	5	\$5,800	
Gypsum Board	35%			LIFE	* *	5	\$6,800	
Masonry: Brick	13%			LIFE	* *			
Metal Panel	7%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	35%			2037	* *	5	\$20,900	
Exposed Struc: Steel	50%			LIFE	* *			
Metal Panel	15%			LIFE	* *	5	\$11,200	

lectrical	Current Repa	ir Futur	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2044	* *	5	\$1,000	
	Other Observation, Exten	: Moderate, Area Affe	cted : 100%			
	Location: Electrical Ro	om				
	Explanation: One 1200	Amps Main Disconnec	t Switch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2044	* *	5	\$1,000	
Raceway						
Conduit	100%	2044	* *	1		
Panelboards						
Fused Disc Sw	10%	2040	* *	5	\$100	
Molded Case Bkrs	90%	2040	* *	5	\$900	
Wiring						
Thermoplastic	100%	2044	* *	1		

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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY CLASSROOM BLDG. #11

Asset #: 13552

Electrical	Current Repair		lacement	Maintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts							
Motor Controllers							
Locally Mounted	100%	2037	* *	5	\$300		
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$600		
Stand-by Power							
Transfer Switches							
Automatic	100%	2037	* *	1	\$12,200		
Lighting							
Interior Lighting							
Fluorescent	80%	2029	* *	10	\$29,200		
	Other Observation, Extent : Modera Location : Throughout The Buildin Explanation : T-8 Lamps		100%				
Fluorescent	20%	2029	* *	10	\$7,300		
	Other Observation, Extent : Modera Location : Throughout The Buildin Explanation : T-5 Lamps		100%				
Egress Lighting							
Emergency, Service	50%	2029	* *	1			
Emergency, Battery	15%	2029	* *	10	\$1,400		
Exit, LED	35%	2052	* *	1			
Exterior Lighting HID	100%	2029	* *	10	\$100		
Alarm	_						
Security System							
No Component	50%						
Generic	50%	2029	* *	1	\$7,400		
Fire/Smoke Detection	_						
Generic	100%	2029	* *	1-3	\$25,300		

Mechanical	Current Repair	Future Rep	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2044	* *	5	\$12,300	
Conversion Equipment						
Hot Water Boiler	100%	2037	* *	1	\$19,700	
	Other Observation, Extent : Light,	Area Affected : 1009	%			
	Location: Boiler Room					
	Explanation: 2 Units - Also Serv	iing Adjacent Buildi	ng #12 As W	Vell.		
Distribution						
Hot Wtr Piping/Pump	100%	2040	* *	4	\$2,000	

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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY CLASSROOM BLDG. #11

Asset #: 13552

Mechanical	Current Repair			Futur	e Replacement	Maintenance			
System Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Туре	10001	(10015)				(115)			
leating									
Terminal Devices									
Air Handler	80%			2029	* *	1	\$19,700		
Convector/Radiator	20%			2037	* *	1	\$2,600		
ir Conditioning									
Energy Source	1.000/			20.40	* *	1			
Electricity	100%			2040	* *	1			
Conversion Equipment	0.00/			2024	¢1.42.400	2	¢2.000		
Ext Pkg Unit - Cooling				2024	\$143,400	2	\$2,000		
			Extent : Light, Area	Аဌјестеа	: 100%				
	Location	-	:						
N. C		tion : 2 Un	llS						
No Component	20%								
rentilation									
Distribution Ductwork/Diffusers	100%			LIFE	* *	2.5	\$22,200		
Exhaust Fans	100%			LIFE		2-5	\$22,200		
Roof	100%	Now	\$1,500	2024	\$20,000	2	¢1 000		
ROOI			\$1,500 ent : Severe, Area A		\$30,900	2	\$1,000		
	Location	_	eni . Severe, Area A	ујестеи .	0070				
lumbing	Locuitor	. Rooj							
lumbing H/C Water Piping									
Brass/Copper	100%			2044	* *	1			
Water Heater	10070			2044		1			
Oil Fired	100%			2019	\$12,000	1	\$1,200		
On Thea		ervation F	Extent : Light, Area			1	Ψ1,200		
		: Boiler R		11,500000	. 10070				
			250 Gallon Tanks						
Sanitary Piping	2. op terret		200 Ganton Tanna						
Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping	10070								
Cast Iron	100%			LIFE	* *	1			
Backflow Preventer									
Generic	100%			2029	* *	1	\$2,400		
Fixtures							. ,		
Generic	100%								
ertical Transport									
Elevators									
Geared Traction	100%			LIFE	* *				
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%				
	Location	: 1-4							
	Explana	tion : One	Unit						
ire Suppression									
Sprinkler									
Generic	100%			2044	* *	1-2	\$11,100		

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY FIRE TRAINING BLDG #3

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.020 / 1989 Yr Built/Renovated : 1975 /

Area Sq Ft : 4,150 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Roof, Floors 1,2

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$59,900			
Interior Architecture	\$43,400			
Electrical		\$100	\$15,300	
Mechanical			\$100	
Total	\$103,300	\$100	\$15,400	
Importance Code A	\$59,900			
Importance Code B	\$35,600	\$100	\$15,400	
Importance Code C	\$7,800			
Total	\$103,300	\$100	\$15,400	



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.

FIRE DEPARTMENT - 057 FIRE ACADEMY FIRE TRAINING BLDG #3

Asset #: 1989

Architecture	Current Repair Future Replacement Maintenanc			aintenance			
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
kterior							
Exterior Walls Masonry: Brick	90% 0-2 Jnt Mortar Miss/Erod Location : Penthou		LIFE te, Area Aff	* * Tected : 15%	5	\$3,400	
Metal Coiling Doors	10% 4+ Deformed/Dented, E. Location: Through		2037 Affected : 1	**	5	\$600	
Windows Aluminum	100% Now Bent/Warped Elemen Location: Through Broken/Missing Elen Location: Through	out ients, Extent : Seve			5	\$200	1
Parapets							
Cast Stone/Terra Cotta	10% 0-2 Cracking/Crumbling Location: Through		LIFE ea Affected	* *	5	\$300	
Masonry: Brick	90% 0-2 Jnt Mortar Miss/Eroc Location : Through	_	LIFE rea Affected	* * d : 15%	5	\$400	
Roof	3% 0-2	¢2.500	2011	* *			
Skylight, Metal/Glass	3% 0-2 Broken/Missing Elen Location: Through Water Penetration, E	out		ected : 10%			
	Location : Through		1299000001				
Traffic Topping	97% Now Cracking/Crumbling Location: Through		2034 rea Affecte	* * d : 50%			
	Miss/Damaged Flash Location : Main Ro Water Penetration, E Location : Second I	of Extent : Moderate, A					
terior							
Floors Cast in Place Concrete	100% 2-4 Cracking/Crumbling Location: Through		LIFE c, Area Affe	* * cted : 10%	5	\$14,100	
Interior Walls							
Concrete Masonry Unit	100% 4+ Staining/Discoloring Location : Stairs Other Observation, E				5	\$2,900	
	Location : Stairs Explanation : Dete						

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

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

Page: 398

FIRE DEPARTMENT - 057 FIRE ACADEMY FIRE TRAINING BLDG #3

Architecture		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	100%	2-4	\$29,000	LIFE	* *	5	\$700	
_	Water Penet	tration, Ex	xtent : Moderate, A	Area Affe	cted : 10%			
	Location:	Second F	loor					

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
Under 600 Volts							
Raceway							
Conduit	100%		2034	* *	1		
Panelboards							
Molded Case Bkrs	100%		2023	\$21,900	5	\$100	
Wiring							
Thermoplastic	100%		2024	\$18,100	1		
Lighting							
Exterior Lighting							
HID	100%		2019	\$15,300	10		

Machanical	Command Barrain	Futura Banka			aintan an an	
Mechanical	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Galv Iron/Steel	10%	2029	* *	1		
	Other Observation, Extent : Light	, Area Affected : 10%				
	Location: 2 Floors					
	Explanation: For Demonstration	on - Standpipe Only				
No Component	90%					
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
	Other Observation, Extent : Light	, Area Affected : 10%				
	Location: 1, 2, Roof					
	Explanation: Roof Drains Only					
Fire Suppression						
Standpipe						
No Component	90%					
Generic	10%	2034	* *	1-5	\$200	

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

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

Page: 399

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 9,594 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Roof, Floors 1,2

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$46,100	
Interior Architecture	\$50,600	
Electrical	\$92,000	\$102,800
Total	\$188,800	\$102,800
Importance Code A	\$46,100	
Importance Code B	\$142,600	\$102,800
Total	\$188,800	\$102,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$27,900			
Interior Architecture	\$149,500			\$4,000
Electrical	\$300	\$400	\$10,500	\$300
Mechanical	\$5,200	\$900	\$19,200	\$1,200
Total	\$182,900	\$1,300	\$29,700	\$5,500
Importance Code A	\$28,400	\$500	\$500	\$500
Importance Code B	\$116,900	\$800	\$29,200	\$5,000
Importance Code C	\$37,600			
Total	\$182,900	\$1,300	\$29,700	\$5,500



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

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

rchitecture		Current	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls						_	*= 000	
Masonry: Brick	90%	2-4	\$46,100	LIFE	**	5	\$7,800	
	_	Crumbling, t: Through	Extent : Moderate	, Area Aj	ffected: 20%			
Wood Overhead Doors	10%	Now	\$8,100	2037	**	5	\$2,200	
		issing Eien 1 : North Fe	ients, Extent : Mod	erate, Ar	ea Affectea : 25%			
			icaae Extent : Moderate,	Anna Af	Factod . 500/			
		ea Finish, e: North Fe		Агеи Ауу	eciea . 50%			
Windows	Locuiton	INOIIII I'	nuit					
Aluminum	100%	2-4	\$9,000	2040	* *	5	\$600	
Aummum			aents, Extent : Mod		ea Affected : 30%	3	φοσο	
		: Through		.,, 11,	ca ny cerea . 5070			
Parapets								
Masonry: Brick	95%	2-4	\$5,400	LIFE	* *	5	\$1,000	
•	Cracking/	Crumbling,	Extent : Light, Are	a Affect	ed : 10%			
	Location	: Through	out					
Pre-Cast Concrete	5%	2-4	\$100	LIFE	* *	5	\$300	
	Cracking/	Crumbling,	Extent : Light, Are	a Affect	ed : 10%			
	Location	: Through	out					
Roof								
Modified Bitumen	100%	Now	\$5,300	2032	* *			
			Extent : Light, Area	Affected	: 10%			
	Location	: Through	out					
erior								
Floors	50 04	NT.	¢02.100	2026	002.100	2	¢11.200	
Carpet	50%	Now	\$93,100	2026	\$93,100	3	\$11,200	
		r/1mpact D 1 : Through	amage, Extent : Se	vere, Are	га Ађества : 100%			
					ale ale		Φ0.000	
Cast in Place Concrete	30%	2-4	\$4,600	LIFE	**	5	\$9,800	
			Extent : Light, Are	чи Ајјест	za : 10%			
a		: Through		2022	a •		* * * * -	
Ceramic Tile	5%	2-4	\$1,400	2033	**	5	\$400	
	_	_	Extent : Light, Are	ea Affecti	ea : 10%			
		: Through						
Vinyl Tile	15%	Now	\$1,900 Damage, Extent : Me	2029	**	3	\$800	
	Punct/Loa	r/Impact I	amaga Hytont · M.	adarata	Awaa Attaatad . III			

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

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

Asset #: 1992

chitecture		Current Repair		Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls						_		
Ceramic Tile			\$2,200 Extent : Light, Are out	2033 ea Affecte	* * ed : 10%	5	\$400	
Concrete Masonry Unit	60%	2-4	\$21,700	LIFE	* *	5	\$4,000	
·	_	Crumbling, 1 : Through	Extent : Light, Are	ea Affecte	ed : 10%			
Gypsum Board	_	Crumbling,	\$1,000 Extent : Light, Are	LIFE ea Affecte	* * ed : 10%	5	\$1,500	
		ı: Through						
SGFT/Glazed Masonry	_		\$12,600 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%			
Ceilings								
AcousTileSusp.Lay-In			\$50,600 nents, Extent : Mod noom	2044 erate, Ar	* * rea Affected : 5%	5	\$3,200	
	U	Crumbling, 1 : Room 1	Extent : Moderate	, Area Aj	ffected : 25%			
		netration, E. n : Room 1	xtent : Moderate, A	Area Affe	cted : 10%			
Exposed Struc: Steel		4+ a/Rusting, E. a : Through	\$11,000 Extent : Light, Area out	LIFE Affected	**			
Gypsum Board	15%			LIFE	* *	5	\$2,000	

ectrical	Current Repair	Future	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2024	\$2,500	5		
	Other Observation, Extent : Moderat	e, Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation: Two 400 Amps Main	Disconnect	Switch			
Switchgear / Switchboard						
Fused Disc Sw	100%	2024	\$47,700	5		
Raceway						
Conduit	100%	2024	\$13,600	1		
Panelboards						
Fused Disc Sw	10%	2023	\$2,200	5		
Molded Case Bkrs	90%	2023	\$19,700	5	\$200	
Wiring						
Thermoplastic	100%	2024	\$18,100	1		

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

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

Asset #: 1992

Electrical	Current Repair		e Replacement	M		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2022	\$44,300	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	
Stand-by Power						
Transfer Switches						
Automatic	100%	2022	\$21,500	1	\$3,000	
Lighting Interior Lighting						
Fluorescent	85%	2019	\$92,000	10	\$7,800	
	Other Observation, Extent : Mode. Location : Throughout The Build Explanation : T-12 Lamps		cted : 100%			
Fluorescent	10%	2024	\$10,800	10	\$900	
	Other Observation, Extent: Mode Location: Garage Explanation: Using T-8 Lamps	rate, Area Affe	cted : 100%			
HID	5%	2024	\$3,900	10		
Egress Lighting						
Emergency, Service	50%	2019	\$2,400	1		
No Component	50%					
Exterior Lighting						
Not Accessible	100%					

Mechanical	Current Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
leating							
Energy Source							
Fuel Oil No 2	100%	2034	* *	5	\$3,100		
Conversion Equipment							
Hot Water Boiler	100%	2029	* *	1	\$4,900		
	Boiler Used For Hot Water, Extent : I	Light, Area	Affected : 100%				
	Location: Boiler Room						
	Other Observation, Extent: Light, Are	ea Affected	: 100%				
	Location: Boiler Room						
	Explanation: 1 Unit						
Distribution							
Hot Wtr Piping/Pump	100%	2032	* *	4	\$500		
Terminal Devices							
Air Handler	20%	2024	\$10,500	1	\$1,200		
Convector/Radiator	70%	2029	* *	1	\$2,300		
Unit Heater-Stm/HW	10%	2024	\$6,300	4	\$100		

Air Conditioning

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

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

Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2019	\$16,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,600	
Exhaust Fans								
Roof	20%			2024	\$1,600	2	\$100	
No Component	80%							
Plumbing								
H/C Water Piping	400							
Brass/Copper	100%			2034	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%		\$4,300	2029	* *	4	\$1,600	
			lerate, Area Affecte					
			iectors Located In I Ioat Problem	Pit Adjac	ent To Building, O	ne Pump	Out Of Service	
Fixtures								
Generic	100%							
Fire Suppression Sprinkler								
No Component	85%							
Generic	15%			2034	* *	1-2	\$400	

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY MASK SERVICE UNIT BLDG #7

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 10,534 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Roof, Floors 1,2

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture		\$40,900
Electrical		\$116,100
Mechanical	\$112,100	
Total	\$112,100	\$157,000
Importance Code B	\$112,100	\$157,000
Total	\$112,100	\$157,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$5,200		\$10,300	\$500
Interior Architecture	\$27,800	\$400		\$600
Electrical	\$500	\$300	\$4,000	\$300
Mechanical	\$2,300	\$1,100	\$12,400	\$1,100
Total	\$35,700	\$1,800	\$26,700	\$2,500
Importance Code A	\$5,700	\$500	\$10,900	\$1,000
Importance Code B	\$16,100	\$1,300	\$15,800	\$1,500
Importance Code C	\$13,800			
Total	\$35,700	\$1,800	\$26,700	\$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.

Asset #: 1991

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$7,200	
Masonry: Brick	7%			LIFE	* *	5	\$700	
Metal Coiling Doors	15%			2037	* *	5	\$4,500	
Metal Coiling Doors	3%			2037	* *	5	\$900	
Windows								
Aluminum	80%			2040	* *	5	\$1,000	
Aluminum	20%	2-4	\$2,000	2040	* *	5	\$100	
		_	ients, Extent : Ligh	, Area A	ffected : 20%			
	Location	ı : Through	out					
Parapets					_	_		
Masonry: Brick	80%			LIFE	* *	5	\$900	
Masonry: Brick	8%	2-4	\$500	LIFE	* *	5	\$100	
	_	Crumbling 1 : Through	Extent : Light, Are out	a Affecto	ed : 10%			
Pre-Cast Concrete	10%			LIFE	* *	5	\$700	
Pre-Cast Concrete	2%			LIFE	* *	5	\$100	
Roof								
Built-Up (BUR)	30%			2029	* *	10	\$3,100	
2 '	Other Obs	ervation, E	Extent : Moderate, A	rea Affe	ected : 5%			
	Location	ı : Over Sm	all Section On New	Additor	ı			
	Explana	tion : Wood	l Deck					
Modified Bitumen	70%			2029	* *	10	\$7,200	
terior								
Floors								
Cast in Place Concrete	50%	2-4	\$8,300	LIFE	* *	5	\$17,900	
	Cracking/	Crumbling	Extent : Light, Are	a Affecte	ed : 20%			
	Location	ı : Through	out					
Cast in Place Concrete	10%			LIFE	* *	5	\$3,600	
Ceramic Tile	5%			2033	* *	5	\$800	
Quarry Tile	5%			2037	* *	5	\$1,200	
Vinyl Tile	30%	2-4	\$4,100	2024	\$40,900	3	\$1,800	
3			Extent : Light, Are				, ,	
		ı : Through		33				
Interior Walls								
Concrete Masonry Unit	35%			LIFE	* *	5	\$2,600	
Concrete Masonry Unit	10%			LIFE	* *	5	\$700	
Gypsum Board	15%			LIFE	* *	5	\$1,600	
SGFT/Glazed Masonry	40%	Now	\$13,800	LIFE	* *			
•	Cracking/	Crumbling	Extent : Moderate	, Area Aj	ffected : 5%			
	Location	ı : Garage						

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

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

Asset #: 1991

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%			2041	* *	5	\$3,500	
AcousTileSusp.Lay-In	10%	2-4	\$900	2037	* *	5	\$600	
	Cracking/C	Crumbling,	Extent : Light, Are	a Affect	ed : 20%			
	Location	: Through	out					
Exposed Struc: Steel	40%			LIFE	* *			
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	\$1,500	

Electrical	Curren	Current Repair		e Replacement	Maintenance				
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%		2034	* *	5				
		, Extent : Moderate, A	Area Affe	cted : 100%					
	Location : Electr								
	Explanation: Tw	o 400 Amps Main Di	sconnect	Switch					
Switchgear / Switchboard									
Molded Case Bkrs	100%		2034	* *	5	\$300			
Raceway									
Conduit	100%		2034	* *	1				
Panelboards									
Fused Disc Sw	10%		2032	* *	5				
Molded Case Bkrs	90%		2032	* *	5	\$300			
Wiring									
Thermoplastic	100%		2034	* *	1				
Motor Controllers									
Locally Mounted	100%		2029	* *	5	\$100			
Ground									
Grounding Devices									
Generic	100%		LIFE	* *	5	\$200			
Stand-by Power									
Transfer Switches									
Automatic	100%		2029	* *	1	\$3,200			
Lighting									
Interior Lighting									
Fluorescent	5%		2029	* *	10	\$500			
	_	: Moderate, Area Aff	ected : 10	00%					
	Location : Stairw	ay Lobby							
Fluorescent	65%		2024	\$77,300	10	\$6,500			
		Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Throu	ghout The Building							
	Explanation: T-1	12 Lamps							
Fluorescent	30%		2029	* *	10	\$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.

Asset #: 1991

Electrical		Current Re	pair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	40%			2024	\$2,100	1		
Emergency, Battery	20%			2024	\$2,900	10	\$500	
Exit, Service	40%			2024	\$1,200	1		
Exterior Lighting								
HID	100%			2024	\$38,900	10		

Mechanical	Cur	rent Repair	Futur	Future Replacement		aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
l eating							
Energy Source	100-				_	** 400	
Fuel Oil No 2	100%		2034	* *	5	\$3,400	
Conversion Equipment	400-1				_	* * * * * * * * * * * * * * * * * * *	
Hot Water Boiler	100%		2029	**	1	\$5,400	
	Boiler Used Fo Location : Bo	r Hot Water, Extent : L iler Room	ight, Area	Affected : 100%			
	Other Observat	ion, Extent : Light, Are	a Affected	: 100%			
	Location: Bo	iler Room					
	Explanation:	1 Unit					
Distribution							
Hot Wtr Piping/Pump	100% No	w \$1,100	2032	* *	4	\$500	
	Not in Service,	Extent : Severe, Area A	ffected : 1	00%			
	Location: Cir	rculation Pump					
Terminal Devices							
Convector/Radiator	30%		2022	\$30,300	1	\$1,100	
Fan Coil Unit/Heat	70%		2019	\$112,100	1	\$2,500	
ir Conditioning							
Energy Source							
Electricity	100%		2032	* *	1		
Conversion Equipment							
Ext Pkg Unit - Cooling	20% No	w \$200	2024	\$9,900	2	\$100	
-	R-22 Refrigera	nt, Extent : Light, Area	Affected:	20%			
	Location: Roc	pf					
	Other Observat	ion, Extent : Moderate,	Area Affe	cted : 30%			
	Location: Roc	pf					
	Explanation:	Insulation Deterioratin	ıg				
Split Unit	10%		2024	\$4,900			
Window/Wall Unit	40%		2019	\$8,800	1		
No Component	30%						
Terminal Devices							
Fan Coil - Cooling	10%		2024	\$5,800	1	\$400	
No Component	90%					•	
entilation T							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$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.

Mechanical		Current Re	pair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%			2024	\$8,500	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2034	* *	1-2	\$800	

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.014 / 13719 Yr Built/Renovated : 2005 /

Area Sq Ft : 5,753 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Roof, Floors 1

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$2,400		\$16,100	
Interior Architecture	\$500			\$100
Electrical	\$200	\$200	\$200	\$300
Mechanical	\$600	\$500	\$1,800	\$600
Total	\$3,700	\$700	\$18,200	\$1,000
Importance Code A	\$2,700	\$300	\$16,400	\$300
Importance Code B	\$1,000	\$400	\$1,700	\$700
Importance Code C				
Total	\$3,700	\$700	\$18,200	\$1,000



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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14

Asset #: 13719

Architecture	Current Repair	Future	Replacement	M				
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Exterior								
Exterior Walls	T 0.		de de	_	Φ2 000			
Cast in Place Concrete	5%	LIFE	**	5	\$3,800			
	Other Observation, Extent: Light, A Location: East Side	rea Affectea	: 3%					
	Explanation : Stairway To Roof							
Congrete Magoney Unit	85%	LIFE	* *	5	\$8,100			
Concrete Masonry Unit	Efflorescence, Extent : Light, Area A			3	\$6,100			
	Location: Throughout	ijjecieu . 570						
Metal Coiling Doors	10%	2037	* *	5	\$4,800			
Windows	10/0	2031			ψ1,000			
Metal Louvers	100%	2033	* *	10	\$2,500			
Parapets					·			
Cast Stone/Terra Cotta	10%	LIFE	* *	5	\$2,300			
	Other Observation, Extent: Light, A	rea Affected	: 5%					
	Location : Top Of Parapet							
	Explanation: Coping							
Concrete Masonry Unit	90%	LIFE	* *	5	\$3,000			
Roof	0.004	2020	de de	4.0	443 000			
Built-Up (BUR)	80%	2029	**	10	\$12,900			
	Other Observation, Extent: Modera	te, Area Affec	ctea : 100%					
	Location : Throughout Explanation : Stone Ballast							
D.::lk II., (DIID)		2020	* *	10	\$2.200			
Built-Up (BUR)	20% Other Observation Extent: Modera	2029		10	\$3,200			
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout							
	Explanation : Concrete Pavers							
nterior	Expression: Concrete Larens							
Floors								
Cast in Place Concrete	90%	LIFE	* *	5	\$17,000			
Vinyl Tile	10%	2029	* *	3	\$400			
Interior Walls								
Concrete Masonry Unit	92%	LIFE	* *	5	\$2,400			
Concrete Masonry Unit	8%	LIFE	* *	5	\$200			
	Other Observation, Extent : Modera	te, Area Affe	cted : 8%					
	Location : At Train Platform							
G '''	Explanation: 6" X 6" Units							
Ceilings	100/	2027	* *	_	ቀለለላ			
AcousTileSusp.Lay-In	10%	2037	* *	5	\$900			
Exposed Struc: Steel	90%	LIFE	-1- sh					

Electrical	Curren	t Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Fail Dat Total (Years	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Switchgear / Switchboard							
Molded Case Bkrs	100%		2050	* *	5	\$200	

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

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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14

Asset #: 13719

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Jnder 600 Volts				
Raceway				
Conduit	100%	2050 * *	1	
Panelboards				
Fused Disc Sw	5%	2046 * *	5	
Molded Case Bkrs	95%	2046 **	5 \$100	
Wiring				
Thermoplastic	100%	2050 * *	1	
Motor Controllers				
Locally Mounted	100%	2041 **	5	
Stand-by Power				
Transfer Switches				
Automatic	100%	2041 **	1 \$1,800	
ighting				
Interior Lighting				
Fluorescent	95%	2032 **	10 \$5,000	
	Other Observation, Extent: Modera Location: Throughout The Buildi	-		
	Explanation: T-8 Lamps			
Fluorescent	5%	2032 **	10 \$300	
	Other Observation, Extent : Modera Location : Hallways	ate, Area Affected : 100%		
	Explanation: T-5 Lamps			
Egress Lighting				
Emergency, Service	50%	2032 **	1	
Emergency, Battery	10%	2032 **	10 \$100	
Exit, Service	40%	2032 **	1	
Exterior Lighting				
HID	100%	2032 **	10	

Mechanical	Current Repair	Future Re	placement	M		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2044	* *	5	\$1,800	
Conversion Equipment						
Hot Water Boiler	100%	2037	* *	1	\$2,800	
	Other Observation, Extent: Light, A	Area Affected : 100	0%			
	Location: Boiler Room					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2040	* *	4	\$300	
Terminal Devices						
Air Handler	40%	2029	* *	1	\$1,400	
Convector/Radiator	20%	2037	* *	1	\$400	
Unit Heater-Stm/HW	40%	2029	* *	4	\$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.

FIRE DEPARTMENT - 057 FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14

Mechanical	nanical Current Repair		Futur	e Replacement	M			
System Component Type	, , , ,	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2029	* *	2		
	R-22 Refrig Location :		ent : Light, Area A	ffected :	10%			
No Component	90%							
entilation entilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$3,200	
Exhaust Fans								
Roof	100%			2029	* *	2	\$200	
lumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Electric	100%			2022	\$900	4	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
No Component	90%							
Generic	10%			2029	* *	1		
	Other Obse	rvation, E.	xtent : Light, Area	Affected	: 10%			
	Location :	Boiler Ro	oom					
	Explanation	on : For B	oiler Only					
Fixtures								
Generic	100%							

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.012 / 13553 Yr Built/Renovated : 2003 /

Area Sq Ft : 40,857 Project Type : FIRE DEPARTMENT

Date of Survey : 18-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1819 Lot : 40 BIN : 1085911

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$72,000	\$314,500
Interior Architecture		\$124,400
Total	\$72,000	\$438,900
Importance Code A	\$72,000	\$314,500
Importance Code B		\$124,400
Total	\$72,000	\$438,900

Total	\$54,700	\$14,000	\$53,600	\$19,000
Importance Code C		\$500		\$7,100
Importance Code B	\$38,600	\$4,500	\$39,100	\$6,000
Importance Code A	\$16,100	\$9,000	\$14,500	\$5,800
Total	\$54,700	\$14,000	\$53,600	\$19,000
Mechanical	\$300	\$200	\$200	\$400
Electrical	\$5,300	\$4,300	\$38,900	\$5,600
Interior Architecture	\$32,900	\$500		\$7,100
Exterior Architecture	\$16,100	\$9,000	\$14,400	\$5,800
EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020



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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12

Asset #: 13553

Architecture	Current Repair Future Re		e Replacement	eplacement Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	30%			LIFE	* *	5	\$23,100	
Metal Panel	50%			2044	* *	5-10	\$264,100	
Metal Sect. OHD	10%			2037	* *	5	\$24,000	
Window Wall	10%			2044	* *	5	\$28,800	
Windows								
Aluminum	100%			2040	* *	5	\$11,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$5,800	
Masonry: Brick	30%			LIFE	* *	5	\$2,300	
Metal Rail	5%			2037	* *	5-10	\$6,800	
No Component	55%							
Roof								
Metal Panel	80%			2041	* *	10	\$79,000	
Roll Roofing	20%			2023	\$43,400	5	\$18,000	
nterior								
Floors								
Cast in Place Concrete		2-4 Crumbling, 1 : Through	\$28,900 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$124,400	
Ceramic Tile	7%	2-4	\$4,100	2033	* *	5	\$2,100	
Ceranic The	Cracking/		Extent : Light, Are		ed : 10%	3	Ψ2,100	
Interior Walls								
Ceramic Tile	2%			2033	* *	5	\$1,000	
Concrete Masonry Unit	75%			LIFE	* *	5	\$14,300	
Gypsum Board	5%			LIFE	* *	5	\$1,400	
Masonry: Brick	12%			LIFE	* *			
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	a : Streetsco	ipe Mockup On Ma	in Level				
	Explana	tion : Simu	lated Brick Buildin	g Facade	e Mockups			
Metal Coiling Doors	6%			2040	* *	5	\$14,300	
		ervation, E	Extent : Light, Area		: 100%	-	, ,	
			ире Москир					
			uilding Facade Mo	ckups				
Ceilings	- 1			•				
Exposed Struc: Steel	95%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	\$3,800	

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

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.

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12

Asset #: 13553

Electrical	Current Rep	air Futu	re Replacement	Maintenance		
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment				_		
Fused Disc Sw	100%	2044		5	\$200	
	Other Observation, Exter		ected : 100%			
	Location : Electrical Re		. 6 . 1			
	Explanation : One 2000) Amps Main Disconne	ct Switch			
Transformers	1000/	2027	* *	5	¢200	
Dry Type	100%	2037		5	\$200	
	Other Observation, Exter Location : Electrical Re		eciea : 100%			
Switch agan / Switchhaand	Explanation : One 30 K	va 480/27/nv-208iv				
Switchgear / Switchboard Molded Case Bkrs	100%	2044	* *	5	\$1,100	
	100%	2044			\$1,100	
Raceway Conduit	100%	2044	* *	1		
Panelboards	10070	2044		1		
Fused Disc Sw	10%	2040	* *	5	\$100	
Molded Case Bkrs	90%	2040		5	\$1,000	
Motor Controllers	7070	2040			φ1,000	
Locally Mounted	100%	2037	* *	5	\$300	
Stand-by Power	10070	2037			Ψ300	
Transfer Switches						
Automatic	100%	2037	* *	1	\$12,600	
Lighting					, ,	
Interior Lighting						
Fluorescent	90%	2029	* *	10	\$33,700	
	Other Observation, Exter	it : Moderate, Area Afj	ected : 100%			
	Location: Throughout	The Building				
	Explanation: T-8 Lamp	os				
HID	10%	2029	* *	10	\$100	
Egress Lighting						
Emergency, Service	65%	2029	* *	1		
Exit, LED	35%	2039	* *	1		
Exterior Lighting						
HID	100%	2029	* *	10	\$100	
Alarm						
Security System						
No Component	50%					
Generic	50%	2029		1	\$7,600	
	Other Observation, Exter		ected : 100%			
	Location : Security Roc					
	Explanation: Premium	System				
Fire/Smoke Detection						
Generic	100%	2029	* *	1-3	\$25,900	

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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	20%			2044	* *	1		
			Extent : Light, Area	Affected	: 20%			
		n : 1st Floo						
	Explana	tion : Hot \	Water Is Supplied F	rom Adj	acent Building #11	!		
No Component	80%							
Distribution								
Hot Wtr Piping/Pump	20%			2040	* *	4	\$400	
			Extent : Light, Area	Affected	: 20%			
		n : 1st Floo						
	Explana	tion : Hot \	Water From Adjace	nt Buildi	ng #11			
No Component	80%							
Terminal Devices								
Convector/Radiator	15%			2037	* *	1	\$2,000	
		servation, E n : Ground	Extent : Light, Area Level	Affected	: 15%			
	Explana	tion : Radio	ant Heating Pipes I	n Floor				
Unit Heater-Stm/HW	5%		<u> </u>	2029	* *	4	\$300	
No Component	80%					•	φ200	
Ventilation								
Exhaust Fans								
Roof	20%			2029	* *	2	\$300	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		
No Component	80%							
Water Heater								
Electric	20%			2022	\$1,200	4	\$100	
No Component	80%							
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

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

Page: 417

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY TRAINING TOWER # 1

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 5,400 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Basement, Roof, Floors 1,3,5

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		\$44,300
Total		\$44,300
Importance Code B		\$44,300
Total		\$44,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$11,400			\$200
Interior Architecture	\$23,700			
Electrical		\$100	\$5,200	
Mechanical	\$11,000	\$200	\$800	\$300
Total	\$46,100	\$300	\$6,000	\$500
Importance Code A	\$11,400	\$100		\$300
Importance Code B	\$24,500	\$200	\$6,000	\$200
Importance Code C	\$10,200			
Total	\$46,100	\$300	\$6,000	\$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.

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Asset #: 1988

	Current	rrent Repair		Future Replacement		Maintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
= 00/				de de	_	Φ2 100	
	2.4	ΦΩ ΩΩΩ					
					5	\$3,100	
_	_	_	а Ајјеси	ea : 10%			
		' /			5	\$400	
	-	_	t, Area A	ffected : 5%			
Location	i : Through	out					
25%			LIEE	* *	5	\$700	
	<i>1</i> ±	\$400		* *			
				ed · 10%	3	\$000	
_	_	_	м пуреси	eu . 1070			
25%			LIFE	* *	5	\$100	
25%	2-4	\$400	LIFE	* *	5	\$100	
_	_	_	ea Affecto	ed : 10%			
		Oui	2044	* *		\$100	
Broken/M	issing Elen	_			3	\$100	
2%			2050	* *	10	\$200	
98%			2032	* *	10	\$4,300	
95%	2-4	\$4 100	LIFE	* *	5	\$17,500	
Cracking/	Crumbling,	Extent : Light, Are		ed : 10%	3	Ψ17,300	
5%			2044	* *	1		
Cracking/	Crumbling,		LIFE ea Affecte	** ed : 10%	5	\$3,800	
_	4+ Crumbling a: Through	_	LIFE ea Affecte	* * ed : 5%	5	\$900	
	Total 50% 50% Cracking/ Location 25% 20% Cracking/ Location 25% Cracking/ Location 5% Broken/M Location 2% 98% Cracking/ Location 5% Cracking/ Location 100% Cracking/ Location 100% Cracking/ Cracking/ Cracking/ Cracking/ Cracking/ Cracking/ Cracking/ Cracking/ Cracking/	50% 50% 50% 2-4 Cracking/Crumbling, Location: Through 100% 2-4 Broken/Missing Elen Location: Through 25% 20% 4+ Cracking/Crumbling, Location: Through 25% 25% 25% 2-4 Cracking/Crumbling, Location: Through 5% 2-4 Broken/Missing Elen Location: Through 5% 2-4 Cracking/Crumbling, Location: Through 5% 2-4 Cracking/Crumbling, Location: Through 2% 98%	50% 50% 50% 2-4 \$9,000 Cracking/Crumbling, Extent: Light, Are Location: Throughout 100% 2-4 \$1,600 Broken/Missing Elements, Extent: Light Location: Throughout 25% 20% 4+ \$400 Cracking/Crumbling, Extent: Light, Are Location: Throughout 25% 25% 25% 2-4 \$400 Cracking/Crumbling, Extent: Light, Are Location: Throughout 5% 2-4 Broken/Missing Elements, Extent: Light, Are Location: Throughout 5% 2-4 Broken/Missing Elements, Extent: Light, Are Location: Throughout 5% 98% 95% 2-4 \$4,100 Cracking/Crumbling, Extent: Light, Are Location: Throughout 5% 100% 2-4 \$10,200 Cracking/Crumbling, Extent: Light, Are Location: Throughout 100% 4+ \$9,400 Cracking/Crumbling, Extent: Light, Are Location: Throughout	Sof Fail Date Estimated Cost Total Years	Not Fail Date Estimated Cost FY Estimated Cost FY	No of Fail Date Estimated Cost Year Estimated Cost Cycle Total (Years) FY Estimated Cost Cycle Total (Years) FY Estimated Cost Cycle Cyracking/Crumbling. Extent : Light, Area Affected : 10% Location : Throughout Light, Area Affected : 10% Location : Throughout Life ** 5	No of Fail Date Estimated Cost Fy Estimated Cost Cycle (Yrs)

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
Under 600 Volts Raceway						
Conduit	100%	2024	\$13,600	1		

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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Asset #: 1988

Electrical	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Panelboards						
Molded Case Bkrs	100%	2023	\$21,900	5	\$100	
Wiring						
Thermoplastic	100%	2024	\$18,100	1		
Motor Controllers						
Locally Mounted	100%	2022	\$44,300	5		
Lighting						
Interior Lighting						
Fluorescent	20%	2029	* *	10	\$1,000	
	Other Observation, Extent: I Location: First Floor And Explanation: T-8 Lamps	. 55	cted : 100%			
Fluorescent	80%	2029	* *	10	\$4,100	
	Other Observation, Extent: 1	Moderate, Area Affe	cted : 100%			
	Location: Throughout					
	Explanation: Using Compa	act Flourescent Lam	ps			
Exterior Lighting						
HID	100%	2029	* *	10		

Mechanical	Current Repair	Future Re	placement	Ma	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Electricity	20%	2044	* *	1		
No Component	80%					
Conversion Equipment						
Radiant Heater	20%	2024	\$4,800	2	\$500	
No Component	80%					
Ventilation						
Exhaust Fans						
Wall Unit	100%	2024	\$8,300	2	\$200	
	Other Observation, Extent: L Location: Basement Explanation: Fan In Basem					
Plumbing	Ziop vantament i T uit Int Zuisen.	om 10 Itemo / c 1/Itemome				
H/C Water Piping						
Galv Iron/Steel	10%	2037	* *	1		
	Other Observation, Extent : L	ight, Area Affected : 109	%			
	Location: B, 1-5					
	Explanation : Standpipe On	ly				
No Component	90%					

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

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

Page: 420

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Mechanical	Current Rep	oair Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Est	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
	Other Observation, Exte	nt : Light, Area Affected	: 10%			
	Location: 1-5					
	Explanation: Roof Dra	ains Only				
Sump Pump(s)						
Rigid Piping	100% Now	\$10,800 2034	* *	4	\$1,600	
	Not in Service, Extent : 1	Light, Area Affected : 10	0%			
	Location: Basement					
Fire Suppression						
Standpipe						
Generic	100%	2044	* *	1-5	\$2,900	

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 14,800 Project Type : FIRE DEPARTMENT

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

Areas Surveyed : Roof, Floors 1,2

Block : 1819 Lot : 40 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$160,300	
Electrical		\$128,600
Total	\$160,300	\$128,600
Importance Code A	\$160,300	
Importance Code B		\$128,600
Total	\$160,300	\$128,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$6,100		\$25,100	\$400
Interior Architecture	\$19,700	\$700		\$1,000
Electrical	\$2,400	\$3,800	\$7,100	\$2,200
Mechanical	\$4,300	\$1,300	\$6,100	\$1,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$36,500	\$9,700	\$42,200	\$9,200
Importance Code A	\$6,900	\$800	\$25,900	\$1,200
Importance Code B	\$29,000	\$8,800	\$16,300	\$8,000
Importance Code C	\$600	\$100		
Total	\$36,500	\$9,700	\$42,200	\$9,200



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

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

Asset #: 1990

rchitecture		Current I	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
kterior								
Exterior Walls	4.50/	2.4	Φ70.000	LIEE	* *	~	Φ Q 4 100	
Masonry: Brick	_	2-4 Crumbling, : Through	\$70,900 Extent : Light, Argout	LIFE ea Affecte		5	\$24,100	
Masonry: Brick	20%			LIFE	* *	5	\$10,700	
Metal Sect. OHD	30%			2029	* *	5	\$50,100	
Metal Sect. OHD	5%			2041	* *	5	\$8,400	
Windows								
Aluminum	90%			2040	* *	5	\$800	
Aluminum	10%			2040	* *	5	\$100	
Parapets								
Pre-Cast Concrete	10%			LIFE	* *	5	\$1,800	
	Other Obs	ervation, E	Extent : Moderate, 1	Area Affe	ected : 100%			
	Location	: Through	out					
	Explanat	ion: Low	Wall Coping					
No Component	90%							
Roof								
Built-Up (BUR)	25%	2-4	\$1,700	2029	* *			
	Location	ervation, E : Through tion : Stone		Area Affe	ected : 100%			
Roll Roofing	75%	0-2	\$4,500	2020	\$89,400	5	\$18,500	
Kon Kooning	Gut/DS No Location Miss/Dam	on Func/Ma : Through	iss, Extent : Severe out nings, Extent : Mod	, Area A <u>f</u>	fected : 70%	3	\$10,500	
terior	Locuiton	· Through						
Floors								
Cast in Place Concrete	40%	Now	\$4,800	LIFE	* *	5	\$20,700	
		_	Extent : Light, Ar	ea Affecte	ed : 10%		, ,	
	Location	: Through	out					
Cast in Place Concrete	20%			LIFE	* *	5	\$10,400	
Ceramic Tile	5%			2033	* *	5	\$1,200	
Vinyl Tile	35%	Now	\$13,800	2029	* *	3	\$3,100	
		_	ients, Extent : Seve Floor Office, Corri					
Interior Walls	Location	. secona I	toor Office, Corri	uoi Ana i	Juli			
Ceramic Tile	5%			2033	* *	5	\$200	
Concrete Masonry Unit	55%			LIFE	* *	5 5	\$200 \$900	
Concrete Masonry Unit	20%			LIFE	* *	<i>5</i>	\$300	
SGFT/Glazed Masonry	20%	0-2	\$600	LIFE	* *	3	\$300	
501 1/Glazed Wasollly			Extent : Moderate					
	Location	_		,	U 22124 . 270			

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

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

Asset #: 1990

Architecture		Current R	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
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	0-2	\$600	2029	* *	5	\$1,800	
	Water Pene	etration, Ex	xtent : Moderate, A	Area Affe	cted : 5%			
	Location	: Room 20.	2					
AcousTileSusp.Lay-In	5%			2041	* *	5	\$1,200	
Exposed Struc: Steel	50%			LIFE	* *			
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	\$3,000	

Electrical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment				_		
Fused Disc Sw	50%	2044	* *	5		
	Other Observation, Extent : Moderate,	Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation: One 1200 Amps Main		t Switch			
Fused Disc Sw	50%	2044	* *	5		
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation: One 1200 Amps Main	Disconnec	t Switch For Emer	gency		
Switchgear / Switchboard						
Fused Disc Sw	50%	2024	\$39,600	5		
Fused Disc Sw	50%	2044	* *	5		
Raceway						
Conduit	80%	2024	\$17,300	1		
Conduit	20%	2044	* *	1		
Panelboards						
Fused Disc Sw	10%	2023	\$2,900	5		
Molded Case Bkrs	80%	2023	\$23,400	5	\$300	
Molded Case Bkrs	10%	2040	* *	5		
Wiring						
Thermoplastic	80%	2024	\$19,000	1		
Thermoplastic	20%	2044	* *	1		
Motor Controllers						
Locally Mounted	20%	2022	\$8,900	5		
Locally Mounted	80%	2029	* *	5	\$100	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	
Stand-by Power						
Transfer Switches						
Automatic	100%	2037	* *	1	\$4,600	

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

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

Asset #: 1990

Electrical	Current Repai	ir Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
Stand-by Power						
Generators						
Diesel	100%	2033	* *	1	\$5,700	
	Other Observation, Extent		eted : 100%			
	Location : Outside - Nea	o .				
	Explanation : One 425 K	Kva - Supplies Emergen	cy Power To Build	lings # 6	, 7, 8, 10 & 14	
Batteries						
Lead/Acid	100%	2018	\$1,500	5	\$500	
Fuel Storage						
Main Tank	100%	2052	* *	5	\$500	
	Other Observation, Extent Location : Generator Ar Explanation : One 700 C	ea				
Lighting						
Interior Lighting						
Fluorescent	35%	2029	* *	10	\$5,100	
	Other Observation, Extent	: Moderate, Area Affec	cted : 100%			
	Location : Offices					
	Explanation: T-8 Lamps					
HID	65%	2024	\$80,100	10	\$300	
Egress Lighting						
Emergency, Service	60%	2029	* *	1		
Exit, Service	40%	2029	* *	1		
Exterior Lighting						
HID	100%	2029	* *	10		
Alarm						
Fire/Smoke Detection						
Generic	100%	2029	* *	1-3	\$9,400	

lechanical	Current Repair	Future Re	eplacement	Ma	aintenance	
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Fuel Oil No 2	100%	2034	* *	5	\$4,900	
Conversion Equipment						
Furnace	20%	2024	\$3,800	1	\$1,600	
	Other Observation, Extent: Light, Location: Roof Explanation: 1 Unit	Area Affected: 20	0%			
Hot Water Boiler	80%	2037	* *	1	\$6,300	
	Other Observation, Extent : Light,	Area Affected: 80	0%			
	Location : 1st Floor Boiler Room	n				
	Explanation : 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2032	* *	4	\$800	

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

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

Asset #: 1990

Mechanical	Current Repa	Current Repair Future Re		M	Maintenance	
System Component Type	% of Fail Date Esti	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating	<u> </u>	<u> </u>				ı
Terminal Devices						
Convector/Radiator	50%	2029	* *	1	\$2,600	
Unit Heater-Stm/HW	50%	2029	* *	4	\$1,100	
Air Conditioning						
Energy Source						
Electricity	100%	2040	* *	1		
Conversion Equipment						
Ext Pkg Unit - Cooling	20% Now	\$2,900 2024	\$14,300	2	\$200	
	Not in Service, Extent : Se	==				
	Location: 1 Of 2 Units (
	R-22 Refrigerant, Extent:		20%			
	Location: 3 Units On Ro	oof				
No Component	80%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$8,800	
Exhaust Fans						
Roof	85%	2024	\$10,400	2	\$400	
Wall Unit	15%	2024	\$3,500	2	\$100	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2044	* *	1		
Water Heater	# 0		44.500			
Electric	50%	2019	\$1,200	4		
Electric	50%	2023	\$1,200	4		
Sanitary Piping	1000/	LIEE	* *			
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	1000/	LIEE	* *	1		
Cast Iron	100%	LIFE	. T	1		
Backflow Preventer	000/					
No Component	90%	2020	* *	1	¢100	
Generic	10% Other Observation, Extent	2029		1	\$100	
	Location: Boiler Room	. Ligiii, Area Ajjeciea	. 10/0			
	Explanation : For Boiler	· Only				
Fixtures	Блрининон . Гот вошет	Omy				
Generic	100%					
Fire Suppression	10070					
Sprinkler						
No Component	80%					
Generic	20%	2034	* *	1-2	\$900	

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

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Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1

Address : 247-53 LAFAYETTE STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0002.000 / 2011 Yr Built/Renovated : 1972 /

Area Sq Ft : 32,646 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Mar-2012 Landmark Status : NONE

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

Block : 495 Lot : 7 BIN : 1007523

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$150,900	\$42,700
Interior Architecture	\$35,600	
Electrical	\$71,500	\$1,044,900
Mechanical	\$38,000	\$193,900
Total	\$295,900	\$1,281,500
Importance Code A	\$150,900	\$42,700
Importance Code B	\$145,100	\$1,238,800
Total	\$295,900	\$1,281,500

500 \$21,200 \$17,30	•	\$173,100		otal
500			С	mportance Code C
00 \$19,800 \$15,90	\$	\$119,200	В	mportance Code B
\$1,400 \$1,400		\$53,900	A	mportance Code A
00 \$21,200 \$17,300	\$.	\$173,100	\$	otal
00 \$3,900 \$3,900		\$3,900	tors	levators/Escalators
9,600 \$8,700	\$	\$43,900		I echanical
00 \$4,100 \$4,700		\$49,900		lectrical
00 \$3,500	\$	\$22,800	ture	nterior Architecture
		\$52,400	cture	xterior Architectur
18 FY 2019 FY 2020	F)	FY 2017		XPENSE
ł	E,	FY 2017		YPENSE



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

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

Asset #: 2011

Architecture		Current	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior	•			•				•
Exterior Walls								
Cast in Place Concrete	3%	Now	\$8,100	LIFE	* *	5	\$7,400	
	_	_	, Extent : Light, Are	ea Affect	ed : 10%			
			verhead Doors					
			, Extent : Moderate	e, Area A	ffected : 10%			
	Location	ı : Above O	verhead Doors					
Masonry: Brick	87%			LIFE	* *	5	\$42,700	
Metal Sect. OHD	10%			2036	* *	5	\$15,300	
Windows								
Aluminum	95%		\$25,200	2031	* *	5	\$6,200	
			ct, Extent : Modera	ite, Area	Affected: 30%			
		: Through	out					
Steel	5%			2022	\$33,100	5	\$8,100	
			Extent : Moderate,	Area Af	fected : 25%			
	Location	i : Stairs						
Parapets								
Masonry: Brick	95%			LIFE	* *	5	\$4,700	
Pre-Cast Concrete	5%			LIFE	* *	5	\$1,600	
Roof								
Asphalt Shingle	2%			2026	\$1,800	10	\$100	
Modified Bitumen	98%	Now	\$15,100	2018	\$150,900			
			derate, Area Affect	ed : 10%	•			
		ı : Over Fo						
			Extent : Moderate, A		ected : 10%			
	Location	ı : Over Fii	re Marshals Locker	Room				
terior								
Floors	1.007			2022	Φ.5.25.0.0	2	Φ.C. 100	
Carpet	10%	N.T.	#21 000	2022	\$53,500 * *	3	\$6,400	
Cast in Place Concrete	25%	Now	\$21,800 Extent : Moderate,	LIFE		5	\$23,500	
	_		, Extent : Moaerate Apparatus Floor	e, Area A	jjeciea : 10%			
			Apparaius Fioor 2nt : Moderate, Are	a Affaat	A . 100/			
		irjace, Exie i : Apparat		и Ајјесте	ea . 10%			
		і . Аррагаі	us Fioor		de de		** 100	
Ceramic Tile	5%			2032	* *	5	\$2,100	
Terrazzo	2%			LIFE		5	\$700	
Vinyl Tile	10%			2018	\$35,600	3	\$1,600	
Vinyl Tile	26%			2028	* *	3	\$4,200	
Vinyl Tile	20%		Entont . I : - 1.4 A	2033		3	\$3,200	
		nstruction, 1 : 2nd Floo	Extent : Light, Are or	ea Affecte	ea : 100%			
Wood	2%			2063	* *	5	\$1,600	
		stallation, I	Extent : Light, Area		l : 100%		, ,-,-	
		: 2nd Floo	_					

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

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

Asset #: 2011

rchitecture	Current Repair	Future Replac	Future Replacement		Maintenance				
system Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimat	ted Cost	Cycle (Yrs)	Estimated Cost	Priority			
terior									
Interior Walls									
Ceramic Tile	2%	2038	* *	5	\$1,100				
	Recent Construction, Extent: Lig	ht, Area Affected : 100%	ó						
	Location: 2nd Floor								
Concrete Masonry Unit	10%	LIFE	* *	5	\$2,200				
	Diagonal Cracks, Extent: Light, A	Area Affected : 1%							
	Location: Parking Garage								
	Vertical Cracks, Extent: Light, A.	rea Affected : 1%							
	Location : Cellar								
Gypsum Board	20%	LIFE	* *	5	\$6,500				
	Recent Construction, Extent: Liga	ht, Area Affected : 40%							
	Location : 2nd Floor								
Plaster	48%	LIFE	* *	5	\$7,700				
SGFT/Glazed Masonry	20%	LIFE	* *						
Ceilings									
AcousTileConcealSpLn	35%	2028	* *	5	\$18,800				
	Water Penetration, Extent: Light, Area Affected: 5%								
	Location : Locker Room In Fire	Marshals Area; 3rd Flo	or Ceilin	g					
AcousTileSusp.Lay-In	5%	2036	* *	5	\$2,100				
AcousTileSusp.Lay-In	15%	2043	* *	5	\$6,400				
	Recent Construction, Extent: Light, Area Affected: 100%								
	Location: 2nd Floor								
Exposed Concrete	20%	LIFE	* *	5	\$1,300				
	Cracking/Crumbling, Extent: Lig	ht, Area Affected : 1%							
	Location : Stair 3 At Cellar								
Plaster	25%	LIFE	* *	5	\$6,700				
	Water Penetration, Extent: Light,	Area Affected : 5%							
	Location : Dormitory In Fire M	arshals Area; 2nd Floor	Locker I	Room					

lectrical	Current Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2023	\$20,300	5	\$900	
	Other Observation, Extent : Light, A	rea Affected	: 100%			
	Location: Basement Main Electric	al Room				
	Explanation: 3,000 Amp					
Switchgear / Switchboard						
Molded Case Bkrs	100%	2023	\$119,300	5	\$900	
Raceway						
Conduit	20%	2033	* *	1		
Conduit	80%	2023	\$46,300	1		

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

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

Asset #: 2011

Electrical		Current I	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
Under 600 Volts								1	
Panelboards									
Molded Case Bkrs	80%			2022	\$46,700	5	\$700		
Molded Case Bkrs	20%			2031	* *	5	\$200		
Wiring									
Thermoplastic	20%			2033	* *	1			
Thermoplastic	80%			2023	\$63,500	1			
Motor Controllers									
Locally Mounted	100%			2021	\$28,800	5	\$200		
Ground									
Grounding Devices									
Generic	100%	0-2	\$9,300	LIFE	* *	5	\$500		
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	cted : 100%				
	Location	ı : Basemer	ıt						
	Explana	tion : Corr	oded And Connecte	d To Ma	in Water Pipe.				
Stand-by Power									
Transfer Switches									
Automatic	100%			2021	\$8,700	1	\$10,000		
	Other Obs	servation, E	Extent : Light, Area	Affected	: 100%				
	Location	ı : Basemer	ıt Main Electrical I	Room					
	Explana	tion : 3 Pol	le, 100 Amp						
Generators									
Diesel	100%			2019	\$71,500	1	\$12,600		
			Extent : Light, Area	Affected	: 100%				
	Location	ı : Generat	or Room						
	Explana	tion : 30 K	w, 37.5 Kva						
Batteries									
Lead/Acid	100%			2017	\$1,500	5	\$1,200		
Fuel Storage									
Day Tank	20%			2022	\$400	5	\$1,100		
	Other Obs	servation, E	Extent : Light, Area	Affected	: 100%				
	Location: Emergency Generator Room								
	Explana	tion : 250 (Gallon Stand- Alone	e Day Ta	nk				
Main Tank	80%			2026	\$2,700	5	\$700		
	Other Obs	servation, E	Extent : Light, Area	Affected					
		ı : Undergr	_						
	Explana	tion : 1,000) Gallon						
Lighting	· I	,							

Lighting

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

Asset #: 2011

Electrical	Current Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Lighting							
Interior Lighting							
Fluorescent	30%	2023	\$106,200	10	\$7,900		
	T-12 Lamps, Extent: Light, A		ó .				
	Location : Throughout The	Building					
Fluorescent	8% Now	\$28,300 2033	* *				
	T-8 Lamps, Extent: Light, A	rea Affected : 100%					
	Location : Basement						
	Other Observation, Extent:	Severe, Area Affecte	d : 100%				
	Location: Basement						
	Explanation: Burnt Out						
Fluorescent	60%	2023	\$212,300	10	\$15,800		
	T-8 Lamps, Extent: Light, A.	rea Affected : 100%					
	Location : Throughout The	Building					
Incandescent	2%	2023	\$7,100	2			
Egress Lighting							
Emergency, Service	50%	2028	* *	1			
	Other Observation, Extent : Location : Throughout	Light, Area Affected	: 100%				
	Explanation : Emergency L	Lighting From Gener	rator				
Exit, Service	50% Now	\$4,700 2033	* *	1			
	Not Functioning, Extent: Me	oderate, Area Affecte	ed : 100%				
	Location: Throughout The	Building					
Exterior Lighting							
HID	100%	2023	\$120,400	10	\$100		
	Other Observation, Extent : Light, Area Affected : 100%						
	Location : Facade						
	Explanation: Downlights,	Controlled Via Swite	ch				
Alarm							
Fire/Smoke Detection							
Generic	100%	2023	\$330,200	1-3	\$20,700		

Mechanical	Current Repair	Futu	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
leating						
Energy Source						
Natural Gas	100%	2043	* *	1		
Conversion Equipment						
Hot Water Boiler	85%	2036	* *	1	\$12,000	
Hot Water Boiler	15%	2043	* *	1	\$2,100	
	Recent Installation, Extent: Light, Area	a Affected	l : 100%			
	Location: 2nd Floor Division 1					

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

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

Asset #: 2011

Mechanical		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	85%			2031	* *	4	\$1,200	
Hot Wtr Piping/Pump	15%			2048	* *	4	\$200	
			Extent : Light, Area or Division 1	Affected	: 100%			
Terminal Devices								
Convector/Radiator	75%			2028	* *	1	\$6,900	
Convector/Radiator	15%	. 11	7	2043	* *	1	\$1,400	
			Extent : Light, Area or Division 1	Affected	: 100%			
Fan Coil Unit/Heat	10%			2023	\$41,900	1	\$900	
ir Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating	75%	2-4	\$21,400	2023	\$71,200	1	\$9,000	
Compr/Chiller	0.1 01			4 4 66	. 1 4007			
			Extent : Moderate, A	Area Affe	cted : 40%			
	Location	J						
		tion : Agea	Equipment / Chille					
Window/Wall Unit	5%			2021	\$2,900	1		
No Component	20%							
Distribution	1000/		47.700	2022	de de		4.400	
Chilled Wtr Pipe/Pump	100%	Now	\$5,500	2033	* *	4	\$1,400	
		_	Extent : Severe, Ar	ea Affect	ed: 20%			
	Location	: Mecnani	cal Room On Roof					
Terminal Devices	0.50/			2022	ΦΩΩ ΩΩΩ		Φ15 100	
Air Handler/Cool/Ht	85%			2023	\$80,800 * *	1	\$15,100	
Fan Coil - Cooling	15%	amuntian I	Extent : Light, Area	2033		1	\$1,400	
			xieni : Ligni, Area or Division 1	Ајјестеа	: 100%			
	Locuiton	. Zna Fio	n Division 1					
	Englass as	ina . Man	In at all ation					
Hoot Poinction	Explana	ion : New	Installation					
Heat Rejection		ion : New	Installation	2019	\$38,000	2	\$17,000	
Air Condenser Unit	85%	ion : New	Installation	2018	\$38,000	2	\$17,000 \$3,000	
	85% 15%			2033	* *	2 2	\$17,000 \$3,000	
Air Condenser Unit	85% 15% Recent Ins	tallation, I	Extent : Light, Area	2033	* *			
Air Condenser Unit Evap Condenser	85% 15% Recent Ins		Extent : Light, Area	2033	* *			
Air Condenser Unit Evap Condenser Ventilation	85% 15% Recent Ins	tallation, I	Extent : Light, Area	2033	* *			
Air Condenser Unit Evap Condenser Ventilation Distribution	85% 15% Recent Ins Location	tallation, 1 : Lower R	Extent : Light, Area oof	2033 Affected	* *	2	\$3,000	
Air Condenser Unit Evap Condenser Ventilation	85% 15% Recent Ins Location	tallation, 1 : Lower R	Extent : Light, Area pof \$12,100	2033 Affected	**: 100%			
Air Condenser Unit Evap Condenser Ventilation Distribution	85% 15% Recent Ins Location 100% Insul. Dete	tallation, I : Lower Ro Now Priorating,	Extent : Light, Area oof	2033 Affected	**: 100%	2	\$3,000	
Air Condenser Unit Evap Condenser Ventilation Distribution Ductwork/Diffusers	85% 15% Recent Ins Location 100% Insul. Dete	tallation, I : Lower Ro Now Priorating,	Extent : Light, Area oof \$12,100 Extent : Severe, Ar	2033 Affected	**: 100%	2	\$3,000	
Air Condenser Unit Evap Condenser Ventilation Distribution	85% 15% Recent Ins Location 100% Insul. Dete	tallation, I : Lower Ro Now Priorating,	Extent : Light, Area oof \$12,100 Extent : Severe, Ar	2033 Affected	**: 100%	2	\$3,000	

Plumbing

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

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

Mechanical	Current Repair	Future	Replacement	ent Maintenance			
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Plumbing							
H/C Water Piping							
Brass/Copper	100%	2043	* *	1			
Water Heater							
Gas Fired	100%	2018	\$6,500	2	\$400		
	Other Observation, Extent : Ligi	ht, Area Affected :	100%				
	Location: Basement						
	Explanation : 2 - 80 Gallon Un	ıits					
Sanitary Piping							
Cast Iron	100%	LIFE	* *	1			
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1			
Sump Pump(s)							
Rigid Piping	100%	2023	\$10,800	4	\$1,600		
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Geared Traction	100%	LIFE	* *				
	Other Observation, Extent: Light		100%				
	Location: Basement To 4th Fl	oor					
	Explanation: 1 - Unit						
Fire Suppression							
Sprinkler							
No Component	80%						
Generic	20%	2043	* *	1-2	\$1,600		
	Other Observation, Extent : Ligi	ht, Area Affected :	100%				
	Location: Garage						
	Explanation : Serves Garage A	and Basement Leve	el Only				

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.

Address : 107 DUANE AVENUE

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 12,404 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Floors 1,2

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$66,800	\$66,800
Interior Architecture	\$40,100	
Electrical		\$69,200
Total	\$107,000	\$136,100
Importance Code A	\$66,800	\$66,800
Importance Code B	\$40,100	\$69,200
Total	\$107,000	\$136,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$11,900		\$5,800	
Interior Architecture	\$75,100	\$7,600	\$23,700	\$2,400
Electrical	\$14,100			
Mechanical	\$30,200	\$1,700	\$5,700	\$2,000
Total	\$131,300	\$9,400	\$35,200	\$4,400
Importance Code A	\$13,100	\$1,200	\$7,000	\$1,200
Importance Code B	\$72,800	\$8,200	\$28,200	\$800
Importance Code C	\$45,300			\$2,400
Total	\$131,300	\$9,400	\$35,200	\$4,400



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

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

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.

Asset #: 13738

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Exterior					
Exterior Walls					
Masonry: Brick	87% Diagonal Cracks, Extent: Light, Area A. Location: Attached Storage Shed Efflorescence, Extent: Light, Area Affect Location: Various Locations Staining/Discoloring, Extent: Light, Area Location: Various Locations	eted: 25%	5	\$133,700	
Masonry: Granite	5%	LIFE **	5	\$5,800	
Masonry: Limestone	5% Now \$9,000	LIFE **		\$2,900	
. Zamostolie	Broken/Missing Elements, Extent: Seve Location: Above Pull-up Door In Rea Loose/Delam Surface, Extent: Moderate Location: Throughout Staining/Discoloring, Extent: Moderate Location: Throughout	re, Area Affected : 5% r e, Area Affected : 5%	J	Ψ2,700	
Metal Sect. OHD	3%	2031 **	5	\$7,200	
Windows					
Aluminum	100%	2034 **	5	\$11,600	
Roof Asphalt Shingle	100% Other Observation, Extent : Light, Area Location : Throughout Explanation : Asphalt Shingles Are De		10	\$9,000 Vate	
nterior					
Floors					
Cast in Place Concrete	20%	LIFE **	5	\$53,500	
Mosaic Tile	10%	2043 **	5	\$15,300	
Vinyl Tile	70%	2031 **	3	\$16,100	
Interior Walls					
Cast in Place Concrete	5%	LIFE **	10	\$5,900	
Cast Stone/Terra Cotta	5%	LIFE **	10	\$8,900	
Ceramic Tile	10%	2035 * *	5	\$4,800	
	Broken/Missing Elements, Extent: Light Location: Toilets	t, Area Affected : 5%			
	50%	LIFE **	5-10	\$40,400	
Gypsum Board					
Gypsum Board Masonry: Brick		LIFE **	10	\$4,300	
Masonry: Brick	30%	LIFE **	10	\$4,300	
Masonry: Brick Ceilings	30%	LIIL	10	·	
Masonry: Brick		LIIL	5	\$4,300 \$36,700 \$63,100	

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

Under 600 Volts

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

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

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

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.

Asset #: 13738

Electrical	Current Repair	Future Re	eplacement	Maintenance		
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment Not Accessible	100%					
Raceway						
Conduit	100%	2036	* *	1		
Panelboards	1000/	20.42	de de	_	#200	
Molded Case Bkrs	100%	2042	**	5	\$300	
	Recent Installation, Extent : La Location : Recently Installed			d Floors		
Wiring Thermoplastic	100%	2046	* *	1		
Motor Controllers	10070	2040		1		
Locally Mounted	100%	2031	* *	5	\$100	
Ground	10070	2031			Ψ100	
Grounding Devices						
Generic	100%	LIFE	* *	5	\$400	
	Other Observation, Extent : Li	ght, Area Affected : 10	00%		7.00	
	Location: Basement					
	Explanation : Grounding De	vice				
Lighting						
Interior Lighting						
Fluorescent	100%	2026	\$69,200	10	\$11,400	
	T-12 Lamps, Extent: Light, Ar	ea Affected : 100%				
	Location : Throughout					
Egress Lighting						
Emergency, Battery	50%	2026	\$8,900	10	\$1,500	
Exit, Battery	50%	2026	\$6,100	10	\$400	
Exterior Lighting			** * * * * * * * * * * * * * * * * * *			
HID	50%	2026	\$25,000	10		
	Other Observation, Extent : Li	ght, Area Affected : 10	00%			
	Location: Exterior	DI . II				
	Explanation: Controlled Via	Photocell				
No Component	50%					
Alarm						
Fire/Smoke Detection	000/					
No Component	90%	12.700 2026	* *			
Generic, Analog	10% 4+ \$ Devices Missing, Extent: Light	13,700 2036				
	Location: Throughout	и, Атей Ајјества : 100%	~ O			
-	Location . Infoughout					

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

Heating

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

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

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

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.

Asset #: 13738

Mechanical	Current Repair		Replacement	M				
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Heating								
Energy Source Fuel Oil	100% Other Observation, Extent . Location : Basement	2046 : Light, Area Affected :	* * 100%	5	\$3,800			
	Explanation: Two 275 G	allon Tanks						
Conversion Equipment Steam Boiler	100% On Extended Life, Extent :		* * d : 100%	1	\$12,300			
	Location : Basement Mec Recent Repair Evident, Ext Location : Basement	ent : Light, Area Affecte						
	Other Observation, Extent . Location: Basement Mec Explanation: One Oil Fin	hanical Room	100%					
Distribution								
Steam Piping/Pump	100%	2036	* *	4	\$600			
Terminal Devices Convector/Radiator	100%	2031	* *	1	\$4,000			
Air Conditioning								
Energy Source	1000/	2042	* *	1				
Electricity	100%	2042	4. 4.	1				
Conversion Equipment Split Unit	100% 2-4	\$24,500 2034	**					
	Other Observation, Extent: Moderate, Area Affected: 80%							
	Location : 1st And 2nd Fl Explanation : 2 Units On		orly Installed					
Distribution	Explanation . 2 Onlis On	Еменией Еще Т Опи Го	orty msianea					
Ductwork/Diffusers	100%	LIFE	* *	2	\$20,200			
Ventilation								
Exhaust Fans Interior	100%	2026	\$14,700	2	\$400			
Plumbing	100%	2020	\$14,700		\$400			
H/C Water Piping								
Galv Iron/Steel	100%	2039	* *	1				
Water Heater Oil Fired	100%	2021	\$4,100	1	\$400			
0111100	Other Observation, Extent	: Light, Area Affected :			ψ 100			
	Location: Basement Mec							
Einturas	Explanation : Indirect Ho	ı water neater						
Fixtures Generic	100%							

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

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

Page: 437

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 318 GENERAL STORAGE

Address : 318 MURRAY AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.318 / 13761 Yr Built/Renovated : 1926 /

Area Sq Ft : 12,966 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Roof, Floors 1

Block : 5917 Lot : 1 BIN :

CAPITAL

Total

Importance Code

Total

EXPENSE

Total

Importance Code

Total



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

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

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 318 GENERAL STORAGE

Asset #: 13761

Architecture	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority	
Exterior					
Exterior Walls					
Not Accessible	100%				
Windows					
Not Accessible	100%				
Parapets					
Not Accessible	100%				
Roof					
Not Accessible	100%				
Interior					
Floors					
Not Accessible	100%				
Interior Walls	·	·			
Not Accessible	100%				
Ceilings					
Not Accessible	100%				

Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority
Under 600 Volts				
Service Equipment				
Not Accessible	100%			
	Other Observation, Extent : Light, Area	Affected: 0%		
	Location · Entire			

Not Accessible	100%
	Other Observation, Extent: Light, Area Affected: 0%
	Location: Entire
	Explanation: Building Abandoned. Old Y.m.c.a. 10 Years Unoccupied.
Transformers	
Not Accessible	100%
Switchgear / Switchboard	
Not Accessible	100%
Raceway	
Not Accessible	100%
Panelboards	
Not Accessible	100%
Wiring	
Not Accessible	100%
Motor Controllers	
Not Accessible	100%
Ground	
Grounding Devices	
Not Accessible	100%
Stand-by Power	
Transfer Switches	
Not Accessible	100%
Generators	
Not Accessible	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.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 318 GENERAL STORAGE

Asset #: 13761

Electrical		Current F	Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Not Accessible	100%							
Fuel Storage								
Not Accessible	100%							
Lighting								
Interior Lighting								
Not Accessible	100%							
Egress Lighting								
Not Accessible	100%							
Exterior Lighting								
Not Accessible	100%							
Lightning Protection								
Arresters/Cabling								
Not Accessible	100%							
Alarm								
Security System								
Not Accessible	100%							
Fire/Smoke Detection								
Not Accessible	100%							

Mechanical	Current Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Not Accessible	100%					
	Other Observation, Extent	: Light, Area Affected	: 0%			
	Location: Throughout					
	Explanation: Building Al	bandoned And Unsafe	To Enter			
Conversion Equipment						
Not Accessible	100%					
Distribution						
Not Accessible	100%					
Terminal Devices						
Not Accessible	100%					
Air Conditioning						
Energy Source						
Not Accessible	100%					
Conversion Equipment						
Not Accessible	100%					
Distribution	<u> </u>					
Not Accessible	100%					
Terminal Devices						
Not Accessible	100%					
Heat Rejection						
Not Accessible	100%					

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

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

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 318 GENERAL STORAGE

Asset #: 13761

Mechanical	Curre	nt Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Da Total (Year	te Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning Dehumidifier							
Not Accessible	100%						
Ventilation Distribution							
Not Accessible	100%						
Exhaust Fans Not Accessible	100%						
Plumbing	10070						
H/C Water Piping							
Not Accessible	100%						
Water Heater Not Accessible	100%						
HW Heat Exchanger	100%						
Not Accessible	100%						
Sanitary Piping							
Not Accessible	100%						
Storm Drain Piping	1000/						
Not Accessible Sump Pump(s)	100%						
Not Accessible	100%						
Pool Filter/Treatment	10070						
Not Accessible	100%						
Sewage Ejector(s)							
Not Accessible	100%						
Backflow Preventer Not Accessible	100%						
Fixtures	100%						
Not Accessible	100%						
Vertical Transport							
Elevators	1000/						
Not Accessible	100%						
Escalators Not Accessible	100%						
Fire Suppression	100/0						
Standpipe							
Not Accessible	100%						
Sprinkler	1000/						
Not Accessible	100%						
Fire Pump Not Accessible	100%						
Chemical System	20070						
Not Accessible	100%						

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 325 EMS ACADEMY

Address : 325 PRATT AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.325 / 13739 Yr Built/Renovated : 1894 /

Area Sq Ft : 31,892 Project Type : FIRE DEPARTMENT

Date of Survey : 29-May-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

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

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$298,600	\$259,300
Electrical		\$182,200
Mechanical	\$38,300	\$113,700
Total	\$337,000	\$555,200
Importance Code A	\$337,000	\$259,300
Importance Code B		\$296,000
Total	\$337,000	\$555,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$66,100		\$5,800	
Interior Architecture	\$59,400		\$22,200	
Electrical	\$17,900	\$2,200	\$2,700	\$4,200
Mechanical	\$9,200	\$3,700	\$8,400	\$2,900
Total	\$152,700	\$5,900	\$39,000	\$7,100
Importance Code A	\$66,900	\$1,600	\$7,400	\$1,600
Importance Code B	\$52,100	\$4,300	\$31,700	\$5,500
Importance Code C	\$33,700			
Total	\$152,700	\$5,900	\$39,000	\$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.

Asset #: 13739

Architecture		Current l	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls	5 0/			LIEE	* *	~	\$60,000		
Cast Stone/Terra Cotta	5%	N	\$260,200	LIFE	* *	5	\$60,000		
Masonry: Brick	35%	Now	\$260,200	LIFE		5	\$26,900		
		Broken/Missing Elements, Extent : Moderate, Area Affected : 5% Location : Low Masonry Walls At Exterior Stairs							
			d, Extent : Severe, 1						
			ium/ Locker Room		. 570				
		-	e, Extent : Severe, A	_	cted: 5%				
		-	ium/ Locker Room						
Masonry: Brick	50%	-		LIFE	* *	5	\$76,800		
Stucco Cement	5%	Now	\$5,900	2031	* *	5	\$4,800		
233222			Extent : Light, Are		ed : 10%		+ 1,000		
	Location	: Exterior	Stairs Foundation	Wall					
Wood	5%	Now	\$10,800	2043	* *	5	\$9,600		
	Paint Pee	ling, Exteni	: Severe, Area Aff		00%		, , , , , , , ,		
	Location	: Gymnas	ium Wing Eaves						
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 40%				
	Location	: Gymnas	ium Wing Eaves						
Windows						_	*		
Aluminum	100%			2034	* *	5	\$11,600		
Roof	0.007	0.2	¢10.400	2022	#104.000				
Asphalt Shingle	98% Watar Bar	0-2	\$19,400 Extent : Light, Area	2022	\$194,000				
		ı : Over Cl	=	Ајјестеи	. 570				
Maral Daniel		i. Over Cu	issiooms	20.42	* *	10	¢2.000		
Metal Panel	2%	amation I	Extent : Light, Area	2043		10	\$2,000		
			Area Over Front 1		. 100/0				
			ling Seam Metal Ro						
nterior	Блрини	Siana	o Scam metal No	~J					
Floors									
Ceramic Tile	10%			2039	* *	5	\$6,100		
Vinyl Tile	90%			2031	* *	3	\$20,600		
			Extent: Light, Are		ed : 30%				
		-	ium Locker Room V	_					
	-	_	Extent : Light, Are		d : 10%				
			it In Main Building						
			: Light, Area Affec	eted : 30%	2%				
	Location	ı : Through	out						

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

Asset #: 13739

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2041	* *	5	\$2,400	
	Recent Con	nstruction,	Extent : Light, Are	a Affecte	ed : 40%			
	Location	: Gymnasi	um Locker Room V	Ving				
Concrete Masonry Unit	5%			LIFE	* *	5	\$1,900	
Gypsum Board	35%			LIFE	* *	5-10	\$28,300	
	Recent Rep	olace Evide	ent, Extent : Light,	Area Aff	ected : 50%		,	
	Location : Locker Room, Toilets, Gymnasium							
	Repairs in	Progress,	Extent : Light, Ared	a Affecte	d : 50%			
	Location	: Basemen	t Construction					
Plaster	55%			LIFE	* *	5-10	\$22,200	
Ceilings								
AcousTileSusp.Lay-In	40%			2039	* *	5	\$24,500	
Plaster	60%	Now	\$25,700	LIFE	* *	5	\$22,900	
	Cracking/C	Crumbling,	Extent : Severe, A	rea Affec	cted : 40%			
	Location : Below Kitchen, Main Boiler Room							
	Paint Peeling, Extent: Light, Area Affected: 20%							
	Location: 3rd Floor Classrooms							
	Water Pen	etration, E.	xtent : Severe, Ared	a Affecte	d: 60%			
	Location	: Below K	itchen, Main Boile	r Room				

ectrical	Current Repair	Future	Replacement	M	aintenance	
stem Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2046	* *	5	\$100	
	Other Observation, Extent:	Light, Area Affected :	100%			
	Location: Basement Rear	Wing.				
	Explanation: 600 Amp Se	rvice Switch.				
Switchgear / Switchboard						
Fused Disc Sw	100%	2046	* *	5	\$100	
	Other Observation, Extent:	Light, Area Affected :	100%			
	Location : Basement Rear	Wing.				
	Explanation: Recently Ins	talled Equipment.				
Raceway						
Conduit	20%	2046	* *	1		
Conduit	80%	2026	\$3,200	1		
Panelboards						
Molded Case Bkrs	10%	2042	* *	5	\$100	
Molded Case Bkrs	90%	2025	\$14,400	5	\$800	
Wiring						
Thermoplastic	10%	2046	* *	1		
Thermoplastic	90%	2026	\$7,900	1		
Motor Controllers						
Locally Mounted	100%	2031	* *	5	\$200	

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

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

Asset #: 13739

Electrical	Current Repair	Future F	Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground						
Grounding Devices				_		
Generic	100%	LIFE	**	5	\$900	
	Other Observation, Extent : Light, Are	ea Affected : I	00%			
	Location: Basement Explanation: Ground Wires Connec	at To Cround	Pod And Water	Main		
Stand-by Power	Explanation . Ground wires Connec	n 10 Grouna i	Koa Ana waier	main		
Transfer Switches						
Automatic	100%	2039	* *	1	\$9,800	
Generators					1- 7	
Diesel	100%	2035	* *	1	\$12,400	
	Other Observation, Extent: Light, Are	ea Affected : 1	00%			
	Location: Building Exterior					
	Explanation: 250 Kw Generator Ins	stalled In 2014	1			
Batteries	1000/	2020	#	-	4.3 00	
Lead/Acid	100%	2020	\$1,600	5	\$1,200	
Fuel Storage	1000/	2054	* *	_	\$000	
Main Tank	100%	2054		5	\$900	
Lighting Interior Lighting						
Fluorescent	50%	2021	\$89,000	10	\$14,600	
11001000110	T-12 Lamps, Extent : Light, Area Affe		40,000	10	Ψ1.,000	
	Location: Building 325 (Front Wing					
LED	50%	2031	* *			
	Other Observation, Extent: Light, Are	ea Affected : 1	00%			
	Location: Building 325 (Rear Wing)				
	Explanation: Led Lighting Recently	Installed				
Egress Lighting						
Emergency, Service	50%	2021	\$8,400	1		
	Other Observation, Extent : Light, Are	ea Affected : I	00%			
	Location: Throughout Bldg.					
T 1. 6	Explanation: Recently Installed Fix		ata ata			
Exit, Service	50%	2031	**	1		
	Other Observation, Extent: Light, Are Location: Throughout Bldg.	еа Ајјества : 1	00%			
	Explanation: Recently Installed Fix	turos				
Exterior Lighting	Expandition . Recently Installed Plx	inico.				
HID	45%	2026	\$57,900	10		
Incandescent	5%	2026	\$5,500	2		
No Component	50%		. , .			
Alarm						
Fire/Smoke Detection						
No Component	90%					
Generic, Analog	10%	2021	\$35,300			
	Local/Battery Operated Detect, Exten	t : Light, Area	Affected: 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 #: 13739

Mechanical	Current	Repair	Future Replacement Maintenance				
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Energy Source							
Fuel Oil No 2	50%		2046	* *	5	\$4,900	
	Other Observation, I		Affected	: 100%			
	Location : Exterior		XX71.1 X	1 D	T		
		Double Wall Tank					
Fuel Oil No 2	50%	T	2046	**	5	\$4,900	
	Other Observation, I		Affected	: 100%			
	Location : Basemen		1 T 1- W	id I al Data di an	C 1	D	
Conversion Equipment	Explanation: 300	Gallon Double Wal	i Tank W	ип Leak Detection	Serves F	kear Builaing	
Conversion Equipment Hot Water Boiler	50%		2039	* *	1	\$7,900	
Hot water Boner	Other Observation, I	Frient · Light Area		. 100%	1	\$7,900	
	Location : Basemer	_	rijjecica	. 10070			
	Explanation : Serv						
Hot Water Boiler	50% Now	\$38,300	2046	* *	1	\$7,100	
Hot water Boner	Other Observation, I				1	\$7,100	
	Location : Basemer		a rijjecie	a. 10070			
		et Parts Missing Or	r Deterio	rated. General Co	ondition l	ls Very Poor.	
Distribution	Expedition: vector	ci i aris missing or	Beterio	anca. General ea	mannon 1	s very roor.	
Hot Wtr Piping/Pump	100%		2034	* *	4	\$2,400	
Terminal Devices						+-,	
Convector/Radiator	100%		2031	* *	1	\$10,300	
Air Conditioning						•	
Energy Source							
Electricity	100%		2042	* *	1		
Conversion Equipment							
Split Unit	50%		2026	\$78,700			
	Other Observation, I		Affected	: 100%			
	Location : Through						
	Explanation : Serv	es Rear Building					
Window/Wall Unit	50%		2024	\$35,000	1		
	Other Observation, I		Affected	: 100%			
	Location : Through						
	Explanation : Serv	es Front Building					
Distribution					_		
Ductwork/Diffusers	50%		LIFE	* *	2	\$25,900	
	Other Observation, I	-	Affected	: 100%			
	Location : Through						
	Explanation : Rear	Building					
No Component	50%						
Ventilation							
Distribution	2007			a. •	2.7	A# -00	
Ductwork/Diffusers	20%		LIFE	* *	2-5	\$5,600	
No Component	80%						
Exhaust Fans	1000/		2026	¢27 100	2	¢1 000	
Roof Plumbing	100%		2026	\$27,100	2	\$1,000	

Plumbing

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

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

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

Asset #: 13739

lechanical	Current Re	epair	Futur	e Replacement	Ma	aintenance	
vstem Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
umbing							
H/C Water Piping							
Brass/Copper	50%		2046	* *	1		
Under Construction	50%						
Water Heater							
Oil Fired	100%		2024	\$10,600	1	\$900	
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location: Basement						
	Explanation: 2-90 (Gallon Units					
Sanitary Piping							
Cast Iron	50%		LIFE	* *	1		
Under Construction	50%						
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sewage Ejector(s)							
No Component	50%						
Under Construction	50%						
Fixtures							
Generic	100%						

Page: 447

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 333 OUARTERMASTER

Address : 333 PRATT AVENUE

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 17,602 Project Type : FIRE DEPARTMENT

Date of Survey : 27-May-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$133,700	\$293,600
Interior Architecture	\$165,500	
Electrical	\$39,000	\$88,200
Mechanical	\$49,100	\$43,300
Total	\$387,300	\$425,100
Importance Code A	\$133,700	\$293,600
Importance Code B	\$253,600	\$131,500
Total	\$387,300	\$425,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$54,900			
Interior Architecture	\$64,700		\$2,200	\$2,100
Electrical	\$1,000	\$700	\$800	\$900
Mechanical	\$28,600	\$2,200	\$4,600	\$3,000
Total	\$149,200	\$2,800	\$7,500	\$5,900
Importance Code A	\$80,600	\$1,600	\$1,600	\$1,600
Importance Code B	\$39,900	\$1,200	\$5,600	\$4,300
Importance Code C	\$28,700		\$300	
Total	\$149,200	\$2,800	\$7,500	\$5,900



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

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

Asset #: 13767

Architecture	Current	Repair	Future Replacement		t Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior							
Exterior Walls	1.50/		2026	* *	10	¢2.000	
Alum/Vinyl Siding Cast in Place Concrete	15% 5% Now	\$26,000	2036 LIFE	* *	10 5	\$2,000 \$10,800	
Cast III Frace Concrete	Cracking/Crumbling Location: Ramp				3	\$10,800	
Masonry: Brick	70% Now Broken/Missing Eler Location: Through Jnt Mortar Miss/Ero Location: Through Vegetation Growth, Location: Various	hout od, Extent : Light, A hout Extent : Light, Area	rea Affec	ted : 10%	5	\$30,100	
Masangu Fieldatana		Locations	LIEE	* *		\$6.500	
Masonry: Fieldstone	10% Int Mortar Miss/Ero Location : Various	_	LIFE rea Affect		5	\$6,500	
Windows							
Wood	100% Air Infiltration, Exte	nt : Light, Area Affo Locations, Due To			5	\$73,000	
Roof		<u> </u>					
Asphalt Shingle	100% Now Water Penetration, I Location: Various	_	2022 Affected	\$257,100 : 10%			
Interior Floors							
Cast in Place Concrete	20% Now Cracking/Crumbling Location : Baseme	_	LIFE ea Affecte	* * ed : 30%	5	\$10,800	
Ceramic Tile	2% Now	\$3,100	2035	* *	5	\$200	
	Cracking/Crumbling Location : First Fl	g, Extent : Light, Ard oor Men And Wome					
	Loose Units, Extent Location : First Fl	: Light, Area Affect oor Men And Wome					
Sheet Vinyl/Rubber	10%		2034	* *	5	\$3,700	
Vinyl Tile	48% Now	\$107,500	2036	* *	3	\$4,400	
,	Patching Evident, E. Location: First Fl	xtent : Light, Area A		40%		Ţ.,	
Vinyl Tile 9" X 9"	20% Now Adhesion Failure, E Location : Baseme Broken/Missing Eler Location : Baseme	nt nents, Extent : Ligh			3	\$1,800	

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

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

Asset #: 13767

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%			2029	* *	5	\$600	
Gypsum Board	38%			LIFE	* *	5-10	\$20,400	
Masonry: Brick	5%			LIFE	* *	10	\$500	
Plaster	50%			LIFE	* *	5-10	\$13,500	
Wood	5%			LIFE	* *	5	\$12,700	
	Other Obs		xtent : Light, Area	Affected	: 100%			
		ion : Wain:	scot					
Ceilings								
AcousTileSusp.Lay-In	50%			2031	* *	5	\$12,300	
Embossed Metal	2%	Now	\$4,600	LIFE	* *	5	\$200	
	_	ed Elemen : Basemen	ts, Extent : Light, A t	rea Affe	cted : 30%			
		ing, Extent : Basemen	: Light, Area Affec t	eted : 20%	%			
Gypsum Board	48%	Now	\$25,600	LIFE	* *	5	\$14,800	
		ssing Elem : Basemen	ents, Extent : Light t	t, Area Ą	ffected : 30%		, ,	
	Cracking/C	Crumbling	Extent : Light, Are	ea Affecte	ed : 20%			
		: Through		12,,, 0010				

ectrical	Current Repair	Future	Replacement	M	aintenance	
stem Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
der 600 Volts						
Service Equipment						
Fused Disc Sw	50%	2036	* *	5		
	Other Observation, Extent : Li Location : In Basement Store Explanation : 400 Amp Mair	age Area.	: 100%			
Fused Disc Sw	50%	2036	* *	5		
rused Disc 5 w	Other Observation, Extent : Li		. 100%	3		
	Location: In Basement Store		. 10070			
	Explanation: 30 Amp Fire A	O	witch			
Raceway	1					
Conduit	90%	2026	\$3,600	1		
Conduit	10%	2036	* *	1		
Panelboards						
Molded Case Bkrs	80%	2025	\$6,400	5	\$400	
Molded Case Bkrs	20%	2034	* *	5	\$100	
Wiring						
Thermoplastic	80%	2026	\$7,000	1		
Thermoplastic	20%	2036	**	1		
Motor Controllers						
Locally Mounted	100%	2024	\$15,400	5	\$100	

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

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

Asset #: 13767

Electrical	Current Re	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date E Total (Years)	Stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground	•		•				
Grounding Devices							
Generic	100%		LIFE	* *	5	\$500	
Stand-by Power							
Transfer Switches							
Automatic	100%		2031	* *	1	\$5,400	
	Other Observation, Exte Location : Basement	ent : Light, Area	Affected :	100%			
	Explanation: Emerge	ncy Power From	e Ems Aca	demy Generator			
Lighting							
Interior Lighting							
Fluorescent	96%		2026	\$88,200	10	\$14,500	
	Other Observation, Exte	-	Affected :	100%			
	Location : Throughou	_					
	Explanation: T-12 An	d T-8 Fixtures A	re In Use				
HID	4%		2021	\$5,600	10		
Egress Lighting							
Exit, Service	30%		2021	\$1,400	1		
No Component	70%						
Exterior Lighting							
HID	10%		2026	\$7,100	10		
Incandescent	2%		2026	\$1,200	2		
	Other Observation, Exte	-	Affected :	100%			
	Location : Front Of Bi						
	Explanation : Exterior	r Globes					
No Component	88%						
Alarm							
Security System							
No Component	80%						
Generic	20%		2026	\$11,400	1	\$1,300	
Fire/Smoke Detection							
No Component	80%						
Generic, Analog	20% 2-4	\$39,000	2036	* *			
	Other Observation, Exte		Area Affec	ted : 100%			
	Location: Throughout	t					
	Explanation: Obsolete	e System					

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
Heating							
Energy Source							
Fuel Oil No 6	100%		2026	\$43,300	5	\$5,100	

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

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

Asset #: 13767

Mechanical	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	
Heating								
Conversion Equipment								
Steam Boiler	100% 2-4	\$25,700	2031	* *	1	\$14,700		
	Damaged, Extent : Se							
	Location : Basemen		-	•				
	Other Observation, E	_		100%				
	Location : Basemen		n					
	Explanation : Oil F	ired Steam Boiler						
Distribution	1000/	#40.100	2026	ale ale	4	Φ000		
Steam Piping/Pump	100% 4+	\$49,100	2036	* *	4	\$800		
	Corroded, Extent: M		ctea : 40%	o				
	Location: Basemen		A 110 5 A CC	ata 1 . 500/				
	Insul. Deteriorating,		Агеа Ајје	сстеа : 50%				
Torminal Davisco	Location : Basemen	ı						
Terminal Devices Convector/Radiator	1000/		2020	* *	1	¢5 200		
Air Conditioning	100%		2039		1	\$5,300		
Energy Source								
Electricity	100%		2042	* *	1			
Conversion Equipment	10070		2072					
Split Unit	10%		2034	* *				
Spin Cinc	Recent Installation, E	Extent : Light, Area		10%				
	Location : Basemen	_	55					
Window/Wall Unit	90%		2021	\$32,600	1			
Heat Rejection	7070		2021	Ψ32,000				
Evap Condenser	100%		2031	* *	2	\$11,500		
Ventilation Ventilation	10070		2001			Ψ11,500		
Exhaust Fans								
Roof	100%		2031	* *	2	\$500		
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%		2039	* *	1			
HW Heat Exchanger								
Low Temp	100%		2036	* *	4	\$1,600		
Sanitary Piping								
Cast Iron	100%		LIFE	* *	1			
Storm Drain Piping								
Cast Iron	100%		LIFE	* *	1			
Sump Pump(s)								
Not Accessible	100%							
Fixtures								
Generic	100%							

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

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

Page: 452

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 336 FLSTP BILLETS

Address : 336 SHORE ROAD

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 23,732 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

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

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$39,700	\$85,600
Interior Architecture	\$50,700	\$112,400
Electrical		\$95,800
Mechanical		\$52,000
Total	\$90,400	\$345,900
Importance Code A	\$39,700	\$85,600
Importance Code B		\$260,200
Importance Code C	\$50,700	
Total	\$90,400	\$345,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$9,200			
Interior Architecture	\$59,900		\$6,200	\$14,800
Electrical	\$2,500	\$2,000	\$3,300	\$1,600
Mechanical	\$2,400	\$4,600	\$3,200	\$2,800
Total	\$73,900	\$6,500	\$12,700	\$19,300
Importance Code A	\$10,400	\$1,200	\$1,200	\$1,200
Importance Code B	\$50,400	\$5,400	\$11,500	\$14,400
Importance Code C	\$13,100			\$3,700
Total	\$73.900	\$6,500	\$12,700	\$19.300



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

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

Asset #: 13768

Architecture		Current I	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls			* ***			_	** ***	
Cast in Place Concrete	_	_	\$600 Extent : Light, Are oom Entrance, Step			5	\$2,600	
Cast Stone/Terra Cotta	2%			LIFE	* *	5	\$8,000	
Masonry: Brick	Location	: Through	\$39,700 Extent : Moderate, A out E Open Joints	LIFE Area Affe	* * ected : 30%	5	\$24,600	
Windows	- T		T					
Aluminum	98%			2042	* *	5	\$4,300	
Steel	2%	Now	\$2,400	2042	* *	5	\$500	
	Location	: Basemer	Extent : Severe, Are at Level, Washroom ciorated Metal Win	Area	ed : 100%			
Roof								
Built-Up (BUR)	100%			2026	\$85,600	10	\$17,500	
nterior Floors								
Carpet	60%			2022	\$290,100	3	\$42,500	
Cast in Place Concrete			\$800 Extent : Moderate, A nt, Washroom Area	LIFE Area Affe	* * cted : 60%	5	\$7,800	
Mosaic Tile	10%			2039	* *	5	\$8,900	
Sheet Vinyl/Rubber	10%			2026	\$112,400	5	\$5,300	
Vinyl Tile	10%			2026	\$32,200	3	\$1,800	
Interior Walls								
Cast in Place Concrete	Location Water Pen	n : Basemen netration, E	\$50,700 tent : Moderate, Ar tt, Washroom Area extent : Severe, Area tt, Washroom Area					
Ceramic Tile	20%			2035	* *	5	\$7,500	
Concrete Masonry Unit	60%			LIFE	* *	5	\$18,000	
·	_	_	Extent : Moderate at, Washroom Area	_	ffected : 20%			
Gypsum Board	10%			LIFE	* *	5-10	\$6,400	
Ceilings								
AcousTileSusp.Lay-In	10%			2039	* *	5	\$3,500	
Plaster			: Light, Area Affector Reception Area	LIFE cted : 2%	* *	5-10	\$54,800	

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

 $[\]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 #: 13768

Electrical	Current Repair	Future Replacement	N	Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cos FY	t Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Light, Location : Basement Service Roc Explanation : 800 Amp Service S	om.	* 5	\$100		
Transformers Dry Type	100% Other Observation, Extent: Light, Location: Outside Electrical Roc Explanation: Also Serves Anothe	от	* 5	\$100		
Switchgear / Switchboard Fused Disc Sw	100%	2052 *	* 5	\$100		
Raceway Conduit Panelboards	100%	2046 *	* 1			
Molded Case Bkrs Wiring Not Accessible	100%	2048 *	* 5	\$600		
Ground Grounding Devices Generic	100% Other Observation, Extent : Light, Location : In Laundry Room. Explanation : Ground Connectio		3	\$700		
Stand-by Power Transfer Switches Automatic	100%	2031 *		\$7,300		
Generators Diesel	100% Other Observation, Extent : Light, Location : Building Exterior Nea Explanation : 80 Kva Generator		* 1	\$9,200		
Batteries Lead/Acid	100%	2019 \$1,60	0 5	\$900		
Fuel Storage Main Tank	100% Other Observation, Extent : Light, Location : Building Exterior Nea Explanation : Belly Tank	==	* 5	\$700		
Lighting Interior Lighting Fluorescent	98% Other Observation, Extent : Light, Location : Throughout Bldg. Explanation : T-8 And T-12 Fixt		* 10	\$21,300		
Incandescent	2%	2031 *	* 2			

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

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

Asset #: 13768

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
Lighting								
Egress Lighting								
Emergency, Battery	70%			2031	* *	10	\$4,000	
Exit, Battery	30%			2026	\$7,000	10	\$500	
Exterior Lighting								
HID	100%			2026	\$95,800	10	\$100	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2036	* *			
_	Recent In:	stallation, E	Extent : Light, Area	Affected	! : 100%			
	Location	ı : Through	out Building					

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2046	* *	5	\$7,300	
	Other Observation, Extent: Lig	ht, Area Affected :	100%			
	Location: Rear Of Building					
	Explanation: 3,000 Gallon To	ınk With Spill Coni	trol / Above Grou	nd		
Conversion Equipment						
Hot Water Boiler	100%	2031	* *	1	\$11,700	
Distribution						
Hot Wtr Piping/Pump	100%	2034	* *	4	\$1,700	
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$7,700	
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2021	\$52,000	1		
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
HW Heat Exchanger						
Low Temp	100%	2046	* *	4	\$3,500	
-	Other Observation, Extent : Lig	ht, Area Affected :	100%			
	Location: Basement					
	Explanation : Indirect Heating	g Tank With 100 G	allon Storage			
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		

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

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

Asset #: 13768

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sump Pump(s)						
Rigid Piping	100%	2031	* *	4	\$1,600	
	Other Observation, Extent : Light, Area I	ght, Area Affected :	100%			
	Location: Basement					
	Explanation: Dual Pumps					
Backflow Preventer						
No Component	95%					
Generic	5%	2034	* *	1	\$100	
	Other Observation, Extent : Li	ght, Area Affected :	100%			
	Location: Basement					
	Explanation : Serves Boiler (Only				
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
Generic	100%	2046	* *	1-2	\$6,600	

Page: 457

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 400 A&B FIRE PREVENTION DISTRICT OFFICE

Address : 400 MURRAY AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.400 / 13771 Yr Built/Renovated : 1906 /

Area Sq Ft : 10,935 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

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

Block : 5917 Lot : 1 BIN : 4453917

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$171,700	
Electrical		\$39,900
Total	\$171,700	\$39,900
Importance Code A	\$171,700	
Importance Code B		\$39,900
Total	\$171,700	\$39,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$31,100			
Interior Architecture	\$38,500			\$200
Electrical	\$8,500	\$1,000	\$1,000	\$1,000
Mechanical	\$3,100	\$1,800	\$1,300	\$1,600
Total	\$81,200	\$2,800	\$2,300	\$2,700
Importance Code A	\$32,100	\$1,000	\$1,000	\$1,000
Importance Code B	\$39,500	\$1,800	\$1,300	\$1,700
Importance Code C	\$9,600			
Total	\$81,200	\$2,800	\$2,300	\$2,700



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

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

FORT TOTTEN - BLDG. # 400 A&B FIRE PREVENTION DISTRICT OFFICE

Asset #: 13771

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls Masonry: Brick	70%			LIFE	* *	5	\$56,100	
Granite Panels	10%			LIFE	* *	5 5	\$6,000	
Wood	20%	Now	\$90,000	2039	* *	5	\$20,100	
	Dry Rot/L		nt : Severe, Area Aj		40%		, - °, - °	
		ling, Extent 1 : Through	t : Moderate, Area I out	Affected	: 100%			
			t : Moderate, Area A ves/ Cornice	Affected	: 60%			
Windows			<u></u>				<u> </u>	
Wood			\$81,700 nt : Moderate, Area out	2042 Affected	* * l : 100%	5	\$34,000	
	=	Inefficient i : Through	, Extent : Moderate out	, Area A	ffected : 100%			
		ling, Extent 1 : Through	t : Moderate, Area l out	Affected	: 100%			
		Deteriorate 1 : Through	ed, Extent : Modera out	te, Area	Affected : 100%			
Roof								
Asphalt Shingle	100%			2035	* *	10	\$3,600	
Interior Floors								
Cast in Place Concrete	30%			LIFE	* *	5	\$20,100	
Ceramic Tile	2%	Now	\$100	2035	* *	5	\$200	
		issing Elem ı : Through	nents, Extent : Seve nout.	re, Area	Affected : 2%			
Vinyl Tile	Location	issing Elem 1 : Kitchen	\$2,200 nents, Extent : Ligh And Various Office	S		3	\$500	
		aea, Extent 1 : Through	t : Moderate, Area 1 out	чујестеа	. 50%			
Wood		ded, Extent 1 : Attic/ 3rd	t : Moderate, Area 1 d Floor	2041 Affected	**	5	\$17,200	

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

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

FORT TOTTEN - BLDG. # 400 A&B FIRE PREVENTION DISTRICT OFFICE

Asset #: 13771

Architecture		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	- / -	Now	\$300	2035	* *	5	\$300	
	Broken/Miss	ing Elem	ents, Extent : Light	t, Area Ą	ffected : 2%			
	Location:	Bathroon	ns					
Masonry: Brick	10%			LIFE	* *	10	\$600	
Granite Panels	10%			LIFE	* *	10	\$800	
Plaster	75%	Now	\$6,300	LIFE	* *	5	\$4,400	
	Location:	Basemen g, Extent	ents, Extent : Seve t Gymnasium Roor : Light, Area Affec out	n				
			xtent : Moderate, A	rea Affe	cted : 2%			
			t Gymnasium Roor					
Wood	2%			LIFE	* *	5	\$3,100	
Ceilings								
Embossed Metal	34%			LIFE	* *	5	\$4,700	
	Paint Peelin Location :		: Light, Area Affec	ted : 5%				
Plaster	66%	Now	\$14,200	LIFE	* *	5	\$6,300	
	Paint Peelin	g, Extent	: Light, Area Affec	ted : 159	%			
	Location:	Rooms 20	0 & 21, Stairway C	eiling				
			xtent : Moderate, A r Rooms 20 & 21	rea Affe	cted : 15%			

ectrical	Current Repai	r <u>Futur</u>	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2046	* *	5		
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location : Basement Are	as A & B				
	Explanation: (2) 100 An	p Service Switches				
Raceway						
Conduit	75%	2026	\$3,000	1		
Conduit	25%	2046	* *	1		
Panelboards						
Molded Case Bkrs	100%	2042	* *	5	\$300	
Wiring						
Braided Cloth	40% 2-4	\$3,500 2051	* *	1		
	On Extended Life, Extent:	Light, Area Affected:	100%			
	Location: Throughout					
Thermoplastic	60%	2036	* *	1		

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.

FORT TOTTEN - BLDG. # 400 A&B FIRE PREVENTION DISTRICT OFFICE

Asset #: 13771

Electrical	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	
Ground								
Grounding Devices								
Generic	100%		LIFE	* *	5	\$300		
		Extent: Light, Area	Affected	: 50%				
	Location : Basem							
	•	ound Wire Connected	l To Line	Side Of Water Me	ter, No V	Vire Jumper To		
Stand-by Power	Load Side Of Met	er.						
Transfer Switches								
Automatic	100%		2043	* *	1	\$3,400		
11003111000		Extent : Light, Area		: 100%	-	Ψ2,.00		
		ng Exterior Behind P						
		ves Buildings #400,		•				
Generators	•							
Diesel	100%		2039	* *	1	\$4,200		
	Other Observation,	Extent : Light, Area	Affected	: 100%				
	Location : Buildin	ig Exterior						
	Explanation: 125	Kw Generator Serv	es Buildir	ngs #400, #401 An	d #402			
Fuel Storage								
Main Tank	100%		2061	* *	5	\$300		
		Other Observation, Extent: Light, Area Affected: 100%						
	Location : Building	e e						
	Explanation : Bel	ly Tank Located Belo	ow Gener	ator				
Lighting								
Interior Lighting	700/		2026	#20.000	10	Φ		
Fluorescent	70%		2026	\$39,900	10	\$6,600		
Incandescent	30%		2021	\$17,100	2	\$100		
Exterior Lighting	1000/ 0.2	62.700	2021	* *	2			
Incandescent	100% 0-2	\$3,700	2031		2			
	-	Extent : Light, Area A	Affectea :	100%				
A 1	Location : Buildin	ng Porch Location						
Alarm								
Security System No Component	50%							
Generic	50%		2026	\$17,700	1	\$2,000		
Generic	JU70		2020	\$17,700	1	φ2,000		

Mechanical	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2036	* *	5	\$3,200	
	Other Observation, Extent : Light, A	rea Affected : 100%				
	Location: Basement					
	Explanation: 2 - 275 Gallon Tank.	s Each Side				

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

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

FORT TOTTEN - BLDG. # 400 A&B FIRE PREVENTION DISTRICT OFFICE

Asset #: 13771

Mechanical	Current	Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating							
Conversion Equipment Steam Boiler	100% Other Observation, I	_	2039 Affected	* *	1	\$10,100	
	Explanation: 1 - B						
Distribution	Елрининон . 1 В	oner Each Stac					
Steam Piping/Pump	100%		2036	* *	4	\$500	
Terminal Devices						·	
Convector/Radiator	100% Now Leak Evident, Extent Location : 1st Floo		2031 ted : 50%	* *	1	\$3,000	
Air Conditioning							
Energy Source							
Electricity	100%		2042	* *	1		
Conversion Equipment							
Window/Wall Unit	50%		2021	\$11,200	1		
No Component	50%						
Plumbing							
H/C Water Piping Brass/Copper	100%		2036	* *	1		
Бтазэ/соррст	No Water Meter, Ext Location : A Side	tent : Light, Area A <u>f</u>		00%	1		
HW Heat Exchanger							
Low Temp	100%		2046	* *	4	\$1,500	
	Other Observation, I Location : Baseme	nt					
	Explanation: Dom	estic Coil With 40 (Gallon St	orage Each Side			
Sanitary Piping Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
Fixtures Generic	100%						

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 401 A&B FIRE/LIFE SAFETY EDUCATION BLDG.

Address : 401 MURRAY AVENUE

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 12,041 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

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

Block : 5917 Lot : 1 BIN : 4453921

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$53,800	\$53,800
Interior Architecture		\$38,200
Electrical		\$50,400
Mechanical		\$152,500
Total	\$53,800	\$294,900
Importance Code A	\$53,800	\$116,400
Importance Code B		\$178,500
Total	\$53,800	\$294,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$45,000	\$5,800		
Interior Architecture	\$107,700		\$20,100	\$3,900
Electrical	\$6,100	\$800	\$900	\$800
Mechanical	\$1,600	\$1,900	\$3,600	\$1,600
Total	\$160,400	\$8,500	\$24,500	\$6,400
Importance Code A	\$46,200	\$7,000	\$1,200	\$1,200
Importance Code B	\$92,100	\$1,500	\$23,300	\$4,700
Importance Code C	\$22,100			\$500
Total	\$160,400	\$8,500	\$24,500	\$6,400



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.

FORT TOTTEN - BLDG. # 401 A&B FIRE/LIFE SAFETY EDUCATION BLDG.

Asset #: 13769

Current Repair Future Repla		Replacement	Maintenance			
% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
		•				•
				5		
				5	\$9,600	
			ed : 30%			
_	-	cted : 30%	ó			
Location : Porch I	Floor & Steps					
				5	\$11,600	
-	_	Area Affe	cted : 100%			
Location : Through	hout					
_	hings, Extent : Mod	erate, Are	a Affected : 15%			
Location: Roof						
100/		LICE	ታ ታ	~	Φ 2 < 000	
	0.00					
	·			3	\$1,100	
-		, Area Afj	ectea : 2%			
				5	\$22,900	
	_	a Affectea	! : 40%			
Location : Through	hout					
35%		2054	* *	5	\$40,100	
2%		2035	* *	5	\$1,000	
25%		LIFE	* *	5-10	\$20,200	
Repairs in Progress,	, Extent : Light, Are	a Affectea	! : 2%			
Location : Stairwe	ll Wall Between 1st	& 2nd Fl	oors			
28%		LIFE	* *	10	\$5,300	
45% 2-4	\$3,700	LIFE	* *	5	\$6,400	
Cracking/Crumbling	g, Extent : Light, Are	ea Affecte	d: 2%			
Location: Through	hout.					
52% Now	\$22,300	LIFE	* *	5	\$19,900	
Paint Peeling, Exter	nt : Moderate, Area	Affected :	5%			
Location: 3rd Flo	or Ceiling Over Tra	ining Are	a			
Water Penetration, I	Extent : Light, Area	Affected .	5%			
Location : 3rd Flo	or Ceiling Over Tra	ining Are	a			
	70% 25% 5% 0-2 Deteriorated Finish, Location: Throug Paint Peeling, Exter Location: Throug 100% Recent Replace Evic Location: Throug 100% Now Miss/Damaged Flas Location: Roof 10% 5% Now Cracking/Crumbling Location: Throug 35% 2% 25% Repairs in Progress, Location: Stairwe 28% 45% 2-4 Cracking/Crumbling Location: Throug 35% 2% 25% Repairs in Progress, Location: Stairwe 28% 45% 2-4 Cracking/Crumbling Location: Throug 35% 2% 25% Repairs in Progress, Location: Stairwe 28% 45% 2-4 Cracking/Crumbling Location: Throug	70% 25% 5% 0-2 \$10,800 Deteriorated Finish, Extent: Severe, Ar Location: Throughout Columns And I Paint Peeling, Extent: Light, Area Affect Location: Porch Floor & Steps 100% Recent Replace Evident, Extent: Light, Location: Throughout 100% Now \$19,800 Miss/Damaged Flashings, Extent: Mode Location: Roof 10% 10% 5% Now \$600 Cracking/Crumbling, Extent: Moderate Location: Throughout. 40% Now \$17,200 Deteriorated Finish, Extent: Light, Area Location: Throughout 35% 2% 25% Repairs in Progress, Extent: Light, Area Location: Stairwell Wall Between 1st 28% 45% 2-4 \$3,700 Cracking/Crumbling, Extent: Light, Area Location: Throughout. 52% Now \$22,300 Paint Peeling, Extent: Moderate, Area Location: 3rd Floor Ceiling Over Track Water Penetration, Extent: Light, Area Location: Light, Area Location: Stairwell: Light, Area Location: Staffoor Ceiling Over Track Water Penetration, Extent: Light, Area	70% LIFE 25% 10,800 2039 Deteriorated Finish, Extent: Severe, Area Affected: 30% Location: Porch Floor & Steps 100% 2048 Recent Replace Evident, Extent: Light, Area Affected: 30% Location: Throughout 100% Now \$19,800 2035 Miss/Damaged Flashings, Extent: Moderate, Area Location: Roof 10% LIFE 10% 2035 5% Now \$600 2031 Cracking/Crumbling, Extent: Moderate, Area Affected: 10% Location: Throughout 2048 Recent Replace Evident, Extent: Moderate, Area Affected: 10% LOCATION: Roof 10% LIFE 10% 2035 5% Now \$600 2031 Cracking/Crumbling, Extent: Moderate, Area Affected: 10% Location: Throughout. 40% Now \$17,200 2054 Deteriorated Finish, Extent: Light, Area Affected: 10% Location: Throughout 35% 2035 Life Repairs in Progress, Extent: Light, Area Affected: 10% Location: Stairwell Wall Between 1st & 2nd Flocation: Throughout. 28% LIFE Location: Stairwell Wall Between 1st & 2nd Flocation: Throughout. 28% LIFE Location: Throughout. 52% Now \$22,300 LIFE Paint Peeling, Extent: Moderate, Area Affected: Location: 3rd Floor Ceiling Over Training Area Water Penetration, Extent: Light, Area Affected: Location: 3rd Floor Ceiling Over Training Area Water Penetration, Extent: Light, Area Affected: Location: 3rd Floor Ceiling Over Training Area Water Penetration, Extent: Light, Area Affected: Location: 3rd Floor Ceiling Over Training Area Water Penetration, Extent: Light, Area Affected: Location: 3rd Floor Ceiling Over Training Area Water Penetration, Extent: Light, Area Affected: Location: 3rd Floor Ceiling Over Training Area Water Penetration, Extent: Light, Area Affected: Location: 3rd Floor Ceiling Over Training Area Water Penetration, Extent: Light, Area Affected: Location: 3rd Floor Ceiling Over Training Area Water Penetration, Extent: Light, Area Affected: Location: 3rd Floor Ceiling Over Training Area Water Penetration, Extent: Light, Area Affected: Location: 3rd Floor Ceiling Over Training Area Water Penetration.	Now	Now Servent	Not Fail Date Estimated Cost FY Estimated Cost Cycle Cyc

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

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

FORT TOTTEN - BLDG. # 401 A&B FIRE/LIFE SAFETY EDUCATION BLDG.

Asset #: 13769

Current Repa	Current Repair Future Re		M	aintenance	
% of Fail Date Est Total (Years)	timated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
			5	\$100	
		& B			
Explanation: 2-100 Am	p Service Switches				
7504	2026	\$3,000	1		
		\$5,000 * *			
2370	2040		1		
100%	2042	* *	5	\$300	
10070	2012			Ψ	
75%	2026	\$6,500	1		
25%	2046	* *	1		
100%	LIFE	* *	5	\$400	
		50%			
Explanation : Common	Ground Wire Connected	To Water Main A	And Grou	ınd Rod	
1000/	2046	* *	1	\$2.700	
			1	\$5,700	
=		=			
Emplementon: Serves Bi	andings # 100, # 101 Tina /	, , , , ,			
100%	2041	* *	1	\$4,700	
Other Observation, Exten	t : Light, Area Affected :	100%		. ,	
Location: Building Ext	erior				
Explanation : Serves Bi	uildings #400, #401 And #	#402.			
100%	2066	* *	5	\$400	
		100%			
_					
Explanation : Belly Tan	k Located Below Genera	tor			
750/	2027	¢50.400	10	ΦΩ 200	
۷۵%	2021	\$10,800		\$100	
80%	2024	* *	10		
		* *			
			4		
		/-			
	100% Other Observation, Extent Location: Basement Se Explanation: 2-100 Am 75% 25% 100% Other Observation, Extent Location: Basement Se Explanation: Common 100% Other Observation, Extent Location: Building Extent Explanation: Serves Building Extent Explanation: Serves Building Extent Explanation: Serves Building Extent Explanation: Belly Tan 75% 25% 80% 20% 0-2 Obsolete Fixtures, Extent	Nof Total (Years) Estimated Cost (Years) Total (Years) Fail Date (Years) FY	100% 2046 ** 100% 2046 ** Other Observation, Extent: Light, Area Affected: 100% Location: Bassement Service Rooms, Sections A & B Explanation: 2-100 Amp Service Switches	Note Fail Date Estimated Cost Year Estimated Cost Cycle (Yrs)	No

 $[\]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.

FORT TOTTEN - BLDG. # 401 A&B FIRE/LIFE SAFETY EDUCATION BLDG.

Asset #: 13769

Mechanical	Current Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2036	* *	5	\$3,700	
	Other Observation, Extent:	Light, Area Affected	: 100%			
	Location: Basement					
	Explanation : 2 - 275 Gall	on Tanks Each Side				
Conversion Equipment						
Steam Boiler	100%	2024	\$62,700	1	\$11,900	
	Other Observation, Extent:	Light, Area Affected	: 100%			
	Location: Basement					
	Explanation : 1 - Unit Eac	h Side				
Distribution						
Steam Piping/Pump	100%	2026	\$89,900	4	\$900	
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$3,900	
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Window/Wall Unit	90%	2021	\$23,800	1		
No Component	10%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2036	* *	1		
Water Heater						
Oil Fired	50%	2019	\$2,000	1	\$200	
Under Construction	50%					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 402 A&B FIRE MARSHALS

Address : 402 MURRAY AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.402 / 13770 Yr Built/Renovated : 1906 /

Area Sq Ft : 12,041 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

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

Block : 5917 Lot : 1 BIN : 4453923

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$45,400			
Interior Architecture	\$42,500		\$10,600	\$700
Electrical	\$1,200	\$800	\$800	\$800
Mechanical	\$2,000	\$2,000	\$1,500	\$1,800
Total	\$91,100	\$2,900	\$12,900	\$3,300
Importance Code A	\$46,500	\$1,100	\$1,100	\$1,100
Importance Code B	\$27,600	\$1,800	\$11,200	\$2,200
Importance Code C	\$17,000		\$500	
Total	\$91,100	\$2,900	\$12,900	\$3,300



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

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

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 402 A&B FIRE MARSHALS

Asset #: 13770

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	\$61,800	
Granite Panels	25%			LIFE	* *	5	\$16,600	
Wood	5%		\$2,500	2039	* *	5	\$5,500	
			: Light, Area Affec	ted : 159	%			
		i : Entry Po						
			: Light, Area Affec	ted : 15%	% 0			
***	Location	ı : Entry Pa	orcnes					
Windows	1000/			20.42	* *	-	ф 7 500	
Aluminum	100%			2042	* *	5	\$7,500	
Roof	1.000/			2025	* *	10	\$4,000	
Asphalt Shingle	100%			2035		10	\$4,000	
Interior Floors								
Cast in Place Concrete	30%			LIFE	* *	5	\$22,100	
Ceramic Tile	8%			2035	* *	5	\$1,300	
Vinyl Tile	2%			2033	* *	3	\$100	
Wood	60%			2054	* *	5	\$19,000	
Interior Walls							+->,	
Cast in Place Concrete	10%			LIFE	* *	10	\$5,400	
Ceramic Tile	5%			2039	* *	5	\$1,100	
Gypsum Board	25%			LIFE	* *	5-10	\$9,200	
Masonry: Brick	18%			LIFE	* *	10	\$1,200	
Granite Panels	25%			LIFE	* *	10	\$2,200	
Plaster	15%	Now	\$600	LIFE	* *	5	\$1,000	
			xtent : Light, Area		: 5%			
	Location	ı : 3rd Floo	or Chimney Chase V	Valls				
Wood	2%			LIFE	* *	5	\$3,500	
Ceilings								
AcousTileSusp.Lay-In	6%			2039	* *	5	\$1,000	
Embossed Metal	25%			LIFE	* *	5	\$3,800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: 1st Floor							
	Explana	tion : Embe	ossed Metal Ceiling	, Paintec	<i>l</i>			
Gypsum Board	29%			LIFE	* *	5-10	\$16,800	
Plaster	40%		\$1,900	LIFE	* *	5	\$4,200	
			xtent : Light, Area					
	Location	ı : Water D	amage In 1st Floor	· Office &	& Third Floor By C	Chimney (Chase Walls	

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

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.

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 402 A&B FIRE MARSHALS

Asset #: 13770

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

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

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 402 A&B FIRE MARSHALS

Mechanical		Current Repair		Futur	e Replacement	М	aintenance	
System Component Type		ail Date E Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source						_		
Fuel Oil No 2	100%			2036	* *	5	\$3,500	
			nt : Light, Area	Affected	: 100%			
	Location : I			1 0:1				
<u> </u>	Explanation	n:2-2/5	Gallon Tanks Ed	ich Side				
Conversion Equipment Steam Boiler	100%			2039	* *	1	¢11.200	
Steam Boller		uation Ext	ent : Light, Area			1	\$11,200	
	Location : I		mi : Ligni, Area	Ајјестеа	: 100%			
			er On Each Side					
Distribution	Елрианинов	n . 1 - Dolle	T OH EACH SIAE					
Steam Piping/Pump	100%			2036	* *	4	\$600	
Terminal Devices	10070			2030			φοσσ	
Convector/Radiator	100%			2031	* *	1	\$3,600	
Air Conditioning	10070			2001			42,000	
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2021	\$24,700	1		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2046	* *	4	\$1,700	
			ent : Light, Area	Affected	: 100%			
	Location : I							
	Explanation	n : Domesti	c Coil In Boiler	With 40	Gallon Storage To	ank On E	ach Side	
Sanitary Piping	1000		4.5 00					
Cast Iron		Now	\$500	LIFE	**	1		
			Ioderate, Area A	Affected :	100%			
<u> </u>	Location :	Bathrooms						
Storm Drain Piping	1000/			TIPE	* *			
Cast Iron	100%			LIFE	* *	1		
Fixtures	1,000/							
Generic	100%							

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 405 EMS ACADEMY - CFR TRAINING

Address : 405 WHISTLER AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.405 / 13772 Yr Built/Renovated : 1900 /

Area Sq Ft : 22,392 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

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

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$93,000	\$65,300
Electrical		\$121,500
Mechanical		\$46,700
Total	\$93,000	\$233,600
Importance Code A	\$93,000	\$65,300
Importance Code B		\$168,300
Total	\$93,000	\$233,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$29,000			\$4,500
Interior Architecture	\$52,500		\$10,700	\$8,300
Electrical	\$2,900	\$1,800	\$2,100	\$3,400
Mechanical	\$3,100	\$4,000	\$3,100	\$3,700
Total	\$87,400	\$5,800	\$15,900	\$19,900
Importance Code A	\$31,200	\$2,200	\$2,200	\$6,700
Importance Code B	\$47,900	\$3,600	\$13,700	\$12,700
Importance Code C	\$8,300			\$500
Total	\$87,400	\$5,800	\$15,900	\$19,900



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

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

Asset #: 13772

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls						_	4= =00	
Cast in Place Concrete	_	Crumbling,	\$4,600 Extent : Light, Ard Steps At Entry	LIFE ea Affecto	* * ed : 15%	5	\$7,700	
Masonry: Brick	Location Diagonal	issing Elen 1 : Building	\$9,900 nents, Extent : Ligh Extension At Rear tent : Moderate, An		-	5	\$15,400	
Masonry: Brick	65%			LIFE	* *	5	\$99,900	
Masonry: Granite	8%			LIFE	* *	5	\$9,200	
Wood	Location Split/Crac	ling, Exteni 1 : Roof Ea	t : Moderate, Area			5	\$9,600	
Windows	<u> </u>	- 1100j <u>Zu</u>	res, sojjits					
Aluminum	_		\$1,000 ked, Extent : Light de	2042 , Area A <u>j</u>	* * fected : 1%	5	\$600	
Aluminum	90%			2042	* *	5	\$10,500	
Roof Asphalt Shingle	Location Water Per	issing Elen 1 : Vent Cap 1 : Vent Cap	\$3,600 nents, Extent : Ligh o Located On Roof Extent : Moderate, A of, Affecting Secon	Is Missir Area Affe	ng cted : 8%	ť		
Roll Roofing	10%			2025	\$23,800	5	\$9,000	
terior								
Floors Carpet	_	_	\$500 , Extent : Light, Ar r A/v Conference R		\$25,000 ed : 30%	3	\$2,800	
Cast in Place Concrete	5%			LIFE	* *	5	\$13,400	
Mosaic Tile	2%			2039	* *	5	\$3,100	
Vinyl Tile			\$10,000 nents, Extent : Ligh r Cafeteria	2031	* * ffected : 2%	3	\$20,600	
Interior Walls								
Ceramic Tile	2%			2035	* *	5	\$1,000	
Concrete Masonry Unit	2%			LIFE	* *	5	\$800	
Masonry: Brick	2%			LIFE	* *	10	\$300	
Plaster			\$7,700 Extent : Moderate, A			5	\$13,400	
	Location	ı : Basemer	ıt Room B03, Seco	nd Floor,	Meeting Room			

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

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

Asset #: 13772

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
nterior								
Ceilings								
AcousTile,Adhered	10%	Now	\$1,200	2031	* *	5	\$3,100	
	Broken/Mi	ssing Elem	ents, Extent : Mod	erate, Ar	rea Affected : 8%			
	Location	: Second I	Floor, Rooms 203, 2	210 And	Hallway			
AcousTileSusp.Lay-In	30%			2039	* *	5	\$18,300	
Plaster	60%	Now	\$25,700	LIFE	* *	5	\$22,900	
	Paint Peel	ing, Extent	: Light, Area Affec	ted: 10	%			
	Location	Location: 2nd Floor Classrooms						
	Water Pen	etration, E	xtent : Moderate, A	rea Affe	cted : 12%			
	Location	: Basemer	nt Rm B03, 2nd Flo	or Office	2S.			

Electrical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment	100-1			_		
Molded Case Bkrs	100%	2046	**	5	\$600	
	Other Observation, Extent : L	ight, Area Affected	: 100%			
	Location: Basement		D 14 400			
	Explanation: 400 A Panel V	Vith Main Breaker	Rated At 400a			
Transformers	1000/	20.42	* *	~	φ100	
Dry Type	100%	2043		5	\$100	
	Other Observation, Extent: L		: 100%			
	Location : Outside Next To C					
<u></u>	Explanation: 112.5 Kva Tra	insformer				
Raceway	220/	2052	* *			
Conduit	33%	2052	**	1		
Conduit	67%	2036	* *	1		
Panelboards Maldad Gran Plan	1000/	20.42	* *	_	¢<00	
Molded Case Bkrs	100%	2042	4. 4.	5	\$600	
Wiring	220/	2052	* *	1		
Thermoplastic	33%	2052	* *	1		
Thermoplastic	67%	2036	* *	1		
Ground						
Grounding Devices	1000/	LIDD	* *	_	¢700	
Generic	100% Other Observation, Extent : L	LIFE		5	\$700	
	Location : Basement	ідні, Агеа Ајјесіва	. 100%			
		aatad To Main Wat	an Cumply Lina			
Stand-by Power	Explanation: Ground Conn	eciea 10 Main Wat	ет ѕирріу Line			
Transfer Switches						
Automatic	100%	2039	* *	1	\$6,900	
Automatic	Other Observation, Extent : L			1	φυ, 2 00	
	Location: Building Exterior		. 100/0			
	· ·					
	Explanation: 400 Amp					

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

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

Asset #: 13772

Electrical	Current Rep	air Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Generators						
Diesel	100%	2035	* *	1	\$8,700	
	Other Observation, Exter		: 100%			
	Location: Building Ext	terior				
	Explanation: 80 Kw C	ummins Generator				
Batteries						
Lead/Acid	100%	2020	\$1,600	5	\$800	
Fuel Storage						
Main Tank	100%	2054	* *	5	\$700	
Lighting						
Interior Lighting						
Fluorescent	90%	2026	\$112,500	10	\$18,500	
	Other Observation, Exter	nt : Light, Area Affected	: 100%			
	Location: Throughout					
	Explanation: Using T8	3 And T12 Lamps				
Incandescent	10%	2031	* *	2	\$100	
Egress Lighting						
Emergency, Service	50%	2026	\$5,900	1		
Exit, Service	50%	2026	\$3,200	1		
Exterior Lighting						
HID	10%	2021	\$9,000	10		
HID	50%	2031	* *	10		
No Component	40%					
Alarm						
Security System						
No Component	70%					
Generic	30%	2031	* *	1	\$2,500	

Mechanical	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
Heating						
Energy Source						
Fuel Oil No 2	100%	2046	* *	5	\$6,900	
	Other Observation, Extent : Light, Are	a Affected : 1	100%			
	Location: Basement					
	Explanation: 2,000 Gallon Double V	Vall Monitore	ed Tank			
Conversion Equipment						
Steam Boiler	100%	2039	* *	1	\$22,200	
Distribution						
Steam Piping/Pump	100%	2036	* *	4	\$1,100	
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$7,200	
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		

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

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

Mechanical	Current Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Conversion Equipment						
Split Unit	5%	2031	* *			
	Other Observation, Extent : Light, Are	ea Affected	: 100%			
	Location: Room 200					
	Explanation: Refrigerant 410a					
Window/Wall Unit	95%	2021	\$46,700	1		
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
Water Heater						
Oil Fired	100%	2024	\$7,400	1	\$700	
	Other Observation, Extent : Light, Are	ea Affected	: 100%			
	Location : Basement					
	Explanation : 1 - 70 Gallon Unit					
Sanitary Piping	1005		de de			
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	1000/		de de			
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	1000/	2026	444.000		#2 # 20	
Rigid Piping	100%	2026	\$11,800	4	\$2,500	
Backflow Preventer	0.504					
No Component	95%	2024	ale ale		#100	
Generic	5%	2034	**	1	\$100	
	Other Observation, Extent: Light, Are	ea Affected	: 100%			
	Location: Basement					
	Explanation: Serves Boiler Only					
Fixtures	1000/					
Generic	100%					
Fire Suppression						
Sprinkler	000/					
No Component	80%	2046	* *	1.2	φ1 200	
Generic	20%	2046	* *	1-2	\$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.

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 409 A&B EMS ADMIN, RESEARCH & DEVELOPMENT

Address : 409 SHORE ROAD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.409 / 13774 Yr Built/Renovated : 1906 /

Area Sq Ft : 13,728 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

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

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$37,800	\$37,800
Interior Architecture	\$56,600	
Total	\$94,400	\$37,800
Importance Code A	\$37,800	\$37,800
Importance Code B	\$56,600	
Total	\$94,400	\$37,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$36,700	\$4,300		
Interior Architecture	\$40,000		\$500	\$200
Electrical	\$6,000	\$1,100	\$1,500	\$1,100
Mechanical	\$1,700	\$1,700	\$1,700	\$2,600
Total	\$84,400	\$7,000	\$3,600	\$4,000
Importance Code A	\$38,000	\$5,500	\$1,300	\$1,300
Importance Code B	\$41,500	\$1,500	\$2,400	\$2,700
Importance Code C	\$4,900			
Total	\$84,400	\$7,000	\$3,600	\$4,000



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

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

FORT TOTTEN - BLDG. # 409 A&B EMS ADMIN, RESEARCH & DEVELOPMENT

Asset #: 13774

Architecture		Current	Repair	Futui	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls						_		
Masonry: Brick	75%			LIFE	* *	5	\$75,500	
Masonry: Granite	10%		40.700	LIFE	* *	5	\$7,600	
Wood	15%	Now	\$8,500	2031	**	5	\$18,900	
			nents, Extent : Ligh		ffected : 1%			
			creen @ Rear Porc		0./			
		_	t : Light, Area Affeo And Eave Located					
Windows	Locanon	: Porcnes	Ana Eave Locatea	At Kear	<i>Facaae</i>			
Aluminum	100%			2048	* *	5	\$8,500	
Alummum		nlace Evid	ent, Extent : Light,			3	\$6,500	
		: Through		11164 1199	естей . 100/0			
Roof								
Roll Roofing	10%			2022	\$12,000	5	\$4,500	
Slate	90%	Now	\$22,200	LIFE	* *		. ,	
	Water Pen	etration, E	xtent : Moderate, A	rea Affe	cted : 5%			
	Location	: Main Ro	of					
nterior								
Floors						_		
Carpet	2%			2022	\$5,200	3	\$800	
Cast in Place Concrete	5%			LIFE	* *	5	\$4,200	
Mosaic Tile	2%			2039	**	5	\$1,000	
Vinyl Tile	2%		#20.100	2026	\$3,500	3	\$200	
Wood	89%	Now	\$30,100	2041	**	5	\$16,000	
		ea Finish, : First Flo	Extent : Moderate, oor	Area Aj	ieciea : 10%			
Interior Walls	Bottiton	. 1 1/5/ 1 10						
Ceramic Tile	2%	Now	\$300	2035	* *	5	\$200	
201111110			ients, Extent : Mod		rea Affected : 10%	Ü	42 00	
		_	Floor Bathroom		35			
Concrete Masonry Unit	2%			LIFE	* *	5	\$400	
Masonry: Brick	10%			LIFE	* *	10	\$700	
Plaster	86%	Now	\$3,600	LIFE	* *	5	\$6,400	
			Extent : Light, Area		: 2%		, -,	
	Location	: Through	out					
	Water Pen	etration, E	xtent : Light, Area	Affected	: 1%			
		: 2nd Flo						
Ceilings								
Embossed Metal	30%			LIFE	* *	5	\$5,200	
		_	t : Light, Area Affeo	eted : 5%	ó			
	Location	: 1st Floo	r Offices					
Plaster	70%	Now	\$56,600	LIFE	* *	5	\$8,400	
	Spalling, I	Extent : Mo	derate, Area Affect	ed:5%				
	Location	: Basemer	ıt					
	Water Pen	etration, E	Extent : Moderate, A	Area Affe	cted : 20%			
	Location	: 2nd And	3rd Floor, Various	s Spaces				

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

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

FORT TOTTEN - BLDG. # 409 A&B EMS ADMIN, RESEARCH & DEVELOPMENT

Asset #: 13774

Interior Lighting Fluorescent $ \begin{array}{c} 95\% & 2031 & ** & 10 & \$11,200 \\ & & & & & \\ \hline & & & & & \\ & & & & & \\ \hline & & & & \\ \hline & & &$		aintenance	Replacement Maintenance		Current Repair Future Replaceme		Electrical	
Service Equipment Fused Disc Sw	t Priority	Estimated Cost	•	ted Cost				Component
Molded Case Bkrs			5	* *	cted : 100%	tion, Extent : Light, Area Aff 19a And 409b Basement	Other Obser Location :	Service Equipment
Raceway		\$200	5	* *	46 cted : 100%	2 tion, Extent : Light, Area Aff 19a And 409b Basement	50% Other Obser Location :	Molded Case Bkrs
Conduit							•	Raceway
Panelboards Molded Case Bkrs 100% 2034 ** 5 \$400			1	* *	52	2	20%	
Molded Case Bkrs 100% 2034 ** 5 \$400			1	* *	36	2	80%	Conduit
Thermoplastic 20% 2052 ** 1)	\$400	5	* *	34	2	100%	
Grounding Devices Generic 100% LIFE ** 5 \$400								Thermoplastic
Grounding Devices Generic 100% LIFE ** 5 \$400								
Stand-by Power Transfer Switches Automatic 100% 2039 * * 1 \$4,200		\$400	5	* *	cted : 100%	tion, Extent : Light, Area Aff 19a And 409b Basement	Other Obser Location :	C
							•	Stand-by Power
Diesel 100% 2035 ** 1 \$5,300 Other Observation, Extent : Light, Area Affected : 100% Location : Building Exterior Explanation : 125 Kw Generator Serves Buildings #409 And #411 Fuel Storage	J	\$4,200	1	* *	39	2	100%	Transfer Switches
Fuel Storage Main Tank 100% 2054 ** 5 \$400 Other Observation, Extent: Light, Area Affected: 100% Location: Building Exterior Under Generator Explanation: 250 Gallon Belly Tank Lighting Interior Lighting Fluorescent 95% 2031 ** 10 \$11,200 T-8 Lamps, Extent: Light, Area Affected: 100% Location: Throughout The Building Incandescent 5% 2021 \$3,600 2		\$5,300			cted : 100%	tion, Extent : Light, Area Aff uilding Exterior	Other Obser Location :	
Lighting Interior Lighting Fluorescent $ \begin{array}{c} $		\$400			54 cted : 100%	2 tion, Extent : Light, Area Aff uilding Exterior Under Gener	100% Other Obser Location :	
Interior Lighting Fluorescent $ \begin{array}{c} 95\% & 2031 & ** & 10 & \$11,200 \\ & & & & & \\ \hline & & & & & \\ & & & & & \\ \hline & & & & \\ \hline & & &$, , , , , , , , , , , , , , , , , , ,	•	Lighting
		\$11,200	10	* *		tent : Light, Area Affected : 1	T-8 Lamps, I	Interior Lighting
			2	\$3,600	21	2.	5%	Incandescent
Exterior Lighting Incandescent 50% 0-2 \$4,700 2031 ** 2 Obsolete Fixtures, Extent: Light, Area Affected: 100% Location: Building Exterior Porches					31	-2 \$4,700 2 res, Extent : Light, Area Affe	50% Obsolete Fix	Exterior Lighting
No Component 50%								No Component

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

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

FORT TOTTEN - BLDG. # 409 A&B EMS ADMIN, RESEARCH & DEVELOPMENT

Asset #: 13774

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
Alarm							
Security System							
No Component	75%						
Generic	25%		2026	\$11,100	1	\$1,300	

Mechanical	Current Repair Future Replacement		placement	ment Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2036	* *	5	\$4,000	
	Other Observation, Extent : Ligh	t, Area Affected : 10	0%			
	Location : Basement					
	Explanation: 2 - 275 Gallon To	anks For Both A And	! B Side			
Conversion Equipment						
Steam Boiler	100%	2039	**	1	\$12,700	
	Other Observation, Extent : Ligh	t, Area Affected : 10	0%			
	Location: Basement					
D:	Explanation : A And B Sides Ho	ave Separate Boilers				
Distribution	1000/	2026	* *	,	A < A <	
Steam Piping/Pump	100%	2036		4	\$600	
	Other Observation, Extent: Ligh	t, Area Affected : 10	0%			
	Location: Throughout					
m : 1D :	Explanation : A And B Sides Ho	ave Independent Syst	ems			
Terminal Devices	1000/	2021	* *	1	¢4.200	
Convector/Radiator	100%	2031	* *	1	\$4,200	
Air Conditioning						
Energy Source	100%	2034	* *	1		
Electricity Conversion Equipment	100%	2034		1		
Window/Wall Unit	100%	2021	\$28,200	1		
Plumbing	100%	2021	\$20,200	1		
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
Diass/Copper	Other Observation, Extent : Ligh		0%	1		
	Location: Throughout	,, 11. 00. 12,, 00. 00. 1. 10.	3,0			
	Explanation : A And B Sides Ho	ave Senarate System:	s Including Se	rvice		
HW Heat Exchanger		z zpanace z javena				
Low Temp	100%	2052	* *	4	\$1,300	
20	Other Observation, Extent : Ligh		0%	-	41,000	
	Location : Basement	. 55				
	Explanation : Domestic Coil In	Steam Boiler / A Ha	s 40 Gallon S	torage To	ınk	
Sanitary Piping	•			<u> </u>		
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		

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

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 409 A&B EMS ADMIN, RESEARCH & DEVELOPMENT

Mechanical	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
Plumbing						
Backflow Preventer						
No Component	95%					
Generic	5%	2031	* *	1		
	Other Observation, Extent : Light, Area	Affected	: 100%			
	Location: Basement					
	Explanation: Serves Boiler Only					
Fixtures						
Generic	100%					

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 411 A&B TERRORISM CENTER

Address : 411 SHORE ROAD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.411 / 13775 Yr Built/Renovated : 1906 /

Area Sq Ft : 13,728 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

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

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$45,300	\$45,300
Interior Architecture	\$43,100	
Electrical		\$60,900
Total	\$88,500	\$106,200
Importance Code A	\$45,300	\$45,300
Importance Code B	\$43,100	\$60,900
Total	\$88,500	\$106,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$14,300	\$4,300		
Interior Architecture	\$37,300		\$500	\$100
Electrical	\$8,600	\$1,000	\$1,100	\$2,600
Mechanical	\$1,700	\$1,700	\$1,700	\$2,600
Total	\$61,900	\$6,900	\$3,300	\$5,300
Importance Code A	\$15,600	\$5,500	\$1,300	\$1,300
Importance Code B	\$25,600	\$1,400	\$2,000	\$4,100
Importance Code C	\$20,800			
Total	\$61,900	\$6,900	\$3,300	\$5,300



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

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

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 411 A&B TERRORISM CENTER

Asset #: 13775

rchitecture		Current	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	\$90,600	
Masonry: Granite	10%			LIFE	* *	5	\$7,600	
Windows	1000/			20.40	* *	_	φο 500	
Aluminum	100%	nlaca Evid	ent, Extent : Light,	2048		5	\$8,500	
		: Through	_	Aгеи Ајје	ectea . 100/0			
Roof	Locuitor	. Inrough	Oili					
Roll Roofing	5%			2022	\$6,000	5	\$2,300	
Slate	95%	Now	\$9,400	LIFE	**	J	Ψ 2, 300	
2-2002			Extent : Moderate, A		cted : 2%			
		: Main Ro						
terior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	\$5,900	
Mosaic Tile	2%			2039	* *	5	\$1,000	
Vinyl Tile	5%	4+	\$200	2031	* *	3	\$400	
			nents, Extent : Ligh	t, Area Ą	ffected : 1%			
			r Corridor					
Wood	86%	2-4	\$11,700	2041	* *	5	\$15,500	
	-	-	nt : Light, Area Aff					
			nt Stair Has Termit	_				
			t : Moderate, Area	Affected	: 15%			
	Location	: 3rd Floo	or					
Interior Walls	20/	N	¢200	2025	* *	_	¢200	
Ceramic Tile	2%	Now	\$300	2035		5	\$200	
		_	ients, Extent : Ligh Floor Bathroom	ı, Area A	jjeciea : 2%			
Marana Dalal		. Secona i	Tioor Buillioom	LIEE	* *	10	¢100	
Masonry: Brick Plaster	2%	Na	\$20,200	LIFE	* *	10	\$100	
Plaster	96%	Now	\$20,300 Extent : Severe, Ar	LIFE		5	\$7,100	
		ea Finish, : Through		еи Ајјесі	ea . 5070			
		U	Extent : Light, Area	Affected	. 15%			
			ıt Washroom, 3rd I					
Ceilings				***				
Embossed Metal	20%			LIFE	* *	5	\$3,500	
2 1110 0 5 5 0 11 10 (0.1		ing, Extent	t : Light, Area Affed		%		42,200	
		_	r, Throughout					
Plaster	80%	Now	\$43,100	LIFE	* *	5	\$9,600	
- 140101			oderate, Area Affect		ó	-	Ψ>,000	
			nt And Throughout					
			Extent : Light, Area	Affected	: 15%			
			or Bathroom, 3rd F			ase		

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

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

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 411 A&B TERRORISM CENTER

Asset #: 13775

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	50%	2046	* *	5		
	Other Observation, Extent : Light, Are	ea Affected :	100%			
	Location: Basement	101	G			
	Explanation: Two (2) 100 Amp Fuse					
Molded Case Bkrs	50%	2046	* *	5	\$200	
	Other Observation, Extent : Light, Are	ea Affected :	100%			
	Location: Basement					
	Explanation: Two (2) 225 Amp Elec	trical Panel	ls Serving Areas A	A & B		
Raceway	200/	2052	* *	1		
Conduit	20%	2052	* *	1		
Conduit	80%	2036	* *	1		
Panelboards Molded Case Bkrs	100%	2042	* *	5	\$400	
	100%	2042		5	\$400	
Wiring Thermoplastic	20%	2052	* *	1		
Thermoplastic	80%	2032	* *	1 1		
Ground	8070	2030		1		
Grounding Devices						
Generic Generic	100%	LIFE	* *	5	\$400	
Stand-by Power	10070	- LII D			Ψ100	
Transfer Switches						
Automatic	100%	2039	* *	1	\$4,200	
Generators					+ -,	
Diesel	100%	2035	* *	1	\$5,300	
	Other Observation, Extent : Light, Are	ea Affected :	100%		. ,	
	Location: Building Exterior					
	Explanation: 125 Kw Generator Ser	rves Buildin	gs #409 And #411	1		
Batteries						
Lead/Acid	100%	2020	\$1,600	5	\$500	
Fuel Storage						
Main Tank	100%	2054	* *	5	\$400	
	Other Observation, Extent : Light, Are	ea Affected :	100%			
	Location: Building Exterior					
	Explanation : 250 Gallon Belly Tank	;				
Lighting						
Interior Lighting	0.504	202-	4. -0. 0.5 -	4.0	#10.05	
Fluorescent	85%	2026	\$60,900	10	\$10,000	
	Other Observation, Extent : Light, Are	ea Affected :	100%			
	Location: Throughout					
	Explanation: T8 Lamps					
Incandescent	15%	2026	\$10,700	2		

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

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

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 411 A&B TERRORISM CENTER

Asset #: 13775

Electrical		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of 1 Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	10%			2031	* *	10		
Incandescent	75%	0-2	\$7,100	2031	* *	2		
	Obsolete F	ixtures, Exten	t : Light, Area A	Affected .	: 100%			
	Location	: Exterior Poi	rch Areas					
No Component	15%							

Mechanical	Current Repair	Future Re	placement	M	aintenance	
system Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Fuel Oil No 2	100%	2026	\$33,800	5	\$4,000	
	Other Observation, Extent : Light, Are	a Affected : 10	0%			
	Location : Basement					
	Explanation: 2 - 275 Gallon Tanks F	For Both Sides	A And B			
Conversion Equipment						
Steam Boiler	100%	2039	* *	1	\$12,700	
	Other Observation, Extent : Light, Are	a Affected: 10	0%			
	Location: Basement					
	Explanation : A And B Sides Have Se	parate Boilers				
Distribution	100-1		ata ata		* • • • •	
Steam Piping/Pump	100%	2036	**	4	\$600	
	Other Observation, Extent : Light, Are	a Affected: 10	0%			
	Location: Throughout					
	Explanation: A And B Sides Have In	dependent Sys	tems			
Terminal Devices	1000/	2021	* *	1	¢4.200	
Convector/Radiator	100%	2031	* *	1	\$4,200	
ir Conditioning						
Energy Source Electricity	100%	2034	* *	1		
	100%	2034		1		
Conversion Equipment Window/Wall Unit	100%	2024	\$28,200	1		
umbing	100%	2024	\$20,200	1		
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
Brass/Copper	Other Observation, Extent : Light, Area	_0.0	0%	1		
	Location: Throughout	arijjeerea . 10	0,0			
	Explanation: A And B Sides Have Se	parate System	s Including Se	rvice		
HW Heat Exchanger		r une system				
Low Temp	100%	2052	* *	4	\$1,300	
P	Other Observation, Extent : Light, Area		0%	•	42,000	
	Location : Basement	JJ				
	Explanation : Domestic Coil In Steam	n Boiler / No S	torage / Both .	A And B	Sides	
Sanitary Piping	<u>^</u>					
Cast Iron	100%	LIFE	* *	1		

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

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

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 411 A&B TERRORISM CENTER

Mechanical	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
Plumbing							
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 413 A&B COUNSELING UNIT

Address : 413 SHORE ROAD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.413 / 13776 Yr Built/Renovated : 1906 /

Area Sq Ft : 13,728 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

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

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture Electrical	\$439,800	\$78,000 \$43,000
Total	\$439,800	\$120,900
Importance Code A Importance Code B	\$439,800	\$78,000 \$43,000
Total	\$439,800	\$120,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$11,800			
Interior Architecture	\$48,900		\$15,300	\$100
Electrical	\$11,200			
Mechanical	\$1,700	\$2,300	\$1,700	\$2,000
Total	\$73,600	\$2,300	\$17,000	\$2,100
Importance Code A	\$13,100	\$1,300	\$1,300	\$1,300
Importance Code B	\$39,800	\$1,100	\$15,800	\$800
Importance Code C	\$20,700			
Total	\$73,600	\$2,300	\$17,000	\$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.

Asset #: 13776

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Da Total (Year	te Estimated Cost s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior							
Exterior Walls	700/ N	Φ5.000	LIDE	* *	_	Φ25.200	
Masonry: Brick	70% Now Broken/Missing F	\$56,800 lements, Extent : Mod	LIFE erate. Ar		5	\$35,200	
	_	neys Are Missing Bric		ca ryjecica i e i			
	Cracking/Crumbl	ing, Extent : Moderate	, Area Ą	ffected : 5%			
	Location : Chim	neys					
Masonry: Granite	20%		LIFE	* *	5	\$15,100	
Wood	10% Now	\$113,000	2039	**	5	\$12,600	
		ent : Moderate, Area s, Trim, Gutters, Fasc		: 10%			
		ent : Moderate, Area		: 5%			
	Location : Thro		33				
		ent : Moderate, Area		: 65%			
	Location : Porci	n Floors, Rails Colum	ns				
Windows	000/ 11	¢115 400	2042	* *	_	¢20,400	
Wood	90% Now Deteriorated Fini	\$115,400 sh, Extent : Moderate,			5	\$38,400	
	Location : Thro		11.00.1199	. 0070			
		ent, Extent : Moderate	, Area Ą	ffected : 100%			
	Location : Throi	=					
	Paint Peeling, Ext Location : Thro	ent : Severe, Area Aff	ected : 40	0%			
		ignoui ated, Extent : Modera	ıte Area	Affected : 100%			
	Location : Thro		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Typecica : 10070			
Wood	10%		2042	* *	5	\$8,500	
Roof	20-1		• • • •				
Modified Bitumen	30% 2-4	\$50,900	2036	**			
	Alligatoring, Extent : Moderate, Area Affected : 100% Location : Porch Roofs, Throughout						
		ent : Moderate, Area .	Affected	: 100%			
	Location : Porch	Roofs, Throughout					
Slate	70% Now	\$103,700	LIFE	* *			
		lements, Extent : Mod Roof, Throughout	erate, Ar	ea Affected : 15%			
	_	ashings, Extent : Mod ing At Chimneys	erate, Ar	ea Affected : 15%			
		, Extent : Moderate, A	Area Affe	cted : 15%			
	Location: Attic	Spaces Below Roof					

Interior

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

Asset #: 13776

rchitecture	Current Repair	Future R	eplacement	Maintenance			
ystem Component Type	% of Fail Date Estin Total (Years)	mated Cost Year Es		Cycle 1 (Yrs)	Estimated Cost	Priority	
terior							
Floors				_			
Cast in Place Concrete	10% Now Cracking/Crumbling, Exter Location: Throughout	\$400 LIFE nt : Light, Area Affected :	**	5	\$4,200		
Ceramic Tile	2% Now Cracking/Crumbling, Exter Location: Bathrooms	\$1,600 2035 nt : Light, Area Affected :	**	5	\$200		
Vinyl Tile	3% Now Broken/Missing Elements, Location: Kitchen Area	\$1,000 2031 Extent : Light, Area Affec	* * ted : 2%	3	\$200		
Wood	85%	2054	* *	5	\$30,600		
Interior Walls							
Ceramic Tile	2% 2-4 Other Observation, Extent Location: Bathrooms Explanation: Tile Will N			5	\$200		
Masonry: Brick	5% Paint Peeling, Extent : Mod Location : Basement	LIFE derate, Area Affected : 80		10	\$400		
Granite Panels	21%	LIFE	* *	10	\$2,100		
Plaster	70% Now Cracking/Crumbling, Exter Location: Basement Paint Peeling, Extent: Mod Location: Basement			5	\$5,200		
	Water Penetration, Extent . Location : Various Locat		! : 10%				
Wood	2%	LIFE	* *	5	\$4,000		
Ceilings							
Embossed Metal	10% Paint Peeling, Extent : Ligi Location : Ist Floor	LIFE ht, Area Affected : 5%	* *	5	\$1,700		
Plaster	90% Now Broken/Missing Elements, Location: Throughout Paint Peeling, Extent: Ligu Location: Basement, Bat Worn/Eroded, Extent: Mod	ht, Area Affected : 10% hrooms		5	\$10,800		

Electrical	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

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 #: 13776

Electrical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of l Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	\$100	
			ent : Light, Area	Affected	: 100%			
		: Basement						
	Explanati	ion : Two (2).	100 Amp Service	e Switche	<i>28.</i>			
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	\$400	
Wiring								
Braided Cloth	70%	0-2	\$6,100	2051	* *	1		
		_	: Light, Area Afj	fected : 1	100%			
	Location	: Throughout	Building.					
Thermoplastic	30%			2036	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$400	
Lighting								
Interior Lighting								
Fluorescent	30%			2026	\$21,500	10	\$3,500	
Incandescent	60%			2021	\$43,000	2	\$200	
LED	10%			2034	* *			
Exterior Lighting								
HID	50%			2026	\$27,700	10		
Incandescent	50%	0-2	\$4,700	2031	* *	2		
	Obsolete Fi	ixtures, Exter	ıt : Light, Area A	Affected .	100%			
	Location	: Porch Area	S					

l echanical	Current Repair	Future	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
eating						
Energy Source						
Fuel Oil No 2	100%	2036	* *	5	\$4,000	
	Other Observation, Extent : L	ight, Area Affected .	: 100%			
	Location: Basement					
	Explanation: 2 - 275 Gallon	Tanks Each Side				
Conversion Equipment						
Steam Boiler	100%	2039	* *	1	\$12,700	
	Other Observation, Extent : L	ight, Area Affected .	: 100%			
	Location : Basement Mechan	nical				
	Explanation: 2 Oil Fired St.	eam Boiler.				
Distribution						
Steam Piping/Pump	100%	2036	* *	4	\$600	
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$4,200	

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

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

Mechanical	Current Repair	Future Ro	eplacement	М		
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2021	\$28,200	1		
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
HW Heat Exchanger						
Low Temp	100%	2046	* *	4	\$1,900	
	Other Observation, Extent: Light, Area Affected: 100%					
	Location : Basement					
	Explanation : Domestic Co. A Side.	ils In Boilers, No Storag	ge On B Side,4	0 Gallon	Storage Tank On	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 415 FLSTP - DINING HALL

Address : 415 WEAVER ROAD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.415 / 13777 Yr Built/Renovated : 1906 /

Area Sq Ft : 9,894 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

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

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$36,600	
Interior Architecture	\$139,400	
Electrical		\$5,300
Total	\$176,000	\$5,300
Importance Code A	\$36,600	
Importance Code B	\$87,300	\$5,300
Importance Code C	\$52,100	
Total	\$176,000	\$5,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$53,800			
Interior Architecture	\$30,100		\$2,700	
Electrical	\$30,200			
Mechanical	\$1,300	\$1,700	\$1,300	\$1,500
Total	\$115,300	\$1,700	\$4,000	\$1,500
Importance Code A	\$54,700	\$900	\$900	\$900
Importance Code B	\$58,300	\$800	\$3,000	\$600
Importance Code C	\$2,300			
Total	\$115,300	\$1.700	\$4,000	\$1,500



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

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

Asset #: 13777

rchitecture	Current	Repair	Futur	e Replacement	М	aintenance			
stem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
terior									
Exterior Walls	4004	#10 #00		di di	_	Φ ε 700			
Masonry: Brick	40% Now	\$10,500	LIFE	**	5	\$6,500			
	Efflorescence, Exter Location : A Side	it : Moderate, Area A	Ађестеа	: 10%					
	-	Toni Entrance		di di		Ф0.000			
Masonry: Brick	30%		LIFE	* *	5	\$9,800			
Masonry: Granite	20%	Φ2.C. C0.O.	LIFE	* *	5	\$4,900			
Wood	10% Now	\$36,600	2039		5	\$4,100			
	Location : Throug	Paint Peeling, Extent: Moderate, Area Affected: 100%							
			lorato A	rag Affacted : 150/					
	Replacement Deteriorated, Extent : Moderate, Area Affected : 15% Location : Porch Floors (Ply-wood Replacement Deteriorating)								
	Other Observation, Extent: Moderate, Area Affected: 10%								
	Location : Throug		1764 11556	cieu . 1070					
	e e	ed Wood On Porch	Floors A	nd Frieze Roards	Ahove Po	orches			
Windows	Esquinition : Rot	ca wood our oren.	1 100/57	ma i riege Boaras i	100101	renes.			
Wood	100% Now	\$17,900	2051	* *	5	\$2,200			
		cked, Extent : Light,		fected : 40%		, ,			
	Location: Throughout								
	Thermally Inefficient, Extent : Severe, Area Affected : 100%								
	Location: All								
	Paint Peeling, Exter	ıt : Severe, Area Affe	ected : 10	00%					
	Location: All								
Roof									
Roll Roofing	30% 2-4	\$3,100	2028	* *	5	\$2,900			
		hings, Extent : Mode	erate, Ar	ea Affected : 20%					
	Location : Throug	hout Porch Roofs							
Slate	70% Now	\$14,900	LIFE	* *					
	Water Penetration,	Extent : Moderate, A	rea Affe	cted : 15%					
	Location : Attic S _I	paces Below Roof, C	himney						
	Other Observation,	Extent : Severe, Are	a Affecte	ed : 5%					
	Location : All.								
	Explanation: All	Roof Flashing Ruste	d And O	r Lifting.					

Interior

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

Asset #: 13777

rchitecture		Current Repair		Futur	Future Replacement		Maintenance	
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior								
Floors								
Cast in Place Concrete	_	_	\$2,900 Extent : Moderate out Basement.	LIFE , Area Aj	* * ffected : 5%	5	\$11,300	
Ceramic Tile	2%	Now	\$1,200	2035	* *	5	\$100	
		_	ents, Extent : Mode Missing Tiles Thro		ea Affected : 10%		·	
Vinyl Tile	2%	Now	\$2,600	2036	* *	3	\$100	
	Location	: Kitchen	xtent : Severe, Ared And Storage Area (On A Sid	e			
	Explanat	ion : Vinyl	Floor Has Gaps M	Iissing P	Pieces And Delamin	nation.		
Wood	40%	0-2	\$20,200	2054	* *	5	\$5,400	
		ed Finish, : Through	Extent : Severe, Ar out	ea Affect	ted : 40%			
Wood	20%			2054	* *	5	\$5,400	
Interior Walls								
Ceramic Tile		Now ssing Elem : Bathroom	\$800 ents, Extent : Light ns	2035 t, Area A	* * ffected : 4%	5	\$100	
Gypsum Board	2%			LIFE	* *	5-10	\$500	
Masonry: Brick	5%			LIFE	* *	10	\$200	
Metal Panel	2%			LIFE	* *	10	\$100	
Granite Panels	15%			LIFE	* *	10	\$800	
Plaster	74%	Now	\$52,100	LIFE	* *	5	\$3,000	
	Broken/Mi Location	: A Side, T	ents, Extent : Seve Throughout		-		, , , , , ,	
			Extent : Severe, Ar out, Mostly A Stord		ted : 60%			
Ceilings								
Embossed Metal	15%			LIFE	**	5	\$2,000	
Plaster		Now am Surface : Through	\$87,300 c, Extent : Severe, A out	LIFE Area Affe	* * cted : 40%	5	\$7,800	

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
Under 600 Volts	•					
Service Equipment						
Fused Disc Sw	100%	2046	* *	5		
	Other Observation, Extent : Light, Area	Affected .	: 100%			
	Location: Basement					
	Explanation: 2-100 Amp Service Swit	ches				
Raceway						
Conduit	100%	2036	* *	1		

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

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

Asset #: 13777

Electrical		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
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	\$300	
Wiring								
Braided Cloth	70%	0-2	\$6,100	2051	* *	1		
			ent : Light, Area Aff	^c ected : 1	100%			
	Location	: Through	out Building.					
Thermoplastic	30%			2036	* *	1		
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	\$100	
Generic	50%	Now	\$2,500	LIFE	* *	5	\$100	
	Other Obse	ervation, E	Extent : Light, Area	Affected	: 50%			
	Location	: Basemer	t Bldg 415a					
	Explanat	ion : Grou	nd Wire Not Conne	ected To	Clamp On Water I	Pipe.		
Lighting								
Interior Lighting								
Fluorescent	10%			2026	\$5,300	10	\$900	
Incandescent	10%			2021	\$5,300	2		
Incandescent	80%	Now	\$21,300	2031	* *	2	\$100	
			Extent : Light, Area	Affected	: 100%			
		_	out Building.					
	Explanat	ion : Dam	aged Fixtures And	Missing 1	At Some Locations	'.		
Exterior Lighting								
HID	50%			2031	* *	10		
Incandescent	50%			2021	\$17,000	2		

Current Repai	r Futur	e Replacement	M	aintenance	
% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100%	2036	* *	5	\$3,000	
Other Observation, Extent	: Light, Area Affected	: 100%			
Location: Basement					
Explanation: 2 - 275 Ga	llon Tanks				
-					
100%	2039	* *	1	\$9,500	
Other Observation, Extent	: Light, Area Affected	: 100%		. ,	
Location : Basement Med	hanical Room				
Explanation: (2) Oil Fire	ed Steam Boiler.				
100%	2036	* *	4	\$500	
100%	2031	* *	1	\$3,100	
	% of Fail Date Esting Total (Years) 100% Other Observation, Extent Location: Basement Explanation: 2 - 275 Gain 100% Other Observation, Extent Location: Basement Medic Explanation: (2) Oil Fire 100%	% of Fail Date Estimated Cost Total (Years) 100% 2036 Other Observation, Extent: Light, Area Affected Location: Basement Explanation: 2 - 275 Gallon Tanks 100% 2039 Other Observation, Extent: Light, Area Affected Location: Basement Mechanical Room Explanation: (2) Oil Fired Steam Boiler. 100% 2036	% of Fail Date Estimated Cost Total (Years) 100% 2036 Other Observation, Extent: Light, Area Affected: 100% Location: Basement Explanation: 2 - 275 Gallon Tanks 100% 2039 ** Other Observation, Extent: Light, Area Affected: 100% Location: Basement Mechanical Room Explanation: (2) Oil Fired Steam Boiler.	% of Total Vears Estimated Cost (Years) 100% 2036 ** 5 Other Observation, Extent: Light, Area Affected: 100% Location: Basement Explanation: 2 - 275 Gallon Tanks 100% 2039 ** 1 Other Observation, Extent: Light, Area Affected: 100% Location: Basement Hechanical Room Explanation: (2) Oil Fired Steam Boiler.	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost (Yrs) Cycle (Yrs) Estimated Cost (Yrs) 100% 2036 ** 5 \$3,000 Other Observation, Extent: Light, Area Affected: 100% 100% 2039 ** 1 \$9,500 Location: Basement Explanation: 2 - 275 Gallon Tanks 2039 ** 1 \$9,500 Other Observation, Extent: Light, Area Affected: 100% Location: Basement Mechanical Room Explanation: (2) Oil Fired Steam Boiler. ** 4 \$500

Air Conditioning

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

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

Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment				•		
Window/Wall Unit	20%	2021	\$4,200	1		
No Component	80%					
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
HW Heat Exchanger						
Low Temp	100%	2046	* *	4	\$1,400	
	Other Observation, Extent:	Light, Area Affected: 1	00%			
	Location: Basement					
	Explanation: Domestic C	oils, 40 Gallon Storage I	B Side			
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Fixtures						
Generic	100%					

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

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

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 418 A&B SCUBA SUPPORT/FT TOTTEN OPER.

Address : 418 WEAVER ROAD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.418 / 13778 Yr Built/Renovated : 1906 /

Area Sq Ft : 10,935 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

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

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$98,700	
Electrical		\$45,800
Total	\$98,700	\$45,800
Importance Code A	\$98,700	
Importance Code B		\$45,800
Total	\$98,700	\$45,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$34,100			
Interior Architecture	\$39,200		\$2,800	\$100
Electrical	\$8,700			
Mechanical	\$1,200	\$1,800	\$1,200	\$1,300
Total	\$83,200	\$1,800	\$4,000	\$1,400
Importance Code A	\$34,900	\$800	\$800	\$800
Importance Code B	\$39,000	\$1,000	\$3,200	\$600
Importance Code C	\$9,300			
Total	\$83,200	\$1,800	\$4,000	\$1,400



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

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

FORT TOTTEN - BLDG. # 418 A&B SCUBA SUPPORT/FT TOTTEN OPER.

Asset #: 13778

Architecture	Current Repair	Future Repla	cement	М	aintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Estima FY	ited Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior							
Exterior Walls				_			
Masonry: Brick	75%	LIFE	* *	5	\$14,300		
Granite Panels	15%	LIFE	* *	5	\$2,100		
Wood	10% Now \$21,300		**	5	\$2,400		
	Broken/Missing Elements, Extent: Me	oderate, Area Affec	ted : 5%				
	Location: Porch Soffit On B Side	ACC . 1 1000/					
	Paint Peeling, Extent : Moderate, Are	a Affectea : 100%					
	Location: Throughout	A.CC1 - 1000/					
	Split/Cracked, Extent : Moderate, Are Location : Porch Floors, Throughou						
Windows	Location . Torch Proors, Inroughor	<i></i>					
Aluminum	10%	2042	* *	5	\$200		
Wood	90% Now \$58,000		* *	5	\$9,700		
Wood	Air Infiltration, Extent : Moderate, Ai Location : Throughout			3	Ψ2,700		
	Glazing Broken/Cracked, Extent : Mo Location : Throughout.	derate, Area Affect	ed : 50%				
	Thermally Inefficient, Extent : Moder Location : Throughout	ate, Area Affected :	100%				
	Caulking Deteriorated, Extent : Mode Location : Throughout	rate, Area Affected	: 100%				
Roof							
Modified Bitumen	35% Now \$40,700		* *				
	Alligatoring, Extent : Moderate, Area Affected : 100%						
	Location : Porch Roofs, Throughout						
	Miss/Damaged Flashings, Extent : M		ted : 30%				
	Location : Porch Roofs, Throughout						
	Worn/Eroded, Extent : Moderate, Are Location : Porch Roofs, Throughout						
Slate	65% Now \$4,400	LIFE	* *				
	Broken/Missing Elements, Extent: Li, Location: Throughout	ght, Area Affected :	5%				

Interior

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

FORT TOTTEN - BLDG. # 418 A&B SCUBA SUPPORT/FT TOTTEN OPER.

Asset #: 13778

chitecture	Current	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Floors							
Cast in Place Concrete	10% Now	\$600	LIFE	**	5	\$2,200	
	Horizontal Cracks, E		Area Affe	cted : 10%			
	Location : Basemer						
Ceramic Tile	5% Now	\$1,000	2035	* *	5	\$200	
	Cracking/Crumbling		ea Affecte	ed : 5%			
	Location : Bathroo						
Vinyl Tile	10% 4+	\$500	2026	\$9,100	3	\$400	
	Broken/Missing Elen	_	_	ffected : 2%			
	Location : 1st Floo	r Kitchen On B Sid	e				
Wood	45% Now	\$15,800	2054	* *	5	\$4,200	
	Deteriorated Finish,			fected : 100%			
	Location : 1st Floo	r, B Side, Through	out.				
Wood	30%		2054	* *	5	\$5,600	
Interior Walls							
Ceramic Tile	5% Now	\$1,100	2035	* *	5	\$400	
	Cracking/Crumbling	, Extent : Light, Are	ea Affecte	ed : 5%			
	Location: Bathroo	ms.					
Masonry: Brick	10%		LIFE	* *	10	\$400	
Granite Panels	5%		LIFE	* *	10	\$300	
Plaster	75% Now	\$4,600	LIFE	* *	5	\$3,200	
	Horizontal Cracks, E		Affected	: 5%			
	Location: Through						
	Paint Peeling, Exten		cted : 5%				
	Location : Through	nout.					
Wood	5%		LIFE	* *	5	\$5,800	
Ceilings							
Embossed Metal	20%		LIFE	* *	5	\$1,800	
	Paint Peeling, Exten		cted : 5%				
	Location: 1st Floo	r, Throughout					
Plaster	80% Now	\$11,200	LIFE	* *	5	\$5,000	
	Broken/Missing Elen	ients, Extent : Mod	erate, Ar	ea Affected : 20%			
	Location : Basemer	ıt					
	Water Penetration, E	Extent : Light, Area	Affected	: 3%			
	Location: 1st Floo	r Bathroom					

Electrical	Current Repair	Future Replace	ment	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2046	* *	5		
	Other Observation, Extent : Light	t, Area Affected : 100%				
	Location: Basement Hallway.					
	Explanation: Two (2) 100 Amp	Service Switches				

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

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

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 418 A&B SCUBA SUPPORT/FT TOTTEN OPER.

Asset #: 13778

Electrical		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
Under 600 Volts								
Raceway								
Conduit	70%			2026	\$2,800	1		
Conduit	30%			2046	* *	1		
Panelboards								
Fused Disc Sw	50%			2042	* *	5	\$100	
Molded Case Bkrs	50%			2042	* *	5	\$100	
Wiring								
Thermoplastic	70%			2026	\$6,100	1		
Thermoplastic	30%			2036	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
Lighting								
Interior Lighting	750/			2026	¢45,000	10	¢7.500	
Fluorescent	75%	E		2026	\$45,800	10	\$7,500	
			xtent : Light, Area	Аဌјестеа	: 100%			
		: Through	=					
		ion : 1-8 F	ixtures In Use.		* • • • • • • • • • • • • • • • • • • •			
Incandescent	25%			2021	\$15,300	2	\$100	
Exterior Lighting								
HID	25%			2021	\$11,000	10		
Incandescent	75%	0-2	\$8,400	2031	* *	2		
			tent : Light, Area A	Affected .	: 100%			
	Location	: Porches	Areas					

Mechanical	Current Repair	Future	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2036	* *	5	\$3,400	
	Other Observation, Extent : I	ight, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 - 275 Gallo	n Tanks Each Side				
Conversion Equipment						
Hot Water Boiler	50%	2039	* *	1	\$2,700	
Steam Boiler	50%	2039	* *	1	\$5,400	
Distribution						
Hot Wtr Piping/Pump	50%	2034	* *	4	\$400	
Steam Piping/Pump	50%	2036	* *	4	\$300	
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$3,500	
Air Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		

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

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

FIRE DEPARTMENT - 057 FORT TOTTEN - BLDG. # 418 A&B SCUBA SUPPORT/FT TOTTEN OPER.

echanical	Current Repair Future Replacement		Replacement	Ma	aintenance	
stem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Conditioning						
Conversion Equipment						
Window/Wall Unit	100%	2021	\$24,000	1		
ımbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
HW Heat Exchanger						
Low Temp	100%	2046	* *	4	\$1,600	
	Other Observation, Extent : Light	, Area Affected : 1	00%			
	Location: Basement					
	Explanation: Domestic Coil In	Boiler / No Storag	e			
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
No Component	95%					
Generic	5%	2031	* *	1		
	Other Observation, Extent: Light	, Area Affected : 1	00%			
	Location: Basement					
	Explanation : Serves Boiler Onl	y				
Fixtures						
Generic	100%					

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 420 A&B FIRE BOROUGH CMD/EMS BOROUGH CMD

Address : 420 WEAVER ROAD

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.420 / 13779 Yr Built/Renovated : 1906 /

Area Sq Ft : 10,935 Project Type : FIRE DEPARTMENT

Date of Survey : 09-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT

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

Block : 5917 Lot : 1 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$126,700	
Electrical		\$101,200
Total	\$126,700	\$101,200
Importance Code A	\$126,700	
Importance Code B		\$101,200
Total	\$126,700	\$101,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$37,000			
Interior Architecture	\$53,100		\$3,800	\$500
Electrical	\$300			
Mechanical	\$1,300	\$1,900	\$1,300	\$1,600
Total	\$91,700	\$1,900	\$5,100	\$2,100
Importance Code A	\$38,000	\$1,000	\$1,000	\$1,000
Importance Code B	\$44,900	\$800	\$4,100	\$600
Importance Code C	\$8,800			\$500
Total	\$91,700	\$1,900	\$5,100	\$2,100



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

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

FORT TOTTEN - BLDG. # 420 A&B FIRE BOROUGH CMD/EMS BOROUGH CMD

Asset #: 13779

chitecture	Current R	epair	Future	Replacement	M	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
erior							
Exterior Walls							
Masonry: Brick	75%		LIFE	* *	5	\$60,200	
Granite Panels	5%		LIFE	* *	5	\$3,000	
Wood	20% Now	\$45,000	2039	* *	5	\$20,100	
	Paint Peeling, Extent		Affected : .	100%			
	Location: Siding, P						
	Worn/Eroded, Extent	: Moderate, Area A	Affected : 2	20%			
	Location: Porch Flo	oors					
Windows							
Wood	100% Now	\$81,700	2051	* *	5	\$34,000	
	Air Infiltration, Exten	t : Moderate, Area	Affected:	10%			
	Location : Through	out.					
	Thermally Inefficient,	Extent : Moderate,	, Area Affe	ected : 100%			
	Location: Throughout	out					
	Worn/Eroded, Extent	: Moderate, Area A	Affected : 1	100%			
	Location: Througho	out					
Roof							
Asphalt Shingle	70%		2035	* *	10	\$2,500	
Roll Roofing	30%		2022	\$28,800	5	\$10,900	
erior						. ,	
Floors							
Cast in Place Concrete	10%		LIFE	* *	5	\$6,700	
Ceramic Tile	5%		2041	* *	5	\$800	
Vinyl Tile	10%		2031	* *	3	\$600	
Wood	50% Now	\$13,500	2054	* *	5	\$7,200	
	Deteriorated Finish, I			cted : 50%		1 - 7	
	Location : B Side, T		33				
Wood	25%		2054	* *	5	\$7,200	
Interior Walls	2370		2034			Ψ1,200	
Ceramic Tile	5%		2035	* *	5	\$1,000	
Masonry: Brick	25%		LIFE	* *	10	\$1,500	
Granite Panels	5%		LIFE	* *	10	\$400	
Plaster	55%		LIFE	* *	5-10	\$9,200	
riastei	Paint Peeling, Extent	· Light Area Affec			3-10	\$9,200	
	Location : Stairwell		ieu . 1070				
				ata ata		*= 000	
Wood	10% Now	\$900	LIFE	* *	5	\$7,900	
	Worn/Eroded, Extent	-	ted : 5%				
	Location : Attic Bed	room					
Ceilings							
Embossed Metal	10%		LIFE	* *	5	\$1,400	
	Paint Peeling, Extent			5%			
	Location : Through	out Embossed Ceili	ng.				
	80%		LIFE	* *	5-10	\$21,000	
Plaster							
Plaster	Paint Peeling, Extent	: Light, Area Affec	ted : 10%				
Plaster			ted : 10%				

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

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

FORT TOTTEN - BLDG. # 420 A&B FIRE BOROUGH CMD/EMS BOROUGH CMD

Asset #: 13779

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
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2036	* *	5		
	Other Observation, Extent : Light, Ar	rea Affected	: 100%			
	Location: Basement Front Room.					
	Explanation: 1-200 Amp Service St	witch Servin	ag Both Buildings.			
Raceway						
Conduit	60%	2026	\$2,400	1		
Conduit	40%	2046	* *	1		
Panelboards						
Fused Disc Sw	50%	2042	* *	5	\$100	
Molded Case Bkrs	50%	2042	* *	5	\$100	
	Other Observation, Extent : Light, Ar	rea Affected	: 100%			
	Location: Basement					
	Explanation: Branch Circuit Panel	l.				
Wiring						
Thermoplastic	60%	2026	\$5,200	1		
Thermoplastic	40%	2046	* *	1		
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
Stand-by Power						
Batteries						
Not Accessible	100%					
Lighting						
Interior Lighting	100-1					
Fluorescent	100%	2026	\$57,100	10	\$9,400	
	Other Observation, Extent: Light, Ar	rea Affected	: 100%			
	Location: Throughout Bldg.					
	Explanation: T-8 Fixtures.					
Exterior Lighting	1000/	2025	4444	10		
HID	100%	2026	\$44,100	10		

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Fuel Oil No 2	100%	2036	* *	5	\$3,200	
	Other Observation, Extent : Light, Area	Affected:	100%			
	Location: Basement					
	Explanation : A & B Sides -2- 275 Ga	llon Tanks				
Conversion Equipment						
Steam Boiler	100%	2039	* *	1	\$10,100	
Distribution						
Steam Piping/Pump	100%	2036	* *	4	\$500	
Terminal Devices						
Convector/Radiator	100%	2031	* *	1	\$3,300	

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

Estimates are rounded to the nearest hundred dollars.

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

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

FORT TOTTEN - BLDG. # 420 A&B FIRE BOROUGH CMD/EMS BOROUGH CMD

lechanical	Current Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
r Conditioning						
Energy Source						
Electricity	100%	2042	* *	1		
Conversion Equipment						
Window/Wall Unit	100%	2021	\$22,500	1		
umbing						
H/C Water Piping						
Brass/Copper	100%	2046	* *	1		
HW Heat Exchanger						
Low Temp	100%	2046	* *	4	\$1,500	
	Other Observation, Extent:	Light, Area Affected	: 100%			
	Location : Basement					
	Explanation : Domestic Co	oil In Boilers With 40) Gallon Storage T	anks		
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Backflow Preventer						
No Component	95%					
Generic	5%	2031	* *	1		
	Other Observation, Extent:	Light, Area Affected	: 100%			
	Location: Basement					
	Explanation : Serves Boile	r Only				
Fixtures						
Generic	100%					

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : GREENPOINT EMS STATION 35

Address : 332 METROPOLITAN AVE @ ROEBLING ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : FIREMSS.035 / 14770 Yr Built/Renovated : 2013 /

Area Sq Ft : 9,800 Project Type : FIRE DEPARTMENT

Date of Survey : 29-Jan-2015 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2368 Lot : 12 BIN : 3391565

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$58,400
Total		\$58,400
Importance Code A		\$58,400
Total		\$58,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$55,800	\$4,000		
Interior Architecture	\$55,000	\$4,100	\$4,800	
Electrical	\$400	\$300	\$300	\$300
Mechanical	\$4,300	\$1,500	\$2,100	\$2,400
Total	\$115,600	\$9,800	\$7,200	\$2,600
Importance Code A	\$56,300	\$4,500	\$500	\$500
Importance Code B	\$43,300	\$5,300	\$6,500	\$2,200
Importance Code C	\$15,900		\$200	
Total	\$115,600	\$9,800	\$7,200	\$2.600



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

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

Asset #: 14770

Architecture		Current	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
xterior									
Exterior Walls									
Concrete Masonry Unit	12%			LIFE	* *	5	\$3,600		
Metal/Glass Curt Wall	32%			LIFE	* *	5	\$29,200		
	Thermally	Inefficient	, Extent : Moderate	, Area Ą	ffected : 50%				
	Location	: Central	Stair And Breezewo	ıy - Main	r Facade				
	Staining/L	iscoloring	, Extent : Moderate	, Area A	ffected : 15%				
	Location	: Perimete	er Gaskets - Main F	acade					
Metal Panel	48%			2052	* *	5-10	\$80,300		
Metal Sect. OHD	8%			2043	* *	5	\$6,100		
Windows									
Aluminum	15%			2048	* *	5	\$200		
No Component	85%								
Parapets									
Concrete Masonry Unit	45%			LIFE	* *	5-10	\$4,300		
Metal/Glass Curt Wall	15%			2052	* *	5	\$1,000		
Metal Panel	25%	Now	\$700	2052	* *	5	\$800		
	Miss/Dam	aged Copii	ngs, Extent : Severe	, Area Ą	ffected : 8%				
	Location	: Street Fo	acade						
	Other Obs	ervation, E	Extent : Severe, Are	a Affecte	d:8%				
	Location	: Street Fe	acade At Pedestriai	n Entran	ce				
	Explana	tion : Wate	r Cascading From	Coping A	Above And Then Fi	reezing C	Causes Icicles To		
	Drop On	to Sidewal	k						
Metal: Cage/Fence	15%			2043	* *	5-10	\$2,000		
Roof									
IRMA/Protected	60%			2034	* *	10	\$4,900		
Membrane									
Plaza Roof: Stone Panels	15%			2052	* *				
Skylight, Metal/Glass	13%			2052	* *	10	\$3,500		
Sloped Glazing	12%			LIFE	* *	5	\$26,000		
nterior									
Floors									
Cast in Place Concrete	65%			LIFE	* *	5	\$51,200		
Ceramic Tile	3%			2039	* *	5	\$500		
Sheet Vinyl/Rubber	32%			2034	* *	5	\$8,600		
Interior Walls	·	·							
Cast in Place Concrete	15%			LIFE	* *	10	\$7,000		
Ceramic Tile	2%			2039	* *	5	\$400		
Concrete Masonry Unit	40%			LIFE	* *	5	\$6,000		
Concrete Masonry Unit	15%			LIFE	* *	5	\$2,300		
Glass: Single Pane	10%			LIFE	* *	5	\$2,800		
Gypsum Board	15%			LIFE	* *	5-10	\$4,800		
Metal Panel	3%			LIFE	* *	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 #: 14770

Architecture		Current Re	epair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2043	* *	5	\$3,600	
AcousTileSusp.Lay-In	25%			2043	* *	5	\$4,500	
Exposed Concrete	20%			LIFE	* *	5-10	\$4,500	
Gypsum Board	10%			LIFE	* *	5-10	\$6,200	
Metal Panel	25%			LIFE	* *	5	\$11,300	

Electrical	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimat	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2056	* *	5		
	Other Observation, Extent : Moderat	te, Area Affected : 10	0%			
	Location: Electrical Room					
	Explanation: One 600 Amps Main	Disconnect Switch				
Switchgear / Switchboard						
Fused Disc Sw	100%	2056	* *	5		
Raceway						
Conduit	100%	2056	* *	1		
Panelboards						
Fused Disc Sw	5%	2051	* *	5		
Molded Case Bkrs	95%	2051	* *	5	\$200	
Wiring						
Thermoplastic	100%	2056	* *	1		
Motor Controllers						
Locally Mounted	100%	2046	* *	5	\$100	
	Other Observation, Extent : Moderat	te, Area Affected : 10	0%			
	Location: 1st Floor Hallway					
	Explanation: Motor Controllers Co MS	onnected To Energy l	Managem	ent Cont	rol Corp. Under B	
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	
Lighting						
Interior Lighting					4-1-	
Fluorescent	90%	2036	* *	10	\$8,100	
	T-8 Lamps, Extent : Moderate, Area					
	Location: Throughout The Building	g				
Fluorescent	10%	2036	* *	10	\$900	
	Compact Fluorescent Light, Extent:		cted : 100	0%		
	Location : Throughout The Building	g				
Egress Lighting						
Emergency, Battery	50%	2036	* *	10	\$1,200	
Exit, Service	50%	2036	* *	1		

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

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

Asset #: 14770

Electrical		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
Lighting								
Exterior Lighting								
Fluorescent	40%			2036	* *	10	\$400	
HID	60%			2036	* *	10		
Alarm								
Security System								
No Component	30%							
Generic	70%			2036	* *	1	\$2,600	
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			

Mechanical	Current Repair	Future I	Replacement	M		
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year E	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2056	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2046	* *	1	\$4,900	
	Recent Installation, Extent: Light	ht, Area Affected : .	100%			
	Location: 1 Unit In The Basen	nent				
Distribution						
Hot Wtr Piping/Pump	100%	2051	* *	4	\$500	
Terminal Devices						
Air Handler	60%	2036	* *	1	\$3,600	
Fan Coil Unit/Heat	20%	2036	* *	1	\$600	
Unit Heater-Stm/HW	20%	2036	* *	4	\$200	
Air Conditioning						
Energy Source						
Electricity	100%	2051	* *	1		
Conversion Equipment						
Ext Pkg Unit - Cooling	75%	2036	* *	2	\$500	
	Other Observation, Extent: Light Location: On The Roof	nt, Area Affected : 1	100%			
	Explanation: Two Units					
No Component	25%					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$8,700	
Exhaust Fans					·	
Interior	10%	2036	* *	2		
Roof	90%	2036	* *	2	\$300	
Plumbing					•	
H/C Water Piping						
Brass/Copper	100%	2056	* *	1		
Water Heater						
Gas Fired	100%	2026	\$2,200	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.

Asset #: 14770

Mechanical	Curr	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing							
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Sewage Ejector(s)							
Electric	100%		2036	* *	4	\$1,600	
Backflow Preventer							
Generic	100%		2036	* *	1	\$600	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
No Component	10%						
Generic	90%		2056	* *	1-2	\$2,500	

Page: 509

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Address : 253 LAFAYETTE STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIRSLAD.020 / 13218 Yr Built/Renovated : 1965 /

Area Sq Ft : 28,866 Project Type : FIRE DEPARTMENT

Date of Survey : 26-May-2015 Landmark Status : NONE

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

Block : 495 Lot : 7 BIN : 1007523

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$148,900	
Interior Architecture		\$147,700
Electrical	\$64,300	\$171,700
Mechanical	\$229,800	\$42,800
Total	\$443,000	\$362,200
Importance Code A	\$148,900	
Importance Code B	\$294,100	\$362,200
Total	\$443,000	\$362,200

\$225,900 \$45,300 \$122,700 \$57,900	\$18,700 \$1,700 \$16,900	\$20,600 \$3,600 \$17,000	\$29,200 \$1,700 \$24,500 \$3,000
\$45,300	\$1,700	\$3,600	\$1,700
,	,	,	,
\$225,900	\$18,700	\$20,600	\$29,200
			440 400
\$3,900	\$3,900	\$3,900	\$3,900
\$33,200	\$12,400	\$11,000	\$15,900
\$4,200	\$2,300	\$3,000	\$2,700
\$141,200		\$1,100	\$6,600
\$43,300		\$1,500	
FY 2017	FY 2018	FY 2019	FY 2020
	\$43,300 \$141,200 \$4,200 \$33,200 \$3,900	\$43,300 \$141,200 \$4,200 \$33,200 \$3,900 \$3,900 \$3,900	\$43,300 \$1,500 \$141,200 \$1,100 \$4,200 \$2,300 \$3,000 \$33,200 \$12,400 \$11,000 \$3,900 \$3,900 \$3,900



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

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

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset #: 13218

rchitecture	Current Repair	Future Replac	ement	M					
stem Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estimat FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority			
terior		•							
Exterior Walls									
Cast in Place Concrete	5%	LIFE	* *	5	\$4,900				
	Exposed Reinforcement, Extent		6						
	Location : Above Garage Doc	r							
Masonry: Brick	85%	LIFE	* *	5	\$16,500				
	Cracking/Crumbling, Extent : Light, Area Affected : 2%								
	Location : Roll Up Gate For U	Inderground Parking							
	Spalling, Extent : Light, Area A	ffected : 2%							
	Location: Front Of Building	Around Door And Garage	Doors						
Metal Sect. OHD	10%	2039	* *	5	\$3,000				
	Other Observation, Extent : Lig	ht, Area Affected : 5%							
	Location : Apparatus Floor								
	Explanation: Dents In Lower	Panel							
Windows									
Aluminum		6,100 2051	* *	5	\$300				
	Air Infiltration, Extent: Light, A	Area Affected : 75%							
	Location: Throughout								
	Unit Inoperable, Extent : Mode								
	Location: Various Throughou	ıt							
Parapets									
Masonry: Brick		3,300 LIFE	* *	5	\$1,200				
	Jnt Mortar Miss/Erod, Extent:	Light, Area Affected : 5%							
	Location : 4th Floor Roof.								
Masonry: Limestone	20%	LIFE	* *	5-10	\$3,600				
Roof									
Modified Bitumen		8,900 2036	* *						
	Alligatoring, Extent: Moderate, Area Affected: 100%								
	Location: 4th Floor Roof								
	Blisters, Extent: Light, Area Affected: 2%								
	Location: 4th Floor Roof.								
	Deteriorated Finish, Extent : M	oderate, Area Affected : 10	00%						
	Location : 4th Floor Roof								

Interior

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset #: 13218

Architecture		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior	•			•				•
Floors								
Carpet	10%		\$26,900	2022	\$53,900	3	\$6,500	
			, Extent : Moderate	, Area A	ffected : 50%			
			3rd Floor Offices					
			: Moderate, Area	Affected	: 50%			
	Location	ı : 2nd And	3rd Floor Offices					
Cast in Place Concrete	50%		\$11,000	LIFE	* *	5	\$47,300	
			Extent : Light, Area		: 5%			
	Location	ı : South Si	de Apparatus Flooi	r.				
Ceramic Tile	5%			2029	* *	5	\$2,200	
Terrazzo	5%			LIFE	* *	5	\$3,400	
Vinyl Tile	28%	Now	\$5,000	2026	\$100,500	3	\$4,500	
			: Light, Area Affec	ted : 159	%			
	Location	ı : Various	Throughout.					
Wood	2%			2066	* *	5	\$1,600	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	\$14,900	
Ceramic Tile	10%			2035	* *	5	\$5,900	
Concrete Masonry Unit	5%		\$6,400	LIFE	* *	5	\$1,200	
		_	nents, Extent : Ligh		ffected : 1%			
		=	Stair At Apparatus					
			Extent : Light, Area	Affected	: 2%			
		ı : Stair Sh	-		20/			
			ent : Light, Area Aff	ected: 2	2%			
		ı : Stair Sh	a ji .					
Gypsum Board	30%			LIFE	* *	5-10	\$30,300	
Plaster	15%		\$3,500	LIFE	**	5	\$2,700	
	_	_	Extent : Severe, A.	rea Affec	cted: 10%			
		ı : 2nd Floo						
SGFT/Glazed Masonry	30%		\$13,500	LIFE	* *			
	_	_	Extent : Light, Are	ea Affect	ed : 2%			
	Location	ı : Apparat	us Floor.					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset #: 13218

Architecture		Current Re	epair	Futui	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	\$3,400	2031	* *	5	\$2,700	
	Broken/M	issing Eleme	nts, Extent : Ligh	t, Area A	ffected : 5%			
	Location	: 4th Floor	Offices And Kitch	en				
	Staining/L	Discoloring, I	Extent : Light, Are	ea Affect	ed : 5%			
	Location	: 4th Floor	Offices And Kitch	en				
AcousTileSusp.Lay-In	20%	Now	\$3,400	2031	* *	5	\$4,300	
	Broken/M	issing Eleme	nts, Extent : Seve	re, Area	Affected : 25%			
	Location	: 2nd Floor	Gymnasium, Bat	hroom A	nd Linen Closet 2-	09.		
	Staining/L	Discoloring, I	Extent : Moderate	, Area A	ffected : 10%			
	Location	: 2nd Floor	· Conference Room	n.				
Exposed Concrete	30%			LIFE	* *	5-10	\$16,200	
Gypsum Board	10%			LIFE	* *	5-10	\$14,900	
Plaster	30%	Now	\$8,300	LIFE	* *	5	\$8,100	
	Cracking/	Crumbling, 1	Extent : Severe, A	rea Affe	cted : 25%			
	Location	: 2nd Floor	·Locker					

Electrical		Current I	Repair	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	
Under 600 Volts									
Service Equipment									
Molded Case Bkrs	100%			2026	\$4,700	5	\$800		
Raceway									
Conduit	75%			2026	\$23,000	1			
Conduit	25%			2046	* *	1			
Panelboards									
Molded Case Bkrs	100%			2025	\$37,700	5	\$800		
Wiring									
Thermoplastic	100%			2036	* *	1			
Motor Controllers									
Motor Control Center	100%			2024	\$14,100	5	\$800		
Ground									
Grounding Devices									
Generic	100%	0-2	\$900	LIFE	* *	5	\$400		
	Other Obse	rvation, E	Extent : Severe, Are	a Affecte	d: 20%				
	Location	: Basemen	t						
	Explanati	on : Servi	ce Ground At Wate	r Main I	s Severely Corrode	rd .			
Stand-by Power									
Transfer Switches									
Automatic	100%			2024	\$4,700	1	\$8,900		
Generators									
Diesel	100%	2-4	\$64,300	2041	* *	1	\$10,100		
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location	: Basemen	t						
	Explanati	on: On E	xtended Life						

 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period}. \ \textit{Site specific cost escalations are not included}.$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset #: 13218

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2017	\$1,500	5	\$1,100	
Fuel Storage								
Day Tank	10%			2034	* *	5	\$500	
			xtent : Light, Area	Affected	: 100%			
	Location							
	Explanati	on : 10 G	ıllon					
Main Tank	90%			2041	* *	5	\$800	
			xtent : Light, Area	Affected	: 100%			
	Location .							
	Explanati	on : 275 C	Fallon					
Lighting								
Interior Lighting								
Fluorescent	30%			2026	\$54,200	10	\$7,900	
	Other Obse Location .		xtent : Light, Area out	Affected	: 100%			
		_	y T-8 Fixtures					
Incandescent	10%			2026	\$18,100	2	\$100	
LED	60%			2034	* *	_	4100	
Egress Lighting								
Emergency, Battery	1%			2026	\$400	10	\$100	
Exit, Service	98%			2026	\$3,100	1	, , , ,	
Exit, Service	1%	0-2		2036	**	1		
,	Not Function	oning, Ext	ent : Severe, Area A	Affected .	: 100%			
	Location	: Second F	loor					
Exterior Lighting								
HID	75%			2021	\$79,800	10	\$100	
Incandescent	25%			2021	\$22,600	2		
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	\$25,600	1	\$3,200	
Fire/Smoke Detection								· · · · · · · · · · · · · · · · · · ·
No Component	90%							
Generic, Analog	10%			2021	\$29,200			
			ed Detect, Extent :	Light, A	rea Affected : 1009	%		
	Location .	Through	out					

Mechanical	Curre	nt Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Energy Source							
Natural Gas	100%		2046	* *	1		

Note: 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.

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset #: 13218

Mechanical	Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment						_	44.000	
Heat Pump	20%		T	2027	**	2	\$1,800	
			Extent : Light, Area or Mechanical Roo		: 100%			
			or Mechanicai Roo ing Interior Space (r Floors			
Hot Water Boiler	40%	ion . servi	ing Interior Space (2039	**	1	\$5,700	
Hot water Boller		ervation I	Extent : Light, Area			1	\$3,700	
			or Mechanical Roo		. 10070			
			ing Upper Office S _I					
Steam Boiler	40%		g opper ojjiec op	2031	* *	1	\$11,400	
Steam Boner		ervation. I	Extent : Light, Area		: 100%	1	Ψ11,+00	
			nt Mechanical Room		. 100,0			
	Explanat	ion : Servi	ing Ladder Co. 20 S	Брасе				
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$70,800	2042	* *	4	\$1,400	
1 0 1	Other Obs	ervation, I	Extent : Severe, Are	a Affecte	d : 100%			
	Location	: Various	Locations Fan Coi	l Units				
	Explanat	ion : Cont	rols Broken					
Terminal Devices								
Fan Coil Unit/Heat	95%			2031	* *	1	\$8,900	
Unit Heater-Stm/HW	5%			2026	\$9,100	4	\$200	
Air Conditioning								
Energy Source	1.000/			20.42	* *	1		
Electricity	100%			2042	* *	1		
Conversion Equipment Reciprocating	80%	2-4	\$76,500	2036	* *	1	\$9,600	
Compr/Chiller	80%	Z-4	\$70,300	2030		1	\$9,000	
Compi/Chinici	Malfunctio	mino Exte	ent : Moderate, Are	a Affecte	d · 10%			
	-	-	echanical Room		. 10,0			
			tent : Light, Area A	ffected :	100%			
		: 2 Chille		55				
Window/Wall Unit	15%			2021	\$8,700	1		
No Component	5%			2021	ψο,700	-		
Distribution								
Chilled Wtr Pipe/Pump	80%	Now	\$5,200	2036	* *	4	\$1,100	
	Leak Evide	ent, Extent	: Moderate, Area A	Affected :	100%			
	Location	: 2nd Flo	or					
No Component	20%							
Terminal Devices								
Fan Coil - Cooling	80%	Now	\$82,500	2031	* *	1	\$6,700	
-	Other Obs	ervation, I	Extent : Severe, Are	a Affecte	d : 100%			
			Locations Fan Coi	l Units				
	Explanat	ion : Cont	rols Broken					
No Component	20%							
Heat Rejection								
Air Condenser Unit	80%			2026	\$42,800	2	\$16,100	
No Component	20%		rs and are not escala					

Note: 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.

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset #: 13218

Mechanical	Current Repair	Current Repair Future Replacer		ement Maintenance		
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority
entilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$25,500	
Exhaust Fans	1000/	2024	ale ale		Φ000	
Roof	100%	2031	* *	2	\$900	
lumbing						
H/C Water Piping Brass/Copper	50%	2046	* *	1		
Galv Iron/Steel	50%	2031	* *	1		
Water Heater	3070	2031				
Electric	25%	2021	\$1,100	4	\$100	
	Other Observation, Extent : I				7-00	
	Location: 2nd Floor	-				
	Explanation: 50 Gallon Un	it				
Gas Fired	75%	2021	\$4,900	2	\$300	
	Other Observation, Extent : L	ight, Area Affected : 100				
	Location: Basement					
	Explanation: 2 - 120 Gallo	n Units				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Rigid Piping	100%	2026	\$10,800	4	\$2,500	
Fixtures	1000/					
Generic	100%					
ertical Transport						
Elevators Geared Traction	100%	LIFE	* *			
Geared Traction	Other Observation, Extent : I					
	Location: Basement To 4th		,,0			
	Explanation: 1 Unit	11001				
ire Suppression	Ziquinani 1 cm					
Sprinkler						
No Component	90%					
Generic	10%	2046	* *	1-2	\$800	
	Other Observation, Extent : L	ight, Area Affected : 100	0%			
	Location: Basement					
	Explanation: Sprinklers					
Chemical System						
Generic		\$15,300 2024	\$25,500	1-3	\$46,900	
	Not in Service, Extent: Sever	e, Area Affected : 100%				
	Location : Kitchen					

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : LADDER CO. 25/ENGINE CO. 74/ HOOK 25

Address : 205 W 77th STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 13,300 Project Type : FIRE DEPARTMENT

Date of Survey : 29-Mar-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 1169 Lot : 26 BIN : 1030885

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$70,500	
Total	\$70,500	
Importance Code B	\$70,500	
Total	\$70,500	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$36,500		\$2,700	\$4,200
Interior Architecture	\$17,800			
Electrical	\$1,100	\$4,100	\$1,200	\$1,300
Mechanical	\$4,000	\$1,300	\$9,100	\$2,200
Total	\$59,300	\$5,400	\$12,900	\$7,600
Importance Code A	\$37,100	\$700	\$3,300	\$4,800
Importance Code B	\$7,000	\$4,700	\$9,600	\$2,800
Importance Code C	\$15,200			
Total	\$59,300	\$5,400	\$12,900	\$7,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13219

rchitecture		Current Repair		Futur	Future Replacement		Maintenance	
ystem Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
terior								
Exterior Walls			4.000			_		
Cast Stone/Terra Cotta	3%	4+	\$3,800	LIFE	**	5	\$9,400	
			l, Extent : Light, A					
		Isolated	Locations On Stree	et Facing	Facade			
Cast Stone/Terra Cotta	2%			LIFE	* *	5	\$6,300	
Masonry: Brick	35%	4+	\$8,300	LIFE	* *	5	\$14,100	
			l, Extent : Light, A					
	Location :	Several I	Locations On Stree	t Facing	Facade			
Masonry: Brick	35%			LIFE	* *	5	\$14,100	
Masonry: Limestone	10%	4+	\$9,500	LIFE	* *	5	\$3,000	
•	Jnt Mortar	Miss/Eroc	l, Extent : Light, Ai	rea Affec	ted : 10%			
	Location :	Several I	Locations On Stree	t Facing	Facade			
Masonry: Limestone	10%			LIFE	* *	5	\$3,000	
Metal Sect. OHD	5%			2040	* *	5	\$6,300	
Windows	370			2010			Ψ0,300	
Aluminum	100%			2045	* *	5	\$2,100	
7 Hummum		rvation. F.	xtent : Light, Area		. 1%	3	Ψ2,100	
	Location :		_	1199001001	. 170			
			ched Insect Screen					
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$6,100	
Masonry: Brick	45%			LIFE	* *	5	\$1,800	
Metal Panel	35%			2049	* *	5	\$5,300	
Roof							72,200	
Modified Bitumen	93%	0-2	\$14,800	2028	* *			
			lerate, Area Affecte					
			Locations Through					
			ıt : Moderate, Ared		l: 10%			
	Location :			33				
		_	tent : Moderate, Ar	ea Affec	ted : 10%			
	_		Locations Along La					
			derate, Area Affect	-	ń			
	0,		Of Roof, Localized I					
Skylight Dlastic			J - J,	2040	**	1		
Skylight, Plastic	2% 5%				**	1 5	¢0.400	
Sloped Glazing	5%			LIFE		3	\$9,400	
terior								
Floors Cast in Place Concrete	250/			LIDD	* *	5	¢15 200	
	35%			LIFE	**	5	\$15,200	
Ceramic Tile	10%	2.4	\$70 F00	2036	**	5	\$2,000	
Wood	55%	2-4	\$70,500	2051		5	\$10,300	
			Extent : Severe, Ar	ea Affect	ea : /5%			
	Location :	All Wood	ı r tooring					

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13219

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
nterior								
Interior Walls								
Ceramic Tile	20%		\$3,200	2036	* *	5	\$2,900	
			Extent: Moderate					
	Location	ı : Several I	Locations Of Crack	ed Tile V	Within Apparatus I	Floor Are	ea	
Concrete Masonry Unit	5%			LIFE	* *	5	\$600	
Gypsum Board	5%			LIFE	* *	5	\$900	
Masonry: Brick	25%	Now	\$5,600	LIFE	* *			
	Other Ob:	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Kitchen						
	Explana	tion : Steel	Door To Kitchen I	s Not Cla	osing			
Plaster	25%			LIFE	* *	5	\$2,200	
	Recent Re	pair Evider	nt, Extent : Light, A	rea Affe	cted : 100%			
	Location	ı : Through	out					
Wood	20%	4+	\$6,400	LIFE	* *	5	\$23,600	
	Punct/Tea	ır/Impact D	amage, Extent : Me	oderate, .	Area Affected : 10	0%		
	Location	ı : Through	out					
Ceilings								
Exposed Struc: Steel	30%			LIFE	* *			
Metal Panel	20%			LIFE	* *	5	\$5,000	
Plaster	50%	2-4	\$2,600	LIFE	* *	5	\$6,200	
	Other Ob:	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : 2nd Floo	or Street Side					
	Explana	tion : Diag	onal Hairline Crac	ks				
Site Pavements								
On-Site Walkways								
Pavers	100%			2036	* *			

ectrical	Current Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2049	* *	5	\$100	
	Recent Installation, Extent :	Light, Area Affected	: 100%			
	Location: Basement Servic	e Area				
	Other Observation, Extent : I	Light, Area Affected	: 100%			
	Location: Basement Service	e Area.				
	Explanation: 600 Amp Ser	vice Switch				
Switchgear / Switchboard						
Fused Disc Sw	100%	2049	* *	5	\$100	
Raceway						
Conduit	100%	2049	* *	1		
Panelboards						
Molded Case Bkrs	100%	2045	* *	5	\$400	
Wiring						
Thermoplastic	100%	2049	* *	1		

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13219

Electrical	Current Repair	Future Rep	olacement	М	aintenance				
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Under 600 Volts									
Motor Controllers				_					
Locally Mounted	100%	2036	* *	5	\$100				
Ground									
Grounding Devices	1000/	LIEE	* *	~	#200				
Generic	100%	LIFE	**	5	\$200				
Stand-by Power									
Transfer Switches Automatic	100%	2040	* *	1	\$4.100				
Automatic				1	\$4,100				
	Other Observation, Extent : Light, Area Affected : 100% Location : Basement Near Service Area								
	Explanation: Rating Not V								
Generators	Explanation . Rating two v	isiote							
Diesel	100%	2036	* *	1	\$5,200				
Dieser	Other Observation, Extent : 1		%	1	ψ3,200				
	Location : Rear Of Baseme	0	, •						
	Explanation : 80 Kva								
Batteries	1								
Lead/Acid	100%	2018	\$1,500	5	\$500				
Fuel Storage									
Main Tank	100%	2051	* *	5	\$400				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement Rear								
	Explanation : 60 Gallon Ta	nk, Shared With Apparat	us Fuel Tank						
Lighting									
Interior Lighting									
Fluorescent	45%	2031	* *	10	\$5,500				
	Other Observation, Extent : I		9%						
	Location : 2nd And 3rd Flo								
	Explanation: Bi- Pin Comp	pact Fluorescent							
Fluorescent	45%	2031	* *	10	\$5,500				
	T-8 Lamps, Extent: Light, An								
	Location: Basement And 1.	st Floor							
Incandescent	10%	2028	* *	2					
	Obsolete Fixtures, Extent : Light, Area Affected : 100%								
	Location: 1st Floor Kitche	n And Lounge							
	Other Observation, Extent : I		%						
	Location: 1st Floor Kitche	n And Lounge							
	Explanation: Downlights								

Maintenance \$ are aggregated over a 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: 520

FIRE DEPARTMENT - 057 LADDER CO. 25/ENGINE CO. 74/ HOOK 25

Asset #: 13219

Electrical	Current Repa	ir Futi	ire Replacement	М	aintenance				
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority			
Lighting									
Egress Lighting									
Emergency, Service	80%	2031	* *	1					
	Damaged Fixtures, Exten	t : Moderate, Area Af	fected : 20%						
	Location: Bunkroom (Bulbs Missing)								
	Other Observation, Extent: Light, Area Affected: 100%								
	Location: Throughout								
	Explanation : Unswitche Types	ed Emergency Light F	ixtures Are Integrai	ed With	Ceiling Fixture				
Exit, Service	20%	2031	* *	1					
	Recent Installation, Exten	t : Light, Area Affecte	d: 100%						
	Location : Throughout I	Building							
Exterior Lighting									
Fluorescent	100%	2028	* *	10	\$1,200				
	Inadequate Ltg Level, Extent : Moderate, Area Affected : 100%								
	Location : Exterior - Front								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Exterior - Fr	ont							
	Explanation : Operated	By Timer							
Alarm									
Fire/Smoke Detection									
No Component	75%								
Generic	25%	2031	**	1-3	\$2,000				
	Devices Missing, Extent : Severe, Area Affected : 100% Location : Smoke Detectors Missing Throughout								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 2nd Floor								
	Explanation : Strobe Ob	served - Other Devic	es And Control Pan	el Was N	lot Observed				

Mechanical	Current Repair	Future Repl	acement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	100%	2049	* *	1		
Conversion Equipment						
Hot Water Boiler	100%	2040	* *	1	\$6,600	
	Other Observation, Extent: Light, Are	a Affected : 100%	6			
	Location: Basement					
	Explanation: Hydro-Therm Multi-T	Temp. 3 Boilers P	ackaged			
Distribution						
Hot Wtr Piping/Pump	100%	2045	* *	4	\$1,000	
Terminal Devices						
Convector/Radiator	90%	2040	* *	1	\$3,900	
Unit Heater-Stm/HW	10%	2031	* *	4	\$100	
Air Conditioning						
Energy Source						
Electricity	100%	2045	* *	1		

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13219

Mechanical	Current Repai	r Future Rep	Future Replacement		Maintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year Estir FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning						
Conversion Equipment						
Ext Pkg Unit -	100%	2031	* *	2	\$800	
Heating/Cooling						
Distribution Distribution	1000/	LIEE	* *	2	¢17.200	
Ductwork/Diffusers	100%	LIFE		2	\$17,300	
Heat Rejection Evap Condenser	100%	2031	* *	2	\$9,300	
Ventilation Evap Condenser	10070	2031			\$2,300	
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$7,400	
Exhaust Fans					1.7.	
Roof	100%	2031	* *	2	\$400	
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Gas Fired	100%	2022	\$3,000	2	\$200	
		: Light, Area Affected : 1009	%			
	Location: Basement	0 C -11 E l				
Conitory Dining	Explanation: 2 - Units 9	9 Galions Each				
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping	10070	LIFE		1		
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)	10070	En E				
Rigid Piping	100%	2028	* *	4	\$1,600	
8 1 8		: Light, Area Affected : 1009	%		, ,	
	Location: Basement	-				
	Explanation: 2 Pits With	Pumps				
Backflow Preventer						
No Component	95%					
Generic	5%	2031	* *	1		
		: Light, Area Affected : 1009	%			
	Location: Basement					
	Explanation : Serves Boi	ler Only				
Fixtures	1000/					
Generic	100%					
Fire Suppression Sprinkler						
Generic	100%	2049	* *	1-2	\$3,700	
GCIICIIC	100/0	2U47		1-2	\$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.

Page: 522

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : MAINTENANCE GARAGE LIC

Address : 48-34 35TH STREET LONG ISLAND CITY

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 205,000 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jun-2014 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 254 Lot : 1 BIN : 4003451

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$40,300	\$578,500
Interior Architecture	\$43,900	\$512,800
Electrical		\$171,100
Mechanical	\$56,200	\$226,200
Total	\$140,300	\$1,488,500
Importance Code A	\$40,300	\$578,500
Importance Code B	\$100,000	\$910,000
Total	\$140,300	\$1,488,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$48,000			
Interior Architecture	\$43,200	\$5,200	\$8,700	
Electrical	\$29,000	\$16,500	\$16,500	\$23,200
Mechanical	\$11,500	\$7,300	\$20,600	\$12,000
Total	\$131,600	\$29,100	\$45,900	\$35,200
Importance Code A	\$48,200	\$100	\$100	\$100
Importance Code B	\$75,200	\$29,000	\$45,800	\$35,100
Importance Code C	\$8,300			
Total	\$131.600	\$29,100	\$45,900	\$35,200



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2010

Architecture		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls	5.5 0.4				de de	_	#220 000	
Cast in Place Concrete	75%			LIFE	* *	5	\$230,900	
Metal Panel	15%	N.T.	¢10.000	2051	* *	5-10	\$63,500	
Metal Sect. OHD	10%	Now	\$18,800	2038		5	\$9,600	
			Extent : Moderate, 1 cade Entrance	<i>Агеа А</i> јје	ciea : 10%			
		i . Lasi Pac tion : Bent						
Windows	Елрини	non . Beni	тагреа					
Aluminum	95%	Now	\$29,000	2047	* *	5	\$1,800	
			cked, Extent : Mode		a Affected : 2%	C	Ψ1,000	
	_	: Carpent			30			
	Caulking 1	Deteriorate	ed, Extent : Modera	ıte, Area .	Affected : 25%			
	Location	: Second	Floor Offices					
	Water Per	etration, E	Extent : Moderate, A	Area Affe	cted : 10%			
	Location	: Second	Floor Offices					
Metal Louvers	5%	Now	\$300	2034	* *			
	Corrosion	/Rusting, E	Extent : Light, Area	Affected	: 25%			
	Location	: Through	out					
Parapets								
Cast in Place Concrete	95%			LIFE	* *	5	\$108,600	
Metal Panel	5%			2051	* *	5	\$2,100	
Roof								
Modified Bitumen	65%		440.000	2033	* *	10	\$153,400	
Modified Bitumen	30%	0-2	\$40,300	2033	* *			
	_		oderate, Area Affec	ted : 35%	9			
		: Flat Roc		una Affan	401.50/			
	-	en/Sput, Ex v : Flat Roc	ctent : Moderate, A	rea А <u></u> ∏ес	tea : 5%			
Skylight, Metal/Glass	5%	. I tui Roc	93	2045	* *	10	\$39,300	
nterior	370			2043		10	Ψ37,300	
Floors								
Cast in Place Concrete	65%			LIFE	* *	5	\$396,900	
Ceramic Tile	5%			2034	* *	5	\$14,000	
Terrazzo	5%			LIFE	* *	5	\$10,900	
Vinyl Tile	5%			2025	\$115,900	3	\$5,200	
Vinyl Tile	15%			2033	* *	3	\$15,700	
Under Construction	5%							
Interior Walls		·						
Cast in Place Concrete	5%	Now	\$8,300	LIFE	* *			
			Extent : Moderate Lintel Second Floo					
Consusts Massauri II		. window	Emilei Secona I'loc		* *	- F	¢1 100	
Concrete Masonry Unit				LIFE	* *	5	\$1,100	
Gypsum Board Plaster	25% 35%			LIFE LIFE	* *	5 5	\$4,000 \$2,800	
SGFT/Glazed Masonry	35% 20%			LIFE	* *	3	\$2,800	
Under Construction	20% 5%			LIFE				
Under Construction	5%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2010

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%			2042	* *	5	\$69,800	
Exposed Concrete	50%			LIFE	* *	5	\$21,800	
Exposed Concrete	5%	Now	\$43,900	LIFE	* *	5	\$2,200	
	Cracking/	Crumbling,	Extent: Moderate	, Area A	ffected : 10%			
	Location	: Concrete	Beam At Ceiling (Over Sto	rage Area			
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	\$17,400	
Under Construction	5%							

Estimated Cost			
Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
* *	5	\$800	
ed : 100%			
* *	5	\$500	
ed : 100%			
er			
* *	1		
* *	5	\$100	
* *	5	\$5,300	
* *	1		
* *	5	\$1,400	
* *	5	\$3,000	
* *	1	\$63,100	
·	** ed:100% ** ** ** ** **	** 5 ed:100% ** 5 ed:100% r ** 1 ** 5 ** 5 ** 1 ** 5	** 5 \$800 ** 5 \$500 r ** 1 ** 5 \$1,400 ** 5 \$3,000

 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2010

Electrical	Current Repair Futur		ıture Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Generators	1000/	2020	ale ale		Φ70.400	
Diesel	100% Other Observation, Extent: Moderat	2038	* *	1	\$79,400	
	Location : Generator Room	e, meangeen	ей. 10070			
	Explanation : 2- Emergency General	ators No Avai	lable Nameplate	Ratings		
Batteries	1 5					
Lead/Acid	100%	2020	\$1,500	5	\$7,600	
Fuel Storage						
Day Tank	50%	2047	* *	5	\$17,300	
	Other Observation, Extent : Moderat	e, Area Affect	ed : 100%			
	Location: Generator					
	Explanation: 620 Gallons Capacit	·			** ** * *	
Main Tank	50%	2060	**	5	\$2,700	
	Other Observation, Extent : Moderat Location : Underground	e, Area Affect	ed: 100%			
	Explanation : No Available Namep	lata Patina Ca	macity			
Lighting	Explanation : No Available (vame)	iaie Kaiing Ca	іриспу			
Interior Lighting						
Fluorescent	30%	2033	* *	10	\$51,300	
	T-8 Lamps, Extent : Moderate, Area	Affected : 100	0%			
	Location : Offices					
Fluorescent	70%	2033	* *	10	\$119,700	
	T-5 Lamps, Extent : Moderate, Area	Affected: 100	1%			
	Location : Repair Shops					
Egress Lighting	200/	2022	* *	10	¢12.500	
Emergency, Battery Exit, Service	30% 70%	2033 2033	* *	10	\$13,500	
Exterior Lighting	70%	2033		1		
HID	100%	2033	* *	10	\$600	
Alarm	10070	2033		10	φοσο	
Security System						
No Component	70%					
Generic	30%	2033	* *	1	\$23,000	
	Other Observation, Extent : Moderat	e, Area Affect	ed : 100%			
	Location : Inside And Outside					
	Explanation: C C T V Surveillance	e Camera				
Fire/Smoke Detection	1000/	2022	eta -t-			
Generic, Digital	100%	2033	**			
	Other Observation, Extent: Moderat		ea:100%			
	Location: Throughout The Building Explanation: Strobe Lights, Smoke		anual Pull Statio	ns Horn	s Alarm Rolls	
	And Horns	Detectors, Mi	иниш 1 ин Мино	ns, norr	s, Aun m Dens	

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost I (Yrs)	Priority

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

 $\label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2010

Mechanical	Current Repair Futur		uture Replacement		Maintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating						
Energy Source						
Natural Gas	40%	2045	* *	1		
Interruptible Gas/Dual Fuel	60%	2045	* *	1		
Conversion Equipment						
Furnace	40% Other Observation, Exten Location: Roof Explanation: 4 Units	2030 t : Light, Area Affected	* * : 40%	1	\$400	
Steam Boiler	60%	2038	* *	1	\$1,100	
Seem Bones	Other Observation, Exten Location: Basement Bo Explanation: 3 Units	t : Light, Area Affected	: 60%	•	ψ1,100	
Distribution						
Steam Piping/Pump	60%	2025	\$7,600	4	\$100	
No Component	40%					
Terminal Devices						
Convector/Radiator	40%	2030	* *	1	\$200	
Fan Coil Unit/Heat	20%	2025	\$5,500	1	\$100	
No Component	40%					
Air Conditioning						
Energy Source						
Electricity	100%	2033	* *	1		
Conversion Equipment						
Ext Pkg Unit - Cooling	5% R-22 Refrigerant, Extent Location: Roof	2030 : Light, Area Affected : .	* *	2	\$600	
Split Unit	10%	2030	* *			
Sp.IV C.III	Other Observation, Exten Location: Roof Explanation: Refrigera	t : Light, Area Affected	: 10%			
Window/Wall Unit	15%	2020	\$56,200	1		
No Component	70%		•			
Terminal Devices						
Fan Coil - Cooling	10%	2030	* *	1	\$6,000	
No Component	90%					
Heat Rejection						
Remote Air Cond	10%	2030	* *	2	\$13,000	
No Component	90%				•	
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$104,000	
Exhaust Fans					•	
Interior	5%	2030	* *	2	\$300	
Roof	95%	2025	\$137,600	2	\$5,400	
DI 1.			. ,		. ,	

Plumbing

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2010

Mechanical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2035	* *	1		
Water Heater						
Gas Fired	100%	2023	\$42,400	2	\$2,700	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Rigid Piping	100%	2025	\$10,800	4	\$2,500	
Fixtures						
Generic	100%					
Fire Suppression						
Standpipe						
Generic	100%	2035	* *	1-5	\$1,000	
	Other Observation, Extent : Light, A	Area Affected : 1	100%			
	Location : 34th Street Side Wall					
	Explanation: Connection					
Sprinkler						
No Component	80%					
Generic	20%	2035	* *	1-2	\$100	
Chemical System						
Generic	100%	2023	\$25,500	1-3	\$55,000	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 528

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : MARINE 6/MARINE DIVISION/SAFTEY BATTALION

Address : NAVY YARD BLDG. 292

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : FIRSMAR.006 / 14078 Yr Built/Renovated : 1893 / 2008

Area Sq Ft : 17,024 Project Type : FIRE DEPARTMENT

Date of Survey : 12-Mar-2013 Landmark Status : NONE

Areas Surveyed : Floors 1,2

Block : Lot : BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$39,900	
Interior Architecture	\$77,000	
Electrical		\$62,800
Mechanical		\$144,900
Total	\$116,900	\$207,700
Importance Code A	\$39,900	
Importance Code B	\$77,000	\$207,700
Total	\$116,900	\$207,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$3,700			\$200
Interior Architecture	\$30,700	\$700		\$1,800
Electrical	\$3,800	\$300	\$14,000	\$300
Mechanical	\$10,200	\$2,800	\$17,400	\$3,900
Total	\$48,400	\$3,800	\$31,400	\$6,200
Importance Code A	\$4,500	\$900	\$900	\$1,100
Importance Code B	\$22,300	\$2,900	\$30,500	\$5,200
Importance Code C	\$21,600			
Total	\$48,400	\$3,800	\$31,400	\$6,200



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14078

Architecture	Current Repair		Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
xterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	\$13,100	
Metal Coiling Doors	5%			2037	* *	5	\$2,400	
Pre-Cast Concrete		Now issing Elem i : Through	\$2,500 ents, Extent : Mod	LIFE erate, Ar	* * ea Affected : 5%	5	\$5,000	
Windows	2000							
Aluminum	20%			2040	* *	5	\$400	
Steel	80%	0-2	\$39,900	2032	* *	5	\$9,800	
	Ctrwt/Bali Location	nc Not Fun 1: Through	ct, Extent : Severe,	Area Aff			77,200	
	Location	: Basemen	t					
nterior								
Floors								
Cast in Place Concrete			\$5,400 xtent : Light, Area or Shop	LIFE Affected	* *	5	\$23,200	
Ceramic Tile	5%			2033	* *	5	\$1,300	
Vinyl Tile	30%	0-2	\$66,000	2034	* *	3	\$3,000	
,	-	ked, Extent a : Through	: Moderate, Area	Affected	: 20%		. ,	
Vinyl Tile	5%	0-2	\$11,000	2034	* *	3	\$500	
·	Location	: 2nd Floo	xtent : Severe, Are or Need To Be Replac		d : 100%			
Winyl Tile	20%	11011 . 9x9 s	теей 10 Ве Керій		* *	3	\$2.700	
Vinyl Tile Interior Walls	20%			2029		3	\$2,700	
Ceramic Tile	10%	Now	\$4,000	2033	* *	5	\$1,500	
Ceraniic The	Diagonal		tent : Moderate, Ar		ted : 5%	3	\$1,500	
Concrete Masonry Unit	Staining/L	Now Discoloring, a : Through	\$12,800 Extent : Moderate		* * ffected : 20%	5	\$4,700	
Classe Simple Dane		i. Inrough	oui	LIDE	* *		¢1 100	
Glass: Single Pane	Location	ı : Main Co		LIFE a Affecte		5	\$1,100	
			for Window Wall				*=	
Gypsum Board	_		\$4,800 Extent : Moderate	LIFE , Area Aj	* * fected : 10%	5	\$7,100	
	Locuitor	. Imougn	oui					

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14078

Architecture	Curre	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Yea	Pate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior							
Ceilings							
AcousTileSusp.Lay-In	40% Nov	v \$3,000	2037	* *	5	\$3,800	
	Broken/Missing I	Elements, Extent : Light	, Area A	ffected : 5%			
	Location: Thro	oughout					
Embossed Metal	30%		LIFE	* *	5	\$2,600	
Exposed Concrete	30%		LIFE	* *	5	\$900	

Electrical		Current R	epair	Futur	e Replacement	IVI	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit	
Inder 600 Volts									
Raceway									
Conduit	60%			2044	* *	1			
Conduit	40%			2034	* *	1			
Panelboards									
Fused Disc Sw	30%			2032	* *	5	\$100		
Molded Case Bkrs	5%			2040	* *	5			
Molded Case Bkrs	65%			2023	\$24,500	5	\$300		
Wiring									
Thermoplastic	70%			2044	* *	1			
Thermoplastic	30%			2024	\$8,100	1			
Motor Controllers									
Locally Mounted	90%			2022	\$12,600	5	\$100		
Motor Control Center	10%			2022	\$1,400	5			
Ground									
Grounding Devices									
Not Accessible	100%								
ighting									
Interior Lighting									
Fluorescent	85%			2029	* *	10	\$13,800		
			xtent : Moderate, A	Area Affe	ected : 100%				
		: Througho							
	Explana	tion : Recen	tly Installed T-8 F	ixtures V	Vith T-12 Fixtures .	In Sleepi	ng Quarters		
HID	10%			2024	\$6,900	10	\$100		
	Other Obs	ervation, E.	xtent : Moderate, A	Area Affe	ected : 100%				
	Location	a : 1st Floor	Marine Garage						
	Explana	tion : High	Bay Lighting						
HID	5%	Now	\$3,500	2034	* *				
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: 1st Floor Garage Boat Repair								
			res Not Working - I		ate Illumination				

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14078

Electrical	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
Lighting							
Egress Lighting							
Emergency, Service	40%		2024	\$3,400	1		
	Other Observation, E.	xtent : Moderate, Ai	rea Affe	cted : 100%			
	Location: Throughout	put					
	Explanation: Fixtur	es Connected To M	ain Bld	g Power			
Exit, Service	60%		2024	\$1,200	1		
	Other Observation, E.	xtent : Moderate, Ai	rea Affe	cted : 100%			
	Location: Through	out					
	Explanation: Fixtur	es Conneted To Ma	in Bldg	Power			
Exterior Lighting							
HID	100%		2024	\$62,800	10	\$100	
Alarm							
Fire/Smoke Detection							
No Component	80%						
Generic	20%		2029	* *	1-3	\$2,200	

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
eating								
Energy Source								
Natural Gas	100%			2034	* *	1		
Conversion Equipment								
Hot Water Boiler	100%	0-2	\$800	2029	* *	1	\$7,900	
		0.	nt : Light, Area Affe ontrol System	ected : 1	00%			
			,	A CC . 1	10/			
			xtent : Light, Area piler Room	Аဌјестеа	: 1%			
				1				
D' + '1 + '	Ехріапап	on : 0 Boil	ers Piped With He	aaer				
Distribution	100%			2022	* *	4	\$000	
Hot Wtr Piping/Pump	100%			2032	4-4-	4	\$900	
Terminal Devices	400/			2020	* *	1	¢4.400	
Air Handler	40%			2029	**	1	\$4,400	
Convector/Radiator	10%			2037		1	\$600	
Unit Heater-Stm/HW	50%			2024	\$55,800	4	\$800	
			xtent : Light, Area	Affected	: 100%			
	Location	: 1st Floor	Garage					
	Explanati	on: HW	Unit Heaters Serve	Garage	!			
ir Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14078

Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
ir Conditioning								
Conversion Equipment								
Int Pkg Unit - Cooling	Location R-22 Refr	Extent : Seve n : Fresh Ai igerant, Ext	tent : Light, Area A		\$89,100 1%	2	\$300	
	Other Ob.		tem Extent : Moderate, Mechanical Room					
	Explana	tion : Filter	rs Are Required					
Window/Wall Unit No Component	10% 50%			2019	\$3,600	1		
Distribution								
Ductwork/Diffusers No Component	50% 50%			LIFE	* *	2	\$11,500	
entilation entile								
Distribution	2004			* ***	de de	2.5	Φ2.000	
Ductwork/Diffusers			Extent : Moderate, . r Garage	LIFE Area Affe	* * ected : 100%	2-5	\$3,000	
	Explana	tion : Serve	es Garage Only					
No Component	70%							
Exhaust Fans Wall Unit	30%			2024	\$7,800	2	\$200	
No Component	70%							
lumbing								
H/C Water Piping	1000/			2011	de de			
Brass/Copper	100%			2044	* *	1		
Water Heater Electric	100%			2019	\$2,700	4	\$100	
Electric	Other Ob.	servation, E n : 2nd Floo	Extent : Light, Area or Fan Room			4	\$100	
G '	Explana	ttion : 1 - 73	50 Gallon Unit					
Sanitary Piping Cast Iron	_		\$1,900 Extent : Moderate,	LIFE Area Affe	* * ected : 5%	1		
Storm Drain Piping	200000		_ : •••••					
Cast Iron			\$1,200 Extent : Moderate,	LIFE Area Affe	* * ected : 5%	1		
Backflow Preventer Not Accessible	100%							
Fixtures								
Generic	100% Obsolete		xtent : Severe, Ared	a Affectea	l : 100%			
	Location	n : Kitchen .	And Bathrooms					

Fire Suppression

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

 ${\it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 533

FIRE DEPARTMENT - 057 MARINE 6/MARINE DIVISION/SAFTEY BATTALION

Asset #: 14078

Mechanical	Current Repai	r Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year Estin FY		Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression						
Standpipe						
Generic	100%	2044	* *	1-5	\$9,300	
Sprinkler						
Generic	100%	2044	* *	1-2	\$5,000	
Fire Pump						
Not Accessible	100%					
Chemical System						
No Component	90%					
Generic	10%	2019	\$2,600	1-3	\$5,100	
	Other Observation, Extent	: Light, Area Affected : 100	%			
	Location: Throughout					
	Explanation : Fire Exting	guishers				

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : MARINE 9 RESPONSE UNIT

Address : FRONT AND WAVE STREETS @ WATERFRONT

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRMAR9.000 / 14079 Yr Built/Renovated : 2011 /

Area Sq Ft : 8,000 Project Type : FIRE DEPARTMENT

Date of Survey : 07-Mar-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : Lot : BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$48,600	
Total	\$48,600	
Importance Code A	\$48,600	
Total	\$48,600	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$2,500			\$2,300
Interior Architecture	\$1,700			\$600
Electrical	\$1,200	\$1,200	\$3,500	\$1,200
Mechanical	\$1,000	\$2,100	\$1,600	\$1,300
Total	\$6,300	\$3,300	\$5,100	\$5,300
Importance Code A	\$2,500		\$100	\$2,300
Importance Code B	\$3,800	\$3,300	\$5,000	\$3,000
Importance Code C				
Total	\$6,300	\$3,300	\$5,100	\$5,300

 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14079

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior	•							
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$6,100	
Masonry: Granite	45%			LIFE	* *	5	\$8,200	
Metal Panel	40%			2050	* *	5-10	\$66,900	
Metal Sect. OHD	5%			2041	* *	5	\$3,800	
Window Wall	5%			2050	* *	5	\$4,600	
Windows								
Aluminum	100%	Now	\$2,500	2046	* *	5	\$600	
	_		ked, Extent : Mode	rate, Are	ea Affected : 5%			
			Floor Corridor					
			xtent : Moderate, A					
	Location	: Main En	trance Clear Story,	Bunk R	oom And Gym			
Parapets								
Metal Rail	90%			2041	* *	5-10	\$28,100	
Metal: Cage/Fence	10%			2041	* *	5-10	\$1,300	
Roof								
Built-Up (BUR)	45%			2032	* *	10	\$3,700	
Built-Up (BUR)	55%			2032	* *	10	\$4,500	
		ervation, E : Main Ro	Extent : Moderate, A of	Area Affe	ected : 100%			
	Explana	tion : Gard	en " Green " Roof					
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$2,000	
Ceramic Tile	5%			2037	* *	5	\$900	
Panel/Paver: Cer/Brk	60%			2046	* *	5	\$24,300	
Sheet Vinyl/Rubber	5%			2032	* *	5	\$1,400	
Vinyl Tile	25%			2032	* *	3	\$2,300	
Interior Walls								
Glazed Ceramic Panel	15%			LIFE	* *			
Gypsum Board	80%			LIFE	* *	5	\$9,000	
Wood	5%			LIFE	* *	5	\$3,800	
Ceilings								
AcousTileSusp.Lay-In	10%			2041	* *	5	\$1,800	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	45%			LIFE	* *	5	\$10,100	
Plaster	40%			LIFE	* *	5	\$4,500	

Electrical	Current	Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Over 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 #: 14079

Electrical	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Over 600 Volts Service Equipment Fused Disc Sw	Location: Outside	2054 tent : Moderate, Area Affa 10 Amps Main Disconnect		3		
Transformers Dry Type	100% Other Observation, Ex- Location : Outside	2044 tent : Moderate, Area Affi O Kva 4160hv-480/277lv	* *	3	\$100	
Feeders Cable	100%	2049	* *	1		
Raceway Conduit	100%	2054	* *	1		
Under 600 Volts Service Equipment Molded Case Bkrs	Location : Electrical	2054 tent : Moderate, Area Affo Room, 1st Floor 10 Amps Main Disconnect		5	\$200	
Transformers Dry Type	100% Other Observation, Ex Location : Electrical	2044 tent : Moderate, Area Affa	* * ected : 100%	5		
Switchgear / Switchboard Molded Case Bkrs	100%	2054	* *	5	\$200	
Raceway Conduit	100%	2054	* *	1		
Panelboards Fused Disc Sw Molded Case Bkrs Wiring	10% 90%	2049 2049	* *	5 5	\$200	
Thermoplastic Motor Controllers	100%	2054	**	1		
Locally Mounted round	100%	2044	* *	5	\$100	
Grounding Devices Generic tand-by Power	100%	LIFE	* *	5	\$100	
Transfer Switches Automatic	100%	2044	* *	1	\$2,500	
Generators Diesel	100% Other Observation, Ext Location: Outside Explanation: One 45	2039 tent : Moderate, Area Affa 70 Kw	* * ected : 100%	1	\$3,100	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14079

Electrical	Current Repair	Futur	Future Replacement Maintenance			
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power						
Batteries						
Lead/Acid	100%	2019	\$1,500	5	\$300	
Fuel Storage						
Main Tank	100%	2064	* *	5	\$200	
	Other Observation, Extent .	: Moderate, Area Affe	cted : 100%			
	Location : Underground					
	Explanation : One 780 Ge	als				
Lighting						
Interior Lighting						
Fluorescent	90%	2034	* *	10	\$6,600	
	Other Observation, Extent .	: Moderate, Area Affe	cted : 100%			
	Location: Throughout the	e Building				
	Explanation: T-8 Lamps	e e	ing Controls			
Fluorescent	10%	2034	**	10	\$700	
Tuorescent	T-5 Lamps, Extent : Moder		00%	10	Ψ100	
	Location : Throughout Th		5070			
Egress Lighting		8				
Emergency, Service	60%	2034	* *	1		
Exit, LED	40%	2064	* *	1		
Exterior Lighting	4070	2004		1		
HID	100%	2034	* *	10		
Lightning Protection	100%	2034		10		
Arresters/Cabling						
Generic	100%	2064	* *	5	\$200	
	100%	2004			\$200	
Alarm						
Security System	5 00/					
No Component	50%	2024	* *	1	¢1 500	
Generic	50%	2034	* *	1	\$1,500	
Fire/Smoke Detection	1000/	2024	d. d.	1.0	# 4.000	
Generic	100%	2034	* *	1-3	\$4,900	

Mechanical	Cu	rrent Repair	Future Replacement		Maintenance			
System Component Type		Date Estimated Cost (ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating								
Energy Source								
Electricity	40%		2054	* *	1			
Solar Panel(s)	60%		2054	* *	2	\$300		
Air Conditioning								
Energy Source								
Electricity	100%		2049	* *	1			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14079

Mechanical	Current Repair	Future Re	placement	Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%	2034	* *	2	\$500		
	Other Observation, Extent: Light, Area Location: Roof Explanation: 3 Roof Top Units With						
Ventilation	· · ·						
Distribution							
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,500		
Exhaust Fans							
Roof	15% Now Malfunctioning, Extent: Moderate, Are Location: Kitchen Hood Exhaust	2032 ea Affected : 2:	* *	2			
No Component	85% Other Observation, Extent: Light, Area Location: Roof						
Olassak in a	Explanation: Process Is Carried Out	Inrough A C	System				
Plumbing H/C Water Piping Brass/Copper	100%	2054	* *	1			
Water Heater	100/0	2034		1			
Electric	100% Other Observation, Extent: Light, Area Location: First Floor Mechanical Re	pom		4	400		
Sanitary Piping	Explanation: 2 Units - Hot Water Soci	ar Paneis Are	Usea 10 Hea	t Ine wa	iter		
Cast Iron	100%	LIFE	* *	1			
Storm Drain Piping Cast Iron	100%	LIFE	* *	1			
Backflow Preventer Generic	100%	2034	* *	1	\$500		
Fixtures	10070	200.			4200		
Generic	100%						
Fire Suppression Sprinkler							
Generic	100%	2054	* *	1-2	\$2,200		
Chemical System No Component	80%						
Generic	10% Other Observation, Extent : Light, Area Location : Kitchen		\$2,600	1-3	\$5,100		
	Explanation: Kitchen Hood System I.						
Generic	10% Other Observation, Extent: Light, Area Location: Throughout	2024 a Affected : 10	\$2,600	1-3	\$5,100		
	Explanation: Fire Extinguishers						

Maintenance \$ are aggregated over a 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: 539

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : RESCUE 3

Address : 1655 WASHINGTON AVE. @ E.172 - 173 STS

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSRES.003 / 14463 Yr Built/Renovated : 2009 /

Area Sq Ft : 19,492 Project Type : FIRE DEPARTMENT

Date of Survey : 07-Feb-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2905 Lot : 30 BIN : 2817127

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$77,000
Interior Architecture		\$54,200
Total		\$131,300
Importance Code A		\$77,000
Importance Code B		\$54,200
Total		\$131,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$36,600			
Interior Architecture	\$6,400			
Electrical	\$700	\$700	\$1,000	\$18,600
Mechanical	\$1,700	\$3,100	\$7,200	\$2,500
Total	\$45,400	\$3,800	\$8,200	\$21,100
Importance Code A	\$37,500	\$1,000	\$1,000	\$1,000
Importance Code B	\$6,500	\$2,800	\$7,200	\$20,200
Importance Code C	\$1,300			
Total	\$45,400	\$3,800	\$8,200	\$21,100



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.

FIRE DEPARTMENT - 057 RESCUE 3

Asset #: 14463

Architecture		Current I	Repair	Future Replacement Maintenance		aintenance		
system Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit
xterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	\$3,400	
Masonry: Brick	40%			LIFE	* *	5	\$13,700	
Metal/Glass Curt Wall	3%			LIFE	* *	5	\$1,900	
Metal Panel	45%			2052	* *	5-10	\$105,900	
Metal Coiling Doors	10%			2042	* *	5	\$10,700	
Windows								
Aluminum	100%			2047	* *	5	\$1,200	
Parapets							•	
Metal Rail	10%			2042	* *	5-10	\$4,400	
No Component	90%							
Roof								
IRMA/Protected	20%			2032	* *	10	\$5,200	
Membrane							. ,	
Metal, Corrugated	60%			2042	* *	1		
Plaza Roof: Stone Panels	10%			2052	* *			
Skylight, Metal/Glass	10%			2052	* *	10	\$8,700	
terior								
Floors								
Cast in Place Concrete	85%			LIFE	* *	5	\$54,200	
Ceramic Tile	3%			2037	* *	5	\$900	
Sheet Vinyl/Rubber	2%			2032	* *	5	\$900	
Wood	10%			2062	* *	5	\$5,500	
Interior Walls							· · · · · · · · · · · · · · · · · · ·	
Ceramic Tile	5%			2037	* *	5	\$2,700	
Concrete Masonry Unit	20%			LIFE	* *	5	\$4,300	
Glass: Single Pane	5%			LIFE	* *	5	\$2,000	
Gypsum Board	20%			LIFE	* *	5	\$6,400	
Masonry: Brick	5%			LIFE	* *	-	, -,	
Metal Panel	40%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$10,700	
Ceilings	2 70						+,. 00	
AcousTileSusp.Lay-In	10%			2042	* *	5	\$2,800	
Exposed Struc: Steel	70%			LIFE	* *	-	Ψ 2 ,000	
Gypsum Board	5%			LIFE	* *	5	\$1,800	
Metal Panel	15%			LIFE	* *	5	\$5,300	

Electrical	Current	Repair	Futu	re Replacement	M	aintenance	nce	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Transformers								
Not Accessible	100%							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 RESCUE 3

Asset #: 14463

Electrical	Current R	Repair F	Future	Replacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)		ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts							
Switchgear / Switchboard Not Accessible	100%						
Raceway Conduit	100%	20	048	* *	1		
Panelboards Molded Case Bkrs	100%	20	044	* *	5	\$500	
Wiring Thermoplastic	100%	20	048	* *	1		
Motor Controllers Locally Mounted	100%	20	039	* *	5	\$100	
Ground						·	
Grounding Devices Generic	Location: Basemen	xtent : Moderate, Area t			5	\$300	
Stand hy Davian	Explanation: Conn.	ected With Main Wate	r Pıpe	!			
Stand-by Power Transfer Switches Automatic	100%	20	039	* *	1	\$6,000	
Generators Not Accessible	100%		039		1	Ψ0,000	
Batteries Not Accessible	100%						
Fuel Storage Not Accessible	100%						
Lighting							
Interior Lighting Fluorescent	100% Other Observation, E. Location : Througho Explanation : T-8 &	xtent : Moderate, Area out	030 a Affec	* * cted : 100%	10	\$17,900	
Egress Lighting	-						
Exit, LED	100%	20	057	* *	1		
Exterior Lighting HID	100%	20	030	* *	10	\$100	
Alarm Fire/Smoke Detection							
No Component	90%	0.1	020	* *	1.2	¢1 200	
Generic	10%	20	030	* *	1-3	\$1,200	

Mechanical	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
Heating							
Energy Source							
Natural Gas	100%		2048	* *	1		

 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 RESCUE 3

Asset #: 14463

Mechanical	Current Repair	Future Re	placement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating Conversion Equipment Furnace	50% Other Observation, Extent : Light, Are Location : Roof Top Unit Explanation : A C Unit Has Gas Fire		* *	1	\$4,800	
Hot Water Boiler	50% Other Observation, Extent: Light, Are Location: Basement Explanation: 2 Boilers	2035	**	1	\$4,800	
Distribution	•					
Ductwork/Diffusers Hot Wtr Piping/Pump	50% 50%	LIFE 2044	* *	2-5 4	\$5,400 \$500	
Terminal Devices Fan Coil Unit/Heat No Component	50% 50%	2030	* *	1	\$3,200	
Air Conditioning Energy Source Electricity No Component	75% 25%	2044	* *	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	50%	2030	* *	2	\$600	
	Other Observation, Extent: Light, Are Location: Roof Explanation: Covers Top Floor, Ref					
No Component	50%					
Distribution Ductwork/Diffusers No Component	50% 50%	LIFE	* *	2	\$12,700	
Ventilation						
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$10,900	
Exhaust Fans Roof	100%	2030	* *	2	\$600	
Plumbing						
H/C Water Piping Brass/Copper	100%	2048	* *	1		
Water Heater Gas Fired	100% Other Observation, Extent: Light, Are Location: Basement Explanation: 2 Units About 125 Gai		\$4,400	2	\$300	
Sanitary Piping Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 RESCUE 3

Mechanical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Sewage Ejector(s)						
Electric	100%	2030	* *	4	\$2,500	
Backflow Preventer						
No Component	50%					
Generic	50%	2030	* *	1	\$600	
	Other Observation, Extent:	Light, Area Affected :	100%			
	Location: Basement					
	Explanation : On Domest	ic Line Only				
Fixtures						
Generic	100%					
Fire Suppression						
Sprinkler						
No Component	10%					
Generic	90%	2048	* *	1-2	\$4,900	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset Name : SQUAD 270

Address : 91-45 121ST STREET

Borough : QUEENS Agency's Number : N/A

Program / Asset # : FIRSSQU.270 / 14076 Yr Built/Renovated : 1913 / 2013

Area Sq Ft : 16,052 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Mar-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3

Block : 9375 Lot : 7 BIN : 4196913

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$80,500	\$78,200
Interior Architecture	\$346,200	
Electrical	\$98,500	\$108,900
Mechanical		\$103,000
Total	\$525,200	\$290,200
Importance Code A	\$80,500	\$78,200
Importance Code B	\$444,700	\$212,000
Total	\$525,200	\$290,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020			
Exterior Architecture	\$37,400		\$3,000	\$1,600			
Interior Architecture	\$9,100	\$1,000	\$600	\$900			
Electrical \$2,900		\$1,300	\$16,000	\$1,100			
Mechanical	\$8,400	\$1,700	\$7,100	\$2,700			
Total	\$57,800	\$4,000	\$26,800	\$6,300			
Importance Code A	\$38,900	\$1,400	\$4,800	\$3,000			
Importance Code B	mportance Code B \$9,700		\$2,200 \$22,000				
Importance Code C	\$9,100	\$400					
Total	\$57.800	\$4,000	\$26,800	\$6,300			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14076

System Component Type	Architecture		Current Re	pair	Future Replacement Maintenance		aintenance		
Exterior Walls Masonry: Brick 83% Now \$80,500 LIFE * * 5 \$13,700 \$15	Component			Estimated Cost		Estimated Cost		Estimated Cost	Priority
Masonry: Brick 83% Now \$80,500 LIFE * * 5 \$13,700 Cracking/Crambling, Extent : Moderate, Area Affected : 15% Location : North And South Facades Spalling, Extent : Moderate, Area Affected : 20% Location : North And South Facades Spalling, Extent : Moderate, Area Affected : 20% Location : North And South Facades Spalling, Extent : Moderate, Area Affected : 25% Location : West Facade Wornt-Cracking/Crambling, Extent : Moderate, Area Affected : 10% Location : West Facade Moderate, Area Affected : 10% Location : West Facade Location : West Facade Moderate, Area Affected : 10% Location : West Facade Int Mortar Miss/Erod, Extent : Moderate, Area Affected : 25% Location : West Facade Moderate, Area Affected : 25% Location : West Facade Moderate, Area Affected : 25% Location : West Facade Moderate, Area Affected : 25% Location : West Facade Moderate, Area Affected : 25% Location : West Facade Masonry: Limestone Spansor Sp									
Cracking/Crambling, Extent: Moderate, Area Affected: 15% Location: North And South Facades		0.20/	N	¢00 500	LIDE	sk sk	_	¢12.700	
Masonry Grainte Spalling Extent Moderate Area Affected 25%	Masonry: Brick	Cracking/Cr Location : Spalling, Ex	rumbling, E North And tent : Mode	Extent : Moderate South Facades erate, Area Affect	, Area A <u>f</u>	fected : 15%	3	\$13,700	
Masonry: Limestone	Masonry: Granite	Spalling, Ex Location:	tent : Mode West Faca	erate, Area Affect de	ted : 25%		5	\$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%					пуестей.	1070			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%	Masonry: Limestone	5%	Now	\$4,400	LIFE	* *	5	\$600	
Nood Overhead Doors 7% 2029 ** 5 \$5,800	·	Location:	West Faca	de					
Windows Aluminum 100% 2040 ** 5 \$3,200									
Aluminum 100% 2040 ** 5 \$3,200		7%			2029	* *	5	\$5,800	
Parapets Masonry: Brick 90% LIFE ** 5 \$1,400 Masonry: Limestone 5% LIFE ** 5 \$100 Metal Panel 5% 2044 ** 5 \$300 \$10							_		
Masonry: Brick 90%		100%			2040	* *	5	\$3,200	
Masonry: Limestone 5%		90%			LIFE	* *	5	\$1.400	
Metal Panel 5% 2044 ** 5 \$300									
Roof Modified Bitumen 100% Now \$23,500 2024 \$78,200 Blisters, Extent: Moderate, Area Affected: 20% Location: Over Third Floor Water Penetration, Extent: Moderate, Area Affected: 30% Location: Second And Third Floors Interior Floors Cast in Place Concrete 40% Now \$97,600 LIFE ** 5 \$21,000 Cracking/Crumbling, Extent: Severe, Area Affected: 25% Location: Apparatus Floor Deflection Evident, Extent: Moderate, Area Affected: 25% Location: Apparatus Floor Ceramic Tile Vinyl Tile 30% 0-2 \$59,900 2034 ** 3 \$2,700 Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Second And Third Floors	•					* *			
Modified Bitumen 100% Now \$23,500 2024 \$78,200 Blisters, Extent: Moderate, Area Affected: 20% Location: Over Third Floor Water Penetration, Extent: Moderate, Area Affected: 30% Location: Second And Third Floors Teloors Cast in Place Concrete 40% Now \$97,600 LIFE ** 5 \$21,000 Cracking/Crumbling, Extent: Severe, Area Affected: 25% Location: Apparatus Floor Deflection Evident, Extent: Moderate, Area Affected: 25% Location: Apparatus Floor Ceramic Tile 5% 2033 ** 5 \$1,200 Vinyl Tile 30% 0-2 \$59,900 2034 ** 3 \$2,700 Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Second And Third Floors								Ψ200	
Cast in Place Concrete Cast in Place Concrete Cracking/Crumbling, Extent: Severe, Area Affected: 25% Location: Apparatus Floor Deflection Evident, Extent: Moderate, Area Affected: 25% Location: Apparatus Floor Ceramic Tile Vinyl Tile 30% 0-2 \$59,900 2034 ** 3 \$2,700 Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Second And Third Floors	Modified Bitumen	Blisters, Ext Location : Water Penet	ent : Mode Over Third tration, Ext	rate, Area Affecto d Floor ent : Moderate, A	ed : 20%				
Cast in Place Concrete 40% Now \$97,600 LIFE ** 5 \$21,000 Cracking/Crumbling, Extent: Severe, Area Affected: 25% Location: Apparatus Floor Deflection Evident, Extent: Moderate, Area Affected: 25% Location: Apparatus Floor Ceramic Tile 5% 2033 ** 5 \$1,200 Vinyl Tile 30% 0-2 \$59,900 2034 ** 3 \$2,700 Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Second And Third Floors									
Cracking/Crumbling, Extent: Severe, Area Affected: 25% Location: Apparatus Floor Deflection Evident, Extent: Moderate, Area Affected: 25% Location: Apparatus Floor Ceramic Tile 5% 2033 ** 5 \$1,200 Vinyl Tile 30% 0-2 \$59,900 2034 ** 3 \$2,700 Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Second And Third Floors		40%	Now	\$97,600	LIFE	* *	5	\$21,000	
Ceramic Tile 5% 2033 ** 5 \$1,200 Vinyl Tile 30% 0-2 \$59,900 2034 ** 3 \$2,700 Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Second And Third Floors	cust in Tidee concrete	Cracking/Cr Location : Deflection E	rumbling, E Apparatus Evident, Ext	Extent : Severe, A Floor tent : Moderate, A	rea Affec		3	Ψ21,000	
Vinyl Tile 30% 0-2 \$59,900 2034 ** 3 \$2,700 Cracking/Crumbling, Extent: Moderate, Area Affected: 20% Location: Second And Third Floors	a		Apparatus	rioor	2022			***	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20% Location : Second And Third Floors			0.2	# 50.000					
Under Construction 250/	Vinyl Tile	Cracking/Cr	rumbling, E	Extent : Moderate			3	\$2,700	
Under Construction 25%	Under Construction	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 #: 14076

Architecture Current Rep		Current I	Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$800	
Concrete Masonry Unit	5%			LIFE	* *	5	\$300	
Masonry: Brick	15%	Now	\$9,100	LIFE	* *			
	Diagonal	Cracks, Ex	tent : Moderate, Ai	ea Affeci	ted : 5%			
	Location	ı : Apparat	us Floor					
Plaster	50%			LIFE	* *	5	\$2,400	
Under Construction	25%						. ,	
Ceilings								
AcousTileSusp.Lay-In	5%			2029	* *	5	\$1,200	
Exposed Concrete	25%	Now	\$188,700	LIFE	* *	5	\$900	
1	Cracking/Crumbling, Extent : Severe, Area Affected : 25%							
	Location	ı : Basemer	ıt					
	Exposed Reinforcement, Extent: Severe, Area Affected: 25%							
	Location	ı : Basemer	ıt —					
	Other Obs	servation, E	Extent : Moderate, 1	Area Affe	cted : 100%			
	Location	ı : Basemer	ıt					
	Explana	tion : Temp	orary Support Pre	sent				
Plaster	45%			LIFE	* *	5	\$6,800	
Under Construction	25%							
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%	Now	\$400	2029	* *			
	Cracking/	Crumbling,	Extent : Moderate	, Area Aj	ffected : 5%			
	Location	ı : Front Si	de					

Electrical	Current Repair	Futur	Future Replacement		aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Inder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2024	\$4,700	5	\$400	
	Other Observation, Extent : Moderat	e, Area Affe	cted : 100%			
	Location: Basement					
	Explanation: Main Service Discon	nect Rated (@ 500 Amperes			
Switchgear / Switchboard						
Fused Disc Sw	100%	2024	\$47,700	5	\$100	
Raceway						
Conduit	50%	2024	\$15,300	1		
Under Construction	50%					
Panelboards						
Fused Disc Sw	25%	2023	\$9,400	5	\$100	
Molded Case Bkrs	50%	2023	\$18,800	5	\$200	
Under Construction	25%		,			

 $[\]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 #: 14076

Electrical	Current Repai	r Futur	e Replacement	Maintenance				
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Inder 600 Volts								
Wiring								
Thermoplastic	50%	2024	\$13,500	1				
Under Construction	50%							
Motor Controllers								
Locally Mounted	100%	2022	\$14,100	5	\$100			
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches	1000/	2020	ية. ية.		4.000			
Automatic	100%	2029	* *	1	\$4,900			
Generators	1000/	2025	d. d.		Φ			
Diesel	100%	2027	* *	1	\$6,200			
	Other Observation, Extent	: Moderate, Area Affe	cted : 100%					
	Location : Outside							
	Explanation : Emergency	y Generator Rated @ 6	00 Kw					
Batteries	1000/	2017	¢1.500	~	Φ.600			
Lead/Acid	100%	2017	\$1,500	5	\$600			
Fuel Storage	1000/	2020	* *	_	¢500			
Main Tank	100%	2039		5	\$500			
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Outside	- C						
i alatin a	Explanation: 50 Gallons	<i>сарасну</i>						
Lighting								
Interior Lighting Fluorescent	98%	2019	\$98,500	10	\$14,400			
Fluorescent	7-8 Lamps, Extent : Model			10	\$14,400			
	Location : Throughout T		70 / 0					
Electric			Φ2.000	1.0	Ф200			
Fluorescent	2%	2024	\$2,000	10	\$300			
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location: 2nd Floor	Elyanagaant Liaht Eint	ımas					
Essas Lishtin	Explanation : Compact I	iuorescent Light Fixtu	res					
Egress Lighting	1000/	2024	ф л 7 00	1				
Emergency, Service	100%	2024	\$7,700	1				
Exterior Lighting	1000/	2024	¢50.200	10				
HID	100%	2024	\$59,200	10				

Mechanical	Current Repai	r Future	Replacement	Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority
Heating					
Energy Source					
Electricity	10%	2034	* *	1	
Natural Gas	90%	2034	* *	1	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 14076

Mechanical	Current Repair	Current Repair Future Replacement		t Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated (ycle Estimated Cost Yrs)	Priority	
Heating						
Conversion Equipment Radiant Heater	10%	2029	* *	2 \$700		
	Other Observation, Extent: Light, Area Location: Garage Area Explanation: 2 Units	Ajjeciea : 10%				
Steam Boiler	90%	2044	* *	1 \$14,300		
	Recent Replace Evident, Extent : Light, Location : Basement	Area Affected : 90%		, ,		
Distribution						
Steam Piping/Pump	40%	2024 \$43	,800	4 \$300		
No Component	10%					
Under Construction	50%	1.00/				
	Other Observation, Extent: Light, Area	Affected: 0%				
	Location:	Undan Danawatian				
Terminal Devices	Explanation: Half Of The Building Is	Unaer Kenovation				
Convector/Radiator	40%	2022 \$59.	200	1 \$2,100		
No Component	10%	2022 ψ37	,200	φ2,100		
Under Construction	50%					
Chack Construction	Other Observation, Extent : Light, Area	Affected : 0%				
	Location:	33				
	Explanation: Half Of The Building Is	Under Renovation				
Air Conditioning						
Energy Source						
Electricity	100%	2032	* *	1		
Conversion Equipment						
Ext Pkg Unit - Cooling	20%	2029	* *	2 \$200		
	Other Observation, Extent : Light, Area	Affected: 100%				
	Location: 2nd Floor	.				
	Explanation: Serves Half Of The 2nd					
Window/Wall Unit	20%	2017 \$6	,400	1		
No Component	10%					
Under Construction	50%	ACC . 1 00/				
	Other Observation, Extent : Light, Area	Affected: 0%				
	Location:	77 1 D				
D: . '1'	Explanation: Half Of The Building Is	Under Renovation				
Distribution Ductwork/Diffusers	20%	LIFE	* *	2 \$4,200		
Ductwork/Diffusers	Other Observation, Extent : Light, Area			2 \$4,200		
	Location: 2nd Floor	Affecteu : 100/0				
	Explanation: Serves Half Of The 2nd	Floor Only				
No Component	60%					
Under Construction	20%					
Olider Collstruction	Other Observation, Extent : Light, Area	Affected · 0%				
	Location:					
	Explanation: Half Of The Building Is	TT 1 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 #: 14076

Mechanical	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority
ir Conditioning Terminal Devices						
No Component	80%					
Under Construction	20%					
	Other Observation, Extent : Light, Are	ea Affected : 0%				
	Location:					
	Explanation: Half Of The Building I	ls Under Renovatio	n			
Heat Rejection						
No Component	80%					
Under Construction	20%					
	Other Observation, Extent : Light, Are	ea Affected : 0%				
	Location:					
	Explanation: Half Of The Building I	ls Under Renovatio	n			
Ventilation						
Distribution						
No Component	50%					
Under Construction	50%					
	Other Observation, Extent: Light, Are	ea Affected : 0%				
	Location:					
	Explanation: Half Of The Building I	ls Under Renovatio	n			
Exhaust Fans						
Wall Unit	15%	2019	\$3,600	2	\$100	
No Component	35%					
Under Construction	50%					
	Other Observation, Extent : Light, Are	ea Affected : 0%				
	Location:					
	Explanation: Half Of The Building I	Is Under Renovatio	n			
lumbing						
H/C Water Piping						
Brass/Copper	50%	2034	* *	1		
	No Water Meter, Extent : Light, Area	Affected : 100%				
	Location: Basement					
Under Construction	50%					
	Other Observation, Extent : Light, Are	ea Affected : 0%				
	Location:					
	Explanation: Half Of The Building	Is Under Renovatio	n			
Water Heater						
Gas Fired	50%	2022	\$1,800	2	\$100	
	Other Observation, Extent : Light, Are	ea Affected : 100%				
	Location: Basement					
	Explanation: 2 - 75 Gallon Units					
Under Construction	50%					
	Other Observation, Extent : Light, Are	ea Affected : 0%				
	Location:					
	Explanation: Half Of The Building I	ls Under Renovatio	n			
Sanitary Piping	_					
Cast Iron	100%	LIFE	* *	1		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Mechanical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing						
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Rigid Piping	100%	2024	\$10,800	4	\$1,600	
Fixtures						
Under Construction	50%					
	Other Observation, Extent: Li	ight, Area Affected : 0%	ó .			
	Location:					
	Explanation : Half Of The B	uilding Is Under Renov	ation			
Generic	50%					
Fire Suppression						
Chemical System						
No Component	98%					
Generic	2%	2019	\$500	1-3	\$1,000	

Page: 551

Print Date: 23-Oct-2015 FIRE DEPARTMENT - FY 2016

Asset Name : FDNY PLATFORM / PILE SUPPORTED PLATFORM

Address : RANDALLS ISLAND SUNKEN MEADOW

Borough : MANHATTAN Agency's Number : N/A

 $Program / Asset \# \quad : \ FIR0003.100 / 13857 \qquad \qquad Yr \ Built/Renovated \quad : \\$

Area Sq Ft : 17,325 Project Type : FIRE DEPARTMENT

Date of Survey : 08-May-2014 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Piers	\$735,800	\$101,200
Total	\$735,800	\$101,200
Importance Code A	\$525,100	\$66,600
Importance Code B	\$210,700	
Importance Code C		\$34,600
Total	\$735,800	\$101,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Piers	\$81,200		\$7,000	\$5,200
Total	\$81,200		\$7,000	\$5,200
Importance Code A	\$29,200			
Importance Code B	\$37,100			\$5,200
Importance Code C	\$14,800		\$7,000	
Total	\$81,200		\$7,000	\$5,200



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 FDNY PLATFORM / PILE SUPPORTED PLATFORM

Asset #: 13857

Piers	Current Repair	Future Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
tructural					
Deck Concrete	53%	LIFE **	5	\$17,100	
Concrete	Cracking, Extent : Light, Area Affected . Location : Isolated Throughout Under	: 5%	3	Ψ17,100	
Concrete	2% 4+ \$19,900 Spalling, Extent : Moderate, Area Affect Location : Throughout In Deck Soffit	LIFE * * ted : 100%	5	\$600	
Not Accessible	45%				
Deck Surface					
Asphalt	65% Surface Wearing/Scaling, Extent : Light Location : Throughout	2034 ** , Area Affected : 5%	5	\$12,400	
No Component Not Accessible	5% 30%				
Pile Caps					
Concrete	2% 4+ \$9,400 Cracking, Extent: Moderate, Area Affector : Throughout Spalling, Extent: Severe, Area Affected Location: Isolated Throughout With E	: 50%	5		
Concrete	98% Cracking, Extent: Light, Area Affected: Location: Isolated Throughout Spalling, Extent: Light, Area Affected: Location: Isolated Throughout		5	\$1,100	
Piles and Bracing					
Steel	25% 4+ \$525,100 Corrosion, Extent: Moderate, Area Affe Location: Above Mean Low Water Ele Defective Cathodic Protection, Extent: Location: Anodes Missing Throughou Missing Coating, Extent: Severe, Area	evation Throughout Severe, Area Affected : 10 t	3	\$66,600	
	Location : Above Mean Low Water Ele				
Not Accessible	75%	.0			
ender					
Buffer Rubber	65% Now \$30,400 Loose Connections, Extent: Severe, Are Location: At Areas Of Timber Decay		4-5	\$5,200	
No Component	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.

FIRE DEPARTMENT - 057 FDNY PLATFORM / PILE SUPPORTED PLATFORM

Asset #: 13857

Piers	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority
Fender					
Facing	(FO) N. (FO) OO	0 0004	2	0.1.0. 1.0.0	
Timber	65% Now \$70,90 Rotting/Splitting, Extent: Severe, Ar. Location: Above Mlw Elevation Other Observation, Extent: Severe, A. Location: At South End Of Pier Ar.	ea Affected : 60% Area Affected : 20%	3	\$12,100	
	Explanation : Fire Damage				
No Component	35%				
Wales and Chocks					
Timber	65% Now \$53,70 Rotting/Splitting, Extent: Severe, Ar. Location: Typical Upper Wale And Other Observation, Extent: Severe, A Location: At South End Of Pier Explanation: Fire Damage	ea Affected : 70% l Isolated Throughout	4	\$16,800	
No Component	35%				
Piles					
Steel	15% Now \$43,10 Other Observation, Extent: Severe, A Location: Near Center Of Berth Explanation: Impact Damage		3-5	\$15,800	
Steel	15% 4+ \$43,10 Corrosion, Extent : Moderate, Area A Location : Above Mlw Throughout	Affected : 35%	3-5	\$15,800	
No Component	35%				
Not Accessible	35%				
Pile Cluster					
Timber	35% Rotting/Splitting, Extent : Moderate, Location : Within The Tidal Zone	2023 \$34,600 Area Affected : 50%	4-10	\$12,000	
Timber	15% Now \$14,80 Broken, Extent : Severe, Area Affecte Location : Offshore Dolphin. Withi	ed : 100%	4	\$700	
Not Accessible	50%				
eck Elements Railing Steel	5% 0-2 \$6,70 Loose Connections, Extent : Severe, . Location : Railing At North Side Oj	Area Affected : 100%			
Fencing	95% Corrosion, Extent : Light, Area Affec Location : At Base Connections	2026 \$23,900 ted: 5%	3	\$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 Name : WHARF UNDER EC 331/LC 173 BY HARBOR ADAM Address : 158-67 CROSS BAY BLVD. SHELL BANK BASIN

Borough : QUEENS Agency's Number : N/A

 $Program / Asset \# \quad : \ NYP0103.010 / 13649 \qquad \qquad Yr \ Built/Renovated \quad : \\$

Area Sq Ft : 5,520 Project Type : FIRE DEPARTMENT

Date of Survey : 23-Jan-2014 Landmark Status : NONE

Areas Surveyed :

Block : 14163 Lot : 101 BIN :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Piers	\$13,400			
Total	\$13,400			
Importance Code A	\$13,400			
Importance Code B				
Total	\$13.400			



^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 WHARF UNDER EC 331/LC 173 BY HARBOR ADAM

Piers		Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Deck								
Concrete	60%			LIFE	* *	5	\$6,200	
	_		ght, Area Affected	: 5%				
		n : Through		=0.4				
	-	_	ght, Area Affected :					
			Cap Interface, Sout		=			
			Extent : Light, Area		: 5%			
			Throughout Under	deck				
		tion : Hone	eycombing					
Not Accessible	40%							
Pile Caps						_		
Concrete	15%		\$13,400	LIFE	**	5	\$100	
			oderate, Area Affect	ed: 1009	%			
			st Pile Cap					
Concrete	85%			LIFE	* *	5	\$300	
Piles and Bracing								
Concrete Encased Steel				LIFE	* *			
		-	nt, Extent : Light, A		eted : 100%			
	Location	n : All Piles	Are Encased In Co	oncrete				
Not Accessible	25%							
Fender								
Facing								
Composite	40%			2024	\$9,700			
No Component	25%							
Not Accessible	35%							
Deck Elements								
Railing				2022				
Steel	25%			2023				
			ight, Area Affected out Railing	: 10%				
No Component	75%							

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset Name : EAST SHORE RIP-RAP SHORELINE

Address : RANDALLS ISLAND/ NORTH OF DEP TO NORTH OF PLATFORM

Borough : MANHATTAN Agency's Number : N/A

 $Program / Asset \# \quad : \ FIR0003.110 / 13858 \qquad \qquad Yr \ Built/Renovated \quad : \\$

Linear Ft : 720 Project Type : FIRE DEPARTMENT

Date of Survey : 08-May-2014 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Bulkheads	\$51,700	
Total	\$51,700	
Importance Code C	\$51,700	
Total	\$51,700	_

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Bulkheads	\$26,600	\$800		\$100
Total	\$26,600	\$800		\$100
Importance Code B Importance Code C	\$26,600	\$800		\$100
Total	\$26,600	\$800		\$100



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057 EAST SHORE RIP-RAP SHORELINE

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Revetment								
Stone	90%			LIFE	* *	5	\$3,900	
			ight, Area Affected	: 100%				
	Location	: Steep Slo	pe Throughout					
Stone	10%	4+	\$51,700	LIFE	* *	5	\$400	
			Ioderate, Area Affe					
	Location	: At 375 F	t To 400 Ft And 50	5 To 570) Ft From North O	f Fdny P	ier	
Backfill								
Fill								
Topsoil	15%	Now	\$22,700	2065	* *			
			ere, Area Affected					
			North Apron Of Fo	•	And At 482 From	North		
			ere, Area Affected	: 100%				
	Location	: Adjacent	To Fdny Platform					
Not Accessible	85%							
Surface								
Gravel	20%			2038	* *	2-5	\$400	
Topsoil	40%			2023	\$15,200	5	\$1,300	
Topsoil	5%	Now	\$1,900	2025	\$1,900	5	\$100	
			evere, Area Affecte	d: 100%	ó .			
	Location	: Adjacent	To Fdny Platform					
Not Accessible	35%							
Deck Elements								
Railing								
Fencing	55%			2026	\$21,000	3	\$200	
Fencing	5%	Now	\$1,900	2030	* *	3		
		C	xtent : Severe, Are					
	Location	: 20 Ft Lei	ngths At 530 Ft An	d 640 Ft	From North Of Fa	lny Pier		
No Component	40%							

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset Name : NAVY HOMEPORT MARINE 9 RESPONSE UNIT MARINA

Address : AT FRONT AND WAVE STREETS

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRMAR9.010 / 14767 Yr Built/Renovated : 2011 /

Area Sq Ft : 2,800 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Jan-2015 Landmark Status : NONE

Areas Surveyed :

Block : 487 Lot : 100 BIN :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Marinas/Docks	\$193,300	\$234,100
Total	\$193,300	\$234,100
Importance Code A	\$193,300	\$234,100
Total	\$193,300	\$234,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Marinas/Docks	\$500	\$300	\$6,300	\$300
Total	\$500	\$300	\$6,300	\$300
Importance Code A	\$100		\$3,500	
Importance Code B	\$100	\$100	\$2,500	\$100
Importance Code C	\$300	\$200	\$300	\$200
Total	\$500	\$300	\$6,300	\$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.

FIRE DEPARTMENT - 057 NAVY HOMEPORT MARINE 9 RESPONSE UNIT MARINA

Asset #: 14767

Marinas/Docks		Current Repair	Future Replacement		Maintenance			
System Component Type		Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Access Walkways								
Gangways	1000/		20.52	de de		40.300		
Aluminum	100%		2052	* *	1-3	\$8,200		
Floating Docks Anchor Piles								
Steel	50%		2052	* *	3-5	\$6,600		
Steel		Extent : Light, Area Affect			3 3	ψο,σσσ		
		: Tidal Zone						
Not Accessible	50%							
Deck								
Concrete	100%		2035	* *	5	\$89,500		
	Cracking, E	Extent : Light, Area Affecte	d: 50%					
	Location :	· Northern Half						
Fenders								
Rubber	100%		2025	\$3,300	1-2	\$2,500		
Floats/Frames	4.00							
Not Accessible	100%							
Barge	500 /		2020	* *	~	Φ2.000		
Steel Not Accessible	50% 50%		2039	* *	5	\$2,800		
Protective Structure	30%							
Fenders								
Steel/Rubber	60%		2024	\$98,100				
		nt : Moderate, Area Affect		+20,-00				
	Location :	: Throughout Splash Zone	Along Fire	Fighter 2 Berth				
Not Accessible	40%							
Wave Attenuator								
Steel/Timber	5%	2-4 \$66,400	2052	* *	5	\$9,100		
	Loose Connections, Extent : Severe, Area Affected : 100%							
	Location:	: On Section Adjacent To I	Floating Doo	ck				
Steel/Timber	45%		2052	* *	5	\$164,300		
Not Accessible	50%							
Electrical/Mech.								
Power Supply/Bollards								
Plastic	100%		2025	\$6,500				
Fender								
Piles Steel	50%		2027	* *				
Steet		rvation Extent · Light Ar.						
	Other Observation, Extent : Light, Area Affected : 10% Location : Tidal Zone Of Monopile Fenders							
	Explanation: Corrosion							
	Labanani	on . Corrosion						

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057

Project: FIRE DEPARTMENT

CAPITAL		F	FY 2017 - 2020			FY 2021 - 2026		
Miscellaneous Buildings			381,700			185,500		
EXPENSE	Ε	FY 2017	FY 2017 FY 2018		FY 2019	FY 2020		
Miscellar	neous Buildings	38,600	11,100		18,900	10,200		
ASSET #	NAME			SQFT	CAPITAL	EXPENSE		
1832	FIRE ACADEMY FIRE S	IMULATOR BLDG #4	1	6,000	176,400	24,500		
1833	FIRE ACADEMY MAINTENANCE & STORAGE BLDG#10			4,800	141,100	19,600		
1857	FIRE ACADEMY FIRE S	IMULATOR BLDG #2	2	6,000	176,400	24,500		
14099	FIRE ACADEMY LIBRA	RY - BLDG. #13		2,500	73,500	10,200		

Project: FIRE DEPARTMENT

CAPITAL	F	Y 2017 - 2020		FY 2021 - 2026
Special Systems		0		0
EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Special Systems	583,000	600,000	1,622,000	637,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
4534	FIREBOAT-GOVERNOR ALFRED E SMITH		0	395,000
4536	FIREBOAT - JOHN D. MCKEAN		0	0
4541	FIREBOAT - FIRE FIGHTER II		0	1,369,000
4542	FIREBOAT - THREE FORTY-THREE		0	1,369,000
4543	FIREBOAT - BRAVEST		0	309,000

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.