

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$74,200	
Interior Architecture	\$141,300	
Electrical	\$41,300	\$9,600
Mechanical		\$185,100
Total	\$256,700	\$194,700
Importance Code A	\$74,200	
Importance Code B	\$182,500	\$194,700
Total	\$256,700	\$194,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$52,800	\$3,400		
Interior Architecture	\$29,100		\$2,700	\$2,100
Electrical		\$300	\$100	\$21,300
Mechanical	\$5,900	\$2,700	\$10,200	\$15,100
Total	\$87,800	\$6,400	\$13,000	\$38,500
Importance Code A	\$52,900	\$3,600	\$200	\$200
Importance Code B	\$19,900	\$2,800	\$11,700	\$38,300
Importance Code C	\$15,000		\$1,100	
Total	\$87,800	\$6,400	\$13,000	\$38,500



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

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

** 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 Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	\$74,200	LIFE	**	5	\$12,300	
<i>Resting Masonry Supt, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Lintels Supporting Masonry Above Windows And Brick Reliefs.</i>								
Metal Sect. OHD	10%			2039	**	5	\$6,400	
Granite Panels	30%	Now	\$13,000	LIFE	**	5	\$4,600	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	50%	Now	\$17,000	2051	**	5	\$200	
<i>Unit Inoperable, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
Aluminum	50%			2034	**	5	\$400	
Parapets								
Masonry: Brick	82%	Now	\$13,900	LIFE	**	5	\$4,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Missing Portion Of Brick Parapet At Front Facade, Roof Level</i>								
Metal Cornice	5%			2054	**	10	\$900	
Metal Rail	3%	Now	\$100	2031	**	5	\$1,300	
<i>Loose/Miss Fasteners, Extent : Light, Area Affected : 10%</i>								
<i>Location : Front Facade</i>								
Granite Panels	10%			LIFE	**	5	\$600	
Roof								
Modified Bitumen	100%	Now	\$8,800	2031	**			
<i>Alligating, Extent : Light, Area Affected : 15%</i>								
<i>Location : Asphalt Joints Throughout.</i>								
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$6,700	LIFE	**	5	\$28,100	
<i>Horizontal Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Apparatus Floor And Stair Shaft Landings.</i>								
Ceramic Tile	10%			2035	**	5	\$3,200	
Terrazzo	10%			LIFE	**	5	\$2,500	
Vinyl Tile 9" X 9"	40%	4+	\$141,300	2036	**	3	\$4,800	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : 1st Floor Office</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout 2nd Floor</i>								
<i>Other Observation, Extent : Light, Area Affected : 12%</i>								
<i>Location : Partial Renovation On 2nd Floor</i>								
<i>Explanation : Currently Under Construction</i>								

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

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

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FIRE DEPARTMENT - 057
BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER
Asset # : 13103

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	10%			2035	**	5	\$2,100	
Concrete Masonry Unit	5%	Now	\$4,700	LIFE	**	5	\$400	
<i>Diagonal Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Mechanical Penthouse.</i>								
Gypsum Board	10%			LIFE	**	5	\$1,300	
<i>Other Observation, Extent : Moderate, Area Affected : 90%</i>								
<i>Location : Partial Renovation At 2nd Floor Spaces</i>								
<i>Explanation : Currently Under Construction</i>								
Plaster	35%			LIFE	**	5	\$2,200	
SGFT/Glazed Masonry	25%	Now	\$10,300	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Gymnasium And Apparatus Floor.</i>								
SGFT/Glazed Masonry	15%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	10%			2046	**	5	\$1,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Partial Renovation At 2nd Floor Spaces</i>								
<i>Explanation : Currently Under Construction</i>								
Exposed Concrete	35%			LIFE	**	5	\$600	
Plaster	55%	0-2	\$7,500	LIFE	**	5	\$3,600	
<i>Paint Peeling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Stair Shaft And Shower Area On 2nd Floor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Kitchen And 2nd Floor Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Switchgear / Switchboard								
Not Accessible	100%							
Raceway								
Conduit	50%			2026	\$15,600	1		
Conduit	50%			2046	**	1		
Panelboards								
Molded Case Bkrs	75%			2042	**	5	\$400	
Molded Case Bkrs	25%			2025	\$9,600	5	\$100	
Wiring								
Thermoplastic	100%			2036	**	1		
Motor Controllers								
Motor Control Center	100%			2024	\$14,400	5	\$600	
Ground								

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BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER
Asset # : 13103

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

Ground

Grounding Devices Not Accessible	100%
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Lighting

Interior Lighting Fluorescent	99%	2031	**	10	\$19,900
<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
<i>Location : Throughout The Building</i>					
<i>Explanation : T-8</i>					
Incandescent	1%	2021	\$1,400	2	
Exterior Lighting HID	50%	2021	\$41,300	10	
No Component	50%				

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

Heating

Energy Source Natural Gas	15%	2056	**	1	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
<i>Location : 1st Floor</i>					
<i>Explanation : Serves Space Currently Being Renovated</i>					
Not Accessible	85%				
<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
<i>Location : Throughout</i>					
<i>Explanation : Served By Adjacent Building</i>					
Conversion Equipment Hot Water Boiler	15%	2046	**	1	\$1,600
<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
<i>Location : 1st Floor</i>					
<i>Explanation : Serves Space Currently Being Renovated</i>					
Not Accessible	85%				
<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
<i>Location : Throughout</i>					
<i>Explanation : Served By Adjacent Building</i>					
Distribution Hot Wtr Piping/Pump	85%	2042	**	4	\$1,400
Hot Wtr Piping/Pump	15%	2051	**	4	\$200
<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
<i>Location : 2nd Floor</i>					
<i>Explanation : Serves Space Currently Being Renovated</i>					

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Asset # : 13103

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Terminal Devices								
Air Handler	40%			2026	\$47,200	1	\$5,400	
Convactor/Radiator	43%			2031	**	1	\$3,000	
Convactor/Radiator	15%			2046	**	1	\$1,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : Serves Space Currently Being Renovated</i>								
Unit Heater-Stm/HW	2%			2026	\$2,800	4	\$100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	60%			2026	\$44,500	1	\$6,100	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof Mechanical Room</i>								
Exterior Pkg Unit - Cooling	20%			2031	**	2	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : R 410a</i>								
Window/Wall Unit	20%			2021	\$9,000	1		
Distribution								
Chilled Wtr Pipe/Pump	60%			2036	**	4	\$600	
Ductwork/Diffusers	40%			LIFE	**	2	\$11,400	
Terminal Devices								
Air Handler/Cool/Ht	60%			2026	\$55,700	1	\$8,100	
No Component	40%							
Heat Rejection								
Water Cooling Tower	60%			2024	\$37,700	2	\$13,200	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$12,200	
Exhaust Fans								
Interior	60%			2026	\$14,500	2	\$400	
Roof	40%	Now	\$100	2026	\$7,000	2	\$200	
<i>Noisy/Vibrating, Extent : Light, Area Affected : 20%</i>								
<i>Location : Roof</i>								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	**	1		
Water Heater								
Electric	100%			2021	\$3,400	4	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : 2 - 120 Gallon Units</i>								

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BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER
Asset # : 13103

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

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Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : BATTALION 45 OLD EMS STATION 46
Address : 58-65 52ND ROAD @ E.106 ST
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0016.000 / 4438 **Yr Built/Renovated** : 1956 / 1998
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$468,500	\$396,800
Interior Architecture	\$148,400	\$29,700
Electrical	\$101,800	\$50,500
Mechanical		\$41,900
Total	\$718,700	\$518,800
Importance Code A	\$468,500	\$396,800
Importance Code B	\$250,200	\$122,100
Total	\$718,700	\$518,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$12,000		\$10,300	\$2,300
Interior Architecture	\$35,900	\$5,000	\$2,400	\$1,200
Electrical	\$1,900	\$4,100	\$13,700	\$2,900
Mechanical	\$11,100	\$2,300	\$15,600	\$2,300
Total	\$60,900	\$11,400	\$42,000	\$8,600
Importance Code A	\$15,500	\$1,100	\$11,400	\$3,400
Importance Code B	\$45,300	\$9,100	\$30,600	\$5,200
Importance Code C		\$1,100		
Total	\$60,900	\$11,400	\$42,000	\$8,600



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FIRE DEPARTMENT - 057
BATTALION 45 OLD EMS STATION 46
Asset # : 4438

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%	Now	\$42,400	LIFE	**	5	\$3,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East And West Facades</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade, West Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade</i>								
Masonry: Brick	10%			LIFE	**	5	\$5,200	
Metal Panel	5%			2045	**	5-10	\$17,700	
Metal Coiling Doors	10%			2038	**	5	\$16,100	
Stucco Cement	65%	Now	\$290,700	2030	**	5	\$41,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Northeast Corner</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Corners, North And West Facades</i>								
Windows								
Aluminum	75%			2041	**	5	\$4,500	
Steel	25%	Now	\$78,700	2050	**	5	\$9,400	
<i>Air Infiltration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Garage</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Garage</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Garage</i>								
Parapets								
Cast Stone/Terra Cotta	5%	Now	\$4,000	LIFE	**	5	\$2,400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coipng</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coping</i>								
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	60%	Now	\$42,600	2025			\$212,900	
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
<i>Ponding, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Flat Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Flat Roof Over Office</i>								
Modified Bitumen	40%	Now	\$14,200	2025			\$142,000	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Emergency Response Area</i>								
Interior								

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BATTALION 45 OLD EMS STATION 46
Asset # : 4438

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	45%	Now	\$148,400	LIFE	**	5	\$31,300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Emergency Response Area</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Emergency Response Area</i>								
<i>Uneven Surface, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Emergency Response Area</i>								
Ceramic Tile	3%			2034	**	5	\$1,000	
Panel/Paver: Cer/Brk	5%			2033	**	5	\$3,600	
Raised Access Floor	5%			2034	**	5	\$6,000	
Steel Plate	1%	Now	\$28,900	LIFE	**	1		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Emergency Response Area</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Emergency Response Area</i>								
<i>Uneven Surface, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Emergency Response Area</i>								
Vinyl Tile	11%			2025	\$29,700	3	\$1,300	
Vinyl Tile	30%			2030	**	3	\$4,800	
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								
AcousTileConcealSpLn	20%			2038	**	5	\$7,900	
AcousTileSusp.Lay-In	15%			2030	**	5	\$4,800	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Office</i>								
Exposed Struc: Steel	65%			LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Emergency Response Area</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	\$4,800	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : No Available Nameplate Ratings</i>								
Switchgear / Switchboard								
Fused Disc Sw	80%			2025	\$39,000	5	\$100	
Fused Disc Sw	20%			2045	**	5		

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FIRE DEPARTMENT - 057
BATTALION 45 OLD EMS STATION 46
Asset # : 4438

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2025	\$25,000	1		
Conduit	20%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	\$100	
Molded Case Bkrs	60%			2024	\$23,100	5	\$400	
Molded Case Bkrs	20%			2041	* *	5	\$100	
Molded Case Bkrs	10%			2033	* *	5	\$100	
Wiring								
Thermoplastic	80%			2025	\$22,200	1		
Thermoplastic	20%			2045	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	\$8,300	
Generators								
Diesel	50%			2034	* *	1	\$5,200	
					<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>			
					<i>Location : Outside</i>			
					<i>Explanation : Generator Rated @ 81 Kva</i>			
Not Accessible	50%							
Batteries								
Lead/Acid	100%			2019	\$1,500	5	\$1,000	
Fuel Storage								
Day Tank	50%			2041	* *	5	\$2,000	
					<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>			
					<i>Location : Outside</i>			
					<i>Explanation : No Available Nameplate Rating Capacity</i>			
Not Accessible	50%							
Lighting								
Interior Lighting								
Fluorescent	20%			2025	\$11,500	10	\$3,900	
					<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>			
					<i>Location : Throughout The Building</i>			
					<i>Explanation : T-12 Lamps</i>			
Fluorescent	60%			2030	* *	10	\$11,700	
					<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>			
					<i>Location : Throughout The Building</i>			
					<i>Explanation : T-8 Lamps</i>			
HID	20%			2025	\$4,200	10	\$100	
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	\$101,800	10	\$100	

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

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

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

FIRE DEPARTMENT - 057
BATTALION 45 OLD EMS STATION 46
Asset # : 4438

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

Alarm

Security System

No Component

70%

Generic

30%

2025

\$24,500

1

\$3,000

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Outside And Inside**Explanation : C C T V Surveillance Cameras*

Fire/Smoke Detection

No Component

90%

Generic, Analog

10%

2025

\$27,900

1-3

\$1,700

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Hallways**Explanation : Smoke Detectors*

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

Heating

Energy Source

Electricity

5%

2035

* *

1

Natural Gas

95%

2035

* *

1

Conversion Equipment

Furnace

10% Now

\$2,600

2035

* *

1

\$900

*Other Observation, Extent : Light, Area Affected : 95%**Location : 1 Obsolete Package Unit On The Roof**Explanation : Total - 7 Units*

Furnace

60%

2025

\$15,500

1

\$6,300

*Other Observation, Extent : Light, Area Affected : 60%**Location : Roof**Explanation : 3 Package Units*

Furnace

25%

2033

* *

1

\$2,600

*Other Observation, Extent : Light, Area Affected : 25%**Location : Roof**Explanation : 1 Package Unit*

Radiant Heater

5%

2025

\$4,700

2

\$500

Air Conditioning

Energy Source

Electricity

100%

2033

* *

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.

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

FIRE DEPARTMENT - 057
BATTALION 45 OLD EMS STATION 46
Asset # : 4438

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2025	\$41,900	2	\$400	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Roof</i>						
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 3 Units</i>						
Ext Pkg Unit - Heating/Cooling	20%			2033	* *	2	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 1 Unit Using Refrigerant R-410a</i>						
Ext Pkg Unit - Heating/Cooling	5%	Now	\$7,000	2035	* *	2	\$100	
		<i>Obsolete Equipment, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : Roof</i>						
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Roof</i>						
Window/Wall Unit	5%			2020	\$2,200	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,800	
Exhaust Fans								
Roof	90%			2025	\$15,200	2	\$600	
Wall Unit	10%			2020	\$3,200	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	\$4,900	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2020	\$2,100	1	\$1,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2035	* *	1-2	\$5,900	

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : BATTALION ENG. CO. 45/LAD CO. 58
Address : 925 EAST TREMONT AVENUE
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSECO.045 / 13033 **Yr Built/Renovated** : 1931 / 1975
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$136,700
Interior Architecture	\$234,500	
Electrical		\$101,500
Total	\$234,500	\$238,200
Importance Code A		\$136,700
Importance Code B	\$234,500	\$101,500
Total	\$234,500	\$238,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$41,000			\$2,700
Interior Architecture	\$39,900	\$1,400	\$1,100	\$1,100
Electrical	\$3,900	\$2,900	\$1,200	\$18,700
Mechanical	\$2,100	\$2,500	\$3,900	\$15,700
Total	\$87,000	\$6,800	\$6,200	\$38,300
Importance Code A	\$42,200	\$1,100	\$1,100	\$4,000
Importance Code B	\$13,400	\$4,900	\$5,100	\$34,200
Importance Code C	\$31,400	\$800		
Total	\$87,000	\$6,800	\$6,200	\$38,300



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

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

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

FIRE DEPARTMENT - 057
BATTALION ENG. CO. 45/LAD CO. 58
Asset # : 13033

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Alum/Vinyl Siding	20%	Now	\$4,600	2046	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Vinyl Vent Soffit At Roof Level</i>								
Masonry: Brick	55%	Now	\$28,700	LIFE	**	5	\$19,100	
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Rear Facade</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Rear Facade</i>								
Masonry: Brick	13%			LIFE	**	5	\$4,500	
Masonry: Granite	2%			LIFE	**	5	\$500	
Metal Sect. OHD	5%			2031	**	5	\$5,400	
Stucco Cement	5%	Now	\$5,000	2031	**	5	\$2,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : East Roof Wall</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : East Roof Wall</i>								
Windows								
Aluminum	100%			2042	**	5	\$3,000	
Parapets								
Masonry: Brick	85%			LIFE	**	5	\$3,600	
<i>Efflorescence, Extent : Light, Area Affected : 15%</i>								
<i>Location : Main Roofs</i>								
Masonry: Granite	5%			LIFE	**	5	\$300	
Masonry: Limestone	10%			LIFE	**	5	\$500	
Roof								
Modified Bitumen	100%	Now	\$2,700	2026	\$136,700			
<i>Alligatoring, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Roof Lap Seams.</i>								
<i>Blisters, Extent : Light, Area Affected : 5%</i>								
<i>Location : Engine Side.</i>								
<i>Debris Present, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Lower Roof Area</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : 2nd Floor Hatch.</i>								
<i>Explanation : Internal Fixed Hatch Ladder Pulling From Masonry.</i>								

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.

FIRE DEPARTMENT - 057
BATTALION ENG. CO. 45/LAD CO. 58
Asset # : 13033

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$47,300	LIFE	**	5	\$19,900	
<i>Horizontal Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Building Apparatus Floors.</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement 1932 Section</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 1932 Section</i>								
<i>Explanation : Apparatus Floor Slab Is Old And Does Not Carry Current Loads - Needs Replacement On 1932 Side</i>								
Ceramic Tile	10%			2035	**	5	\$2,300	
Quarry Tile	5%	Now	\$700	2031	**	5	\$900	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Kitchen</i>								
Terrazzo	5%			LIFE	**	5	\$900	
Vinyl Tile	40%			2021		3	\$4,600	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Ceramic Tile	5%			2029	**	5	\$1,600	
Concrete Masonry Unit	50%	Now	\$6,900	LIFE	**	5	\$6,300	
<i>Vertical Cracks, Extent : Light, Area Affected : 50%</i>								
<i>Location : Engine Side Stair Shaft</i>								
Marble Panels	5%			LIFE	**			
Plaster	25%	Now	\$6,300	LIFE	**	5	\$2,400	
<i>Paint Peeling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Roof Ladder Shaft At Second Floor</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Apparatus Floor Both Houses.</i>								
SGFT/Glazed Masonry	15%	Now	\$18,200	LIFE	**			
<i>Diagonal Cracks, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Spider Cracking Throughout Engine Side Apparatus Floor.</i>								
Ceilings								
AcousTileSusp.Lay-In	5%			2039	**	5	\$1,100	
Exposed Concrete	50%	Now	\$109,800	LIFE	**	5	\$1,800	
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Engine Side Basement Steel At Ceiling.</i>								
<i>Spalling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Engine Side Basement.</i>								
Plaster	45%	Now	\$6,700	LIFE	**	5	\$6,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Apparatus Floor Both Houses.</i>								
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Engine Side Of 1st Floor, 2nd Floor Locker Room</i>								

Note : 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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FIRE DEPARTMENT - 057
BATTALION ENG. CO. 45/LAD CO. 58
Asset # : 13033

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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	\$4,800	5	\$400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 300 Amp Service</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	* *	5	\$400	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Molded Case Bkrs	50%			2025	\$19,200	5	\$200	
Molded Case Bkrs	50%			2034	* *	5	\$200	
Wiring								
Thermoplastic	50%			2026	\$13,800	1		
Thermoplastic	50%			2036	* *	1		
Ground								
Grounding Devices								
Generic	100%	0-2	\$2,900	LIFE	* *	5	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Ground Clamp And Wire Are Corroded.</i>						
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	\$4,700	
Generators								
Diesel	100%			2029	* *	1	\$5,900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 25 Kw</i>						
Batteries								
Lead/Acid	100%			2019	\$1,500	5	\$600	
Fuel Storage								
Main Tank	100%			2041	* *	5	\$400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 275 Gallons.</i>						
Lighting								
Interior Lighting								
Fluorescent	95%			2026	\$39,200	10	\$13,300	
Incandescent	5%			2021	\$4,900	2		
Egress Lighting								
Emergency, Service	100%			2026	\$7,500	1		
Exterior Lighting								
HID	75%			2026	\$43,100	10		
Incandescent	25%			2021	\$12,200	2		

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FIRE DEPARTMENT - 057
BATTALION ENG. CO. 45/LAD CO. 58
Asset # : 13033

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
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							
Hot Wtr Piping/Pump	50%			2042	**	4	\$600
Steam Piping/Pump	50%			2046	**	4	\$600
Terminal Devices							
Convactor/Radiator	100%			2031	**	1	\$4,900
Air Conditioning							
Energy Source							
Electricity	100%			2042	**	1	
Conversion Equipment							
Exterior Pkg Unit - Cooling	20%			2021	\$14,000	2	\$200
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Roof</i>					
Split Unit	5%			2031	**		
Window/Wall Unit	60%			2024	\$18,700	1	
No Component	15%						
Distribution							
Ductwork/Diffusers	20%			LIFE	**	2	\$4,000
No Component	80%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,500
Exhaust Fans							
Interior	100%			2026	\$16,800	2	\$500
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2036	**	1	
Water Heater							
Gas Fired	100%			2024	\$3,500	2	\$200
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement</i>					
		<i>Explanation : 2 - 75 Gallon Units</i>					
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Sump Pump(s)							
Rigid Piping	100%			2031	**	4	\$2,500
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement</i>					
		<i>Explanation : 2 Units</i>					

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FIRE DEPARTMENT - 057
BATTALION ENG. CO. 45/LAD CO. 58
Asset # : 13033

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Plumbing									
	Fixtures								
	Generic	100%							

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : **BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE**
 Address : **451-453 EAST 176TH ST.**
 Borough : **BRONX** Agency's Number : **N/A**
 Program / Asset # : **FIRSCOM.000 / 13383** Yr Built/Renovated : **1894 / 2010**
 Area Sq Ft : **12,000** Project Type : **FIRE DEPARTMENT**
 Date of Survey : **04-May-2016** Landmark Status : **NONE**
 Areas Surveyed : **Basement, Roof, Floors 1,2,3**
 Block : **2909** Lot : **40** BIN : **2009541**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$68,300	\$49,700
Interior Architecture	\$254,400	
Total	\$322,700	\$49,700
Importance Code A	\$68,300	\$49,700
Importance Code B	\$254,400	
Total	\$322,700	\$49,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$85,500			\$2,000
Interior Architecture	\$87,100		\$6,800	\$1,100
Electrical	\$1,800	\$800	\$900	\$2,300
Mechanical	\$9,300	\$6,500	\$31,100	\$10,400
Total	\$183,600	\$7,300	\$38,900	\$15,700
Importance Code A	\$86,100	\$600	\$600	\$2,600
Importance Code B	\$41,500	\$6,700	\$38,300	\$12,600
Importance Code C	\$56,000			\$600
Total	\$183,600	\$7,300	\$38,900	\$15,700



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

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

FIRE DEPARTMENT - 057
BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE
Asset # : 13383

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	2-4	\$13,200	LIFE	**	5	\$12,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Front Facade</i>								
Masonry: Brick	70%	Now	\$68,300	LIFE	**	5	\$22,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Front Facade</i>								
Masonry: Brownstone	10%	Now	\$30,700	LIFE	**	5	\$2,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Overhead Door Frames</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At Overhead Door Frames</i>								
Wood Overhead Doors	15%			2032	**	5	\$24,300	
Windows								
Aluminum	100%			2043	**	5	\$1,700	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	**	5-10	\$23,000	
Copper/Terne	20%			2071	**	5	\$3,900	
Masonry: Brick	60%			LIFE	**	5-10	\$16,600	
Roof								
Roll Roofing	90%	Now	\$9,900	2023	\$49,700	5	\$10,100	
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Skylight, Metal/Glass	5%			2047	**	10	\$2,200	
Skylight, Plastic	5%			2040	**	1		
Interior								
Floors								
Cast in Place Concrete	25%	2-4	\$9,300	LIFE	**	5	\$9,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Apparatus Room</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Apparatus Room</i>								
Ceramic Tile	5%			2036	**	5	\$900	
Panel/Paver: Cer/Brk	15%	4+	\$15,800	2035	**	5	\$3,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : First Floor - Bronx Boro Command</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations - 1st Floor</i>								
Quarry Tile	10%			2040	**	5	\$2,700	
Vinyl Tile	45%			2032	**	3	\$3,000	

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

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

FIRE DEPARTMENT - 057
BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE
Asset # : 13383

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2036	**	5	\$1,200	
Ceramic Tile	10%	Now	\$6,800	2030	**	5	\$1,200	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Communications - Aparatus Floor</i>								
Gypsum Board	75%			LIFE	**	5-10	\$31,500	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Second And Third Floors</i>								
Masonry: Brick	10%	Now	\$28,800	LIFE	**			
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Sidewalk Vault</i>								
Ceilings								
AcousTileSusp.Lay-In	50%			2040	**	5	\$9,000	
Embossed Metal	25%			LIFE	**	5	\$4,000	
Exposed Struc: Steel	5%	0-2	\$188,800	LIFE	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Beams Supported By Lolly Columns</i>								
Gypsum Board	10%			LIFE	**	5-10	\$6,200	
Masonry: Vault Struct	10%	Now	\$65,600	LIFE	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Sidewalk Vault - Communications Side Of Building</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2027	\$4,800	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2- Main Service Disconnect Switches Rated @ 200 Amperes Each.</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2047	**	5	\$300	
Raceway								
Conduit	100%			2047	**	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.

FIRE DEPARTMENT - 057
BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE
Asset # : 13383

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2043	**	5		
Molded Case Bkrs	95%			2043	**	5	\$300	
Wiring								
Thermoplastic	100%			2047	**	1		
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	**	1	\$3,700	
Generators								
Diesel	100%			2036	**	1	\$4,700	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Emergency Generator Rated @ 80 Kva</i>						
Batteries								
Lead/Acid	100%			2021	\$1,500	5	\$400	
Fuel Storage								
Day Tank	50%			2043	**	5	\$1,100	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : No Available Nameplate Rating Capacity</i>						
Main Tank	50%			2030	**	5	\$200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : No Available Nameplate Rating Capacity</i>						
Lighting								
Interior Lighting								
Fluorescent	100%			2032	**	10	\$11,000	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Egress Lighting								
Emergency, Service	40%			2032	**	1		
Emergency, Battery	10%			2032	**	10	\$300	
Exit, Service	50%			2032	**	1		
Exterior Lighting								
LED	10%			2032	**			
No Component	90%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2053	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2044	**	1	\$5,900	

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

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

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

FIRE DEPARTMENT - 057
BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE
Asset # : 13383

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
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	100%			2049	**	4	\$600	
Terminal Devices								
Convactor/Radiator	75%			2044	**	1	\$2,900	
Unit Heater-Stm/HW	25%			2032	**	4	\$300	
Air Conditioning								
Energy Source								
Electricity	100%			2049	**	1		
Conversion Equipment								
Split Unit	50%			2035	**			
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 16 Split Units Using R-410 A</i>						
No Component	50%							
Terminal Devices								
Fan Coil - Cooling	50%			2035	**	1	\$1,900	
No Component	50%							
Heat Rejection								
Remote Air Cond	50%			2035	**	2	\$4,200	
No Component	50%							
Ventilation								
Exhaust Fans								
Wall Unit	30%			2032	**	2	\$100	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	**	1		
		<i>No Water Meter, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
Water Heater								
Gas Fired	100%			2026	\$2,800	2	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1-75 Gallon Unit</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Rigid Piping	100%			2027	\$11,000	4	\$2,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 Units - One Serves Each Side</i>						
Fixtures								
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.

Maintenance \$ are aggregated over a 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
BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE
Asset # : 13383

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Fire Suppression	Chemical System							
	Generic	100%			2020	\$26,100	1-3	\$55,000
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Kitchen, 1st Floor</i>								
<i>Explanation : 1 Set</i>								

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : COMMUNICATIONS CENTER - S.I.
Address : 65 SLOSSON AVENUE @ CLOVE LAKES PARK
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : FIR0008.010 / 1997 **Yr Built/Renovated** : 1962 / 2012
Area Sq Ft : 11,550 **Project Type** : FIRE DEPARTMENT
Date of Survey : 09-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Sub Basement, Roof, Floors 1
Block : 319 **Lot** : 1 **BIN** : 5112428

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$9,200	\$1,300		
Interior Architecture	\$34,600	\$4,600	\$12,300	
Electrical	\$2,700	\$2,600	\$2,100	\$1,900
Mechanical	\$12,100	\$8,800	\$11,900	\$8,500
Total	\$58,600	\$17,200	\$26,300	\$10,400
Importance Code A	\$9,800	\$1,900	\$600	\$600
Importance Code B	\$40,300	\$15,400	\$25,100	\$9,800
Importance Code C	\$8,500		\$700	
Total	\$58,600	\$17,200	\$26,300	\$10,400



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

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

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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER - S.I.
Asset # : 1997

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	**	5	\$2,900	
Masonry: Brick	80%			LIFE	**	5	\$15,300	
Metal Panel	5%			2047	**	5-10	\$3,300	
Metal Panel	10%			2047	**	5-10	\$6,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Service Room And Sun Shelves</i>								
<i>Explanation : Ancillary Structure</i>								
Window Wall	2%			2047	**	5	\$700	
Windows								
Aluminum	95%			2049	**	5	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Bullet Proof Glass</i>								
Glass Block	5%			LIFE	**	5	\$200	
Roof								
Modified Bitumen	90%			2032	**	10	\$9,000	
Modified Bitumen	10%			2032	**	10	\$1,000	
Interior								
Floors								
Carpet	25%			2028	**	3	\$6,200	
Cast in Place Concrete	25%			LIFE	**	5	\$18,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Topped With Epoxy Coating</i>								
Ceramic Tile	5%			2040	**	5	\$800	
Raised Access Floor	30%			2040	**	5	\$18,700	
Sheet Vinyl/Rubber	15%			2035	**	5	\$3,700	
Interior Walls								
Ceramic Tile	10%			2040	**	5	\$1,300	
Concrete Masonry Unit	40%			LIFE	**	5	\$4,200	
Gypsum Board	40%			LIFE	**	5-10	\$8,800	
Plaster	10%			LIFE	**	5-10	\$1,100	
Ceilings								
AcousTileSusp.Lay-In	30%			2044	**	5	\$5,000	
Exposed Concrete	45%			LIFE	**	5-10	\$9,400	
Exposed Struc: Steel	10%			LIFE	**	10	\$3,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Material Actually Concrete Metal Decking</i>								
Gypsum Board	15%			LIFE	**	5-10	\$8,600	

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

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
COMMUNICATIONS CENTER - S.I.

Asset # : 1997

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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%			2053	**	5	\$100	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : Main Service Disconnect Switch Rated @ 2000 Amperes.</i>							
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	**	5	\$100	
Raceway								
Conduit	100%			2053	**	1		
Panelboards								
Molded Case Bkrs	100%			2049	**	5	\$300	
Wiring								
Thermoplastic	100%			2053	**	1		
Motor Controllers								
Locally Mounted	10%			2044	**	5		
Variable Frequency Drive	90%			2044	**			
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	**	1	\$3,600	
Generators								
Diesel	100%			2040	**	1	\$4,500	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Generator Room</i>							
	<i>Explanation : 2- 638kva Emergency Generator</i>							
Batteries								
Lead/Acid	100%			2022	\$1,500	5	\$400	
Fuel Storage								
Day Tank	50%			2049	**	5	\$1,100	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Generator Room</i>							
	<i>Explanation : 275 Gallons Rated Capacity</i>							
Underground Storage	50%			LIFE	**	5	\$700	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Underground</i>							
	<i>Explanation : No Available Nameplate Rating Capacity</i>							
Lighting								
Interior Lighting								
Fluorescent	95%			2035	**	10	\$10,100	
	<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Fluorescent	5%			2035	**	10	\$500	
	<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Hallways</i>							

Note : 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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FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER - S.I.
Asset # : 1997

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Egress Lighting								
Emergency, Service	45%			2035	**	1		
Emergency, Battery	5%			2035	**	10	\$100	
Exit, LED	50%			2062	**	1		
<hr/>								
Exterior Lighting								
Fluorescent	20%			2035	**	10	\$200	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
<hr/>								
No Component	80%							
<hr/>								
Alarm								
Security System								
Generic	100%			2032	**	1	\$4,300	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : CCTV Surveillance System</i>						
<hr/>								
Fire/Smoke Detection								
Generic, Digital	100%			2032	**	1-3	\$7,100	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Horns, Strobe Lights</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2053	**	5	\$3,600	
<hr/>								
Conversion Equipment								
Hot Water Boiler	100%			2044	**	1	\$5,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						
<hr/>								
Distribution								
Hot Wtr Piping/Pump	100%			2049	**	4	\$600	
<hr/>								
Terminal Devices								
Air Handler	85%			2035	**	1	\$6,100	
Convactor/Radiator	15%			2044	**	1	\$600	
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		
<hr/>								
Conversion Equipment								
Centrifugal, Elec Chiller	80%			2030	**	1	\$10,000	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 80%</i>						
		<i>Location : Chiller, Back Yard</i>						
<hr/>								
No Component	20%							

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Estimates are rounded to the nearest hundred dollars.

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

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FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER - S.I.

Asset # : 1997

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	80%			2037	**	4	\$500	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	60%			2035	**	1	\$4,300	
Fan Coil - Cooling	20%			2035	**	1	\$800	
No Component	20%							
Heat Rejection								
Air Condenser Unit	80%			2027	\$14,700	2	\$6,400	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$10,200	
Exhaust Fans								
Roof	100%			2035	**	2	\$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2047	**	1		
Water Heater								
Electric	100%			2025	\$1,800	4	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sewage Ejector(s)								
Electric	100%			2035	**	4	\$2,500	
Backflow Preventer								
Generic	100%			2032	**	1	\$700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2053	**	1-2	\$500	
Chemical System								
Generic	100%			2026	\$26,100	1-3	\$50,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : 1 Wet Set In Kitchen, 2 Dry Sets (Fm-200) In Communication Room</i> <i>Explanation : 3 Sets</i>								

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : COMMUNICATIONS CENTER-BRONX
Address : 1129 EAST 180TH STREET @ BRONX PARK
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIR0007.010 / 1996 **Yr Built/Renovated** : 1915 / 2007
Area Sq Ft : 10,860 **Project Type** : FIRE DEPARTMENT
Date of Survey : 04-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,ATT
Block : 4333 **Lot** : 1 **BIN** : 2101003

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$48,400	
Total	\$48,400	
Importance Code A	\$48,400	
Total	\$48,400	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$50,400	\$2,200		
Interior Architecture	\$35,900		\$4,000	\$5,200
Electrical	\$3,100	\$1,800	\$2,200	\$3,300
Mechanical	\$11,600	\$11,700	\$8,900	\$6,700
Total	\$100,900	\$15,600	\$15,100	\$15,200
Importance Code A	\$50,900	\$2,700	\$500	\$500
Importance Code B	\$42,600	\$12,900	\$14,600	\$14,500
Importance Code C	\$7,400			\$200
Total	\$100,900	\$15,600	\$15,100	\$15,200



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

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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-BRONX
Asset # : 1996

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%	4+	\$28,800	LIFE	**	5	\$13,800	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Window Sill And Door Openings</i>								
Masonry: Brick	82%	4+	\$12,500	LIFE	**	5	\$20,800	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Rear Facade</i>								
Masonry: Limestone	5%	Now	\$7,700	LIFE	**	5	\$1,000	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Balustrade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Balustrade Throughout</i>								
Metal: Cage/Fence	1%			2044	**	5	\$1,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Decorative Grilles At Window Openings</i>								
Stucco Cement	2%			2032	**	5	\$1,300	
Window Wall	3%			2053	**	5	\$2,800	
Windows								
Aluminum	97%			2049	**	5	\$3,300	
Metal Louvers	3%			2036	**	10	\$600	
Roof								
Clay Tile	90%	Now	\$48,400	2047	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Ice Breakers Missing</i>								
Copper/Terne	7%			2062	**	10	\$2,800	
Panel/Paver: Cer/Brk	3%			2037	**	10	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entry Portico</i>								
<i>Explanation : Walking Surface Over Vault</i>								
Interior								
Floors								
Carpet	27%			2026	\$58,300	3	\$6,900	
Cast in Place Concrete	25%			LIFE	**	5	\$18,500	
Ceramic Tile	3%			2036	**	5	\$500	
Quarry Tile	2%			2032	**	5	\$500	
Raised Access Floor	15%			2036	**	5	\$9,500	
Terrazzo	5%			LIFE	**	5	\$1,300	
Vinyl Tile	23%			2032	**	3	\$1,500	

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

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

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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-BRONX

Asset # : 1996

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	3%			2036	**	5	\$400	
Concrete Masonry Unit	5%			LIFE	**	5	\$600	
Fabric on Framing	45%			2028	**	5	\$3,200	
Gypsum Board	15%			LIFE	**	5-10	\$3,600	
Masonry: Brick	10%			LIFE	**	10	\$400	
Plaster	20%			LIFE	**	5-10	\$2,400	
Wood	2%			LIFE	**	5	\$2,300	
Ceilings								
AcousTileSusp.Lay-In	15%			2040	**	5	\$2,500	
Exposed Concrete	20%			LIFE	**	5-10	\$4,200	
Gypsum Board	15%			LIFE	**	5-10	\$8,700	
Plaster	50%			LIFE	**	5-10	\$14,600	
Electrical								
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%			2047	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated @ 2000 Amperes</i>								
Transformers								
Dry Type	100%			2040	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 225kva, 480/208/120 Volts</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2047	**	5		
Raceway								
Conduit	100%			2047	**	1		
Panelboards								
Molded Case Bkrs	100%			2043	**	5	\$300	
Wiring								
Thermoplastic	100%			2047	**	1		
Motor Controllers								
Locally Mounted	100%			2040	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	**	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.

Maintenance \$ are aggregated over a 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-BRONX
Asset # : 1996

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power Generators								
Diesel	50%			2036	**	1	\$2,100	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : 2 Emergency Generator Rated @ 125 Kva Each</i>						
Diesel	50%			2036	**	1	\$2,100	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : 2 Emergency Generator Rated @ 638kva Each</i>						
Batteries								
Lead/Acid	100%			2021		5	\$400	
Fuel Storage								
Day Tank	50%			2043	**	5	\$1,000	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : 247 Gallons Rated Capacity</i>						
Underground Storage	50%			LIFE	**	5	\$700	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Underground</i>						
		<i>Explanation : 5000 Gallons Rated Capacity</i>						
Lighting								
Interior Lighting								
Fluorescent	90%			2032	**	10	\$9,000	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	8%			2032	**	10	\$800	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Corridors</i>						
		<i>Explanation : Compact Fluorescent Lamps</i>						
Incandescent	2%			2032	**	2		
Egress Lighting								
Emergency, Service	50%			2032	**	1		
Emergency, Battery	10%			2032	**	10	\$300	
Exit, Service	40%			2032	**	1		
Exterior Lighting								
HID	20%			2032	**	10		
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2055	**	5	\$300	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Tower And Roof</i>						
		<i>Explanation : Steel Lightning Rods</i>						
Alarm								

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

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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-BRONX

Asset # : 1996

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

Alarm

Security System

Generic

100% 2032 * * 1 \$4,100

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

Location : Inside And Outside The Building

Explanation : CCTV Surveillance System And Intrusion Alarm System

Fire/Smoke Detection

Generic, Digital

100% 2032 * * 1-3 \$6,700

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

Location : Throughout The Building

Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
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% 2047 * * 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% 2043 * * 4 \$800

Terminal Devices

Air Handler

60% 2032 * * 1 \$4,000

Convactor/Radiator

40% 2040 * * 1 \$1,400

Air Conditioning

Energy Source

Electricity

100% 2043 * * 1

Conversion Equipment

Centrifugal, Elec Chiller

90% 2036 * * 1 \$10,600

R-22 Refrigerant, Extent : Light, Area Affected : 90%

Location : Outside In The Yard

No Component

10%

Distribution

Chilled Wtr Pipe/Pump

90% 2047 * * 4 \$700

No Component

10%

Terminal Devices

Air Handler/Cool/Ht

70% 2032 * * 1 \$4,700

Fan Coil - Cooling

20% 2032 * * 1 \$700

No Component

10%

Heat Rejection

Air Condenser Unit

90% 2032 * * 2 \$6,800

No Component

10%

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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-BRONX

Asset # : 1996

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
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	\$9,600	
Exhaust Fans								
Interior	100%			2032	**	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2047	**	1		
Water Heater								
Oil Fired	100%			2025	\$3,400	1	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 Units</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	30%							
Generic	70%			2047	**	1-2	\$2,100	
Chemical System								
Generic	100%			2025	\$26,100	1-3	\$50,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1 Wet Set In Kitchen, 1 Dry Set (Fm-200) In Communication Room</i>						
		<i>Explanation : 2 Sets</i>						

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : COMMUNICATIONS CENTER-BROOKLYN
Address : 35 EMPIRE BLVD @ WASHINGTON AVE.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIR0005.010 / 1994 **Yr Built/Renovated** : 1916 / 2016
Area Sq Ft : 10,826 **Project Type** : FIRE DEPARTMENT
Date of Survey : 28-Apr-2016 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1
Block : 1183 **Lot** : 51 **BIN** : 3029669

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$54,000	
Total	\$54,000	
Importance Code A	\$54,000	
Total	\$54,000	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$33,400	\$1,300		
Interior Architecture	\$38,100	\$6,100	\$4,500	\$400
Electrical	\$2,100	\$2,200	\$1,800	\$1,600
Mechanical	\$10,300	\$8,500	\$12,200	\$9,300
Total	\$83,900	\$18,200	\$18,500	\$11,300
Importance Code A	\$33,900	\$1,800	\$500	\$500
Importance Code B	\$35,900	\$16,400	\$18,000	\$10,800
Importance Code C	\$14,000			
Total	\$83,900	\$18,200	\$18,500	\$11,300



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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-BROOKLYN
Asset # : 1994

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	12%	4+	\$54,000	LIFE	**	5	\$23,700	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Cornices And Decorative Elements</i>								
Masonry: Brick	80%			LIFE	**	5	\$40,500	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Rear Facade</i>								
<i>Patching Evident, Extent : Light, Area Affected : 35%</i>								
<i>Location : All Facades</i>								
Masonry: Limestone	8%			LIFE	**	5	\$3,000	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Sills And Lintels</i>								
Windows								
Aluminum	75%			2049	**	5	\$2,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Bullet Resistant Glass And/or Protective Metal Grilles</i>								
Aluminum	25%	Now	\$11,600	2035	**	5	\$400	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement Windows</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement Windows</i>								
Roof								
Clay Tile	95%			2047	**	10	\$15,400	
Panel/Paver: Cer/Brk	5%			2037	**	10	\$1,100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Entry Portico</i>								
Interior								
Floors								
Carpet	45%			2028	**	3	\$11,400	
Cast in Place Concrete	25%			LIFE	**	5	\$18,500	
Ceramic Tile	5%			2036	**	5	\$800	
Quarry Tile	5%			2044	**	5	\$1,300	
Raised Access Floor	10%			2040	**	5	\$6,400	
Sheet Vinyl/Rubber	10%			2035	**	5	\$2,500	
Interior Walls								
Gypsum Board	85%			LIFE	**	5-10	\$20,700	
Masonry: Brick	15%			LIFE	**	10	\$600	
Ceilings								
AcousTileSusp.Lay-In	20%			2044	**	5	\$3,400	
Exposed Concrete	40%			LIFE	**	5-10	\$8,500	
Plaster	40%			LIFE	**	5-10	\$11,700	

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

Note : 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
COMMUNICATIONS CENTER-BROOKLYN
Asset # : 1994

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	100%			2053	**	5	\$100	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Low Voltage Power Circuit Breaker Rated @ 1600 Amperes.</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	**	5	\$300	
Raceway								
Conduit	100%			2053	**	1		
Panelboards								
Fused Disc Sw	5%			2049	**	5		
Molded Case Bkrs	95%			2049	**	5	\$300	
Wiring								
Thermoplastic	100%			2053	**	1		
Motor Controllers								
Variable Frequency Drive	100%			2044	**			
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	**	1	\$3,300	
Generators								
Diesel	100%			2040	**	1	\$4,200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : 2- Diesel Generators Rated @ 450 Kw Each.</i>						
Batteries								
Lead/Acid	100%			2022	\$1,600	5	\$400	
Fuel Storage								
Day Tank	50%			2049	**	5	\$1,000	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : 2 Day Tanks Rated Capacity 275 Gallons Each.</i>						
Main Tank	50%			2062	**	5	\$200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Underground</i>						
		<i>Explanation : Main Tank Rated Capacity 3000 Gallons</i>						
Lighting								
Interior Lighting								
LED	100%			2035	**			
Egress Lighting								
Emergency, Service	45%			2035	**	1		
Emergency, Battery	5%			2035	**	10	\$100	
Exit, LED	50%			2062	**	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.

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FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-BROOKLYN
Asset # : 1994

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Exterior Lighting								
LED	20%			2035	**			
No Component	80%							
Alarm								
Security System								
No Component	40%							
Generic	60%			2035	**	1	\$2,400	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallways And Outside</i>						
		<i>Explanation : Cctv Surveillance Camera System</i>						
Fire/Smoke Detection								
Generic, Digital	100%			2035	**	1-3	\$6,700	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2057	**	5	\$3,400	
Conversion Equipment								
Hot Water Boiler	100%			2047	**	1	\$5,400	
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Boiler Room</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2052	**	4	\$500	
Terminal Devices								
Air Handler	40%			2037	**	1	\$2,700	
Convector/Radiator	60%			2047	**	1	\$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2049	**	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2042	**	1	\$11,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Backyard</i>						
		<i>Explanation : 1 Unit. R-410a</i>						
Distribution								
Chilled Wtr Pipe/Pump	100%			2057	**	4	\$500	
Terminal Devices								
Air Handler/Cool/Ht	60%			2037	**	1	\$4,000	
Fan Coil - Cooling	40%			2037	**	1	\$1,400	
Heat Rejection								
Evap Condenser	100%			2037	**	2	\$7,500	

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FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-BROOKLYN
Asset # : 1994

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,600
Exhaust Fans							
Interior	100%			2037	**	2	\$300
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2057	**	1	
HW Heat Exchanger							
Low Temp	100%			2057	**	4	\$1,100
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Backflow Preventer							
Generic	100%			2037	**	1	\$700
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
Generic	100%			2057	**	1-2	\$3,000
Chemical System							
Dry	100%			2026	\$28,500	1-3	\$50,600
<i>Dry System, Extent : Light, Area Affected : 100%</i>							
<i>Location : 2 Sets (Fm-200) In Communication Room</i>							

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : COMMUNICATIONS CENTER-MANHATTAN
Address : 79TH STREET TRANSVERSE ROAD CENTRAL PARK
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0004.010 / 1993 **Yr Built/Renovated** : 1915 / 2012
Area Sq Ft : 6,381 **Project Type** : FIRE DEPARTMENT
Date of Survey : 11-May-2016 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1
Block : 1111 **Lot** : 1 **BIN** : 1083814

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$209,900	\$44,700
Electrical		\$65,000
Total	\$209,900	\$109,700
Importance Code A	\$209,900	\$44,700
Importance Code B		\$65,000
Total	\$209,900	\$109,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$29,100	\$1,200	\$1,700	
Interior Architecture	\$15,100	\$500	\$600	
Electrical	\$13,800	\$1,000	\$1,300	\$2,700
Mechanical	\$5,400	\$5,500	\$10,200	\$4,800
Total	\$63,500	\$8,200	\$13,700	\$7,500
Importance Code A	\$29,400	\$1,600	\$2,000	\$300
Importance Code B	\$30,700	\$6,700	\$11,700	\$7,200
Importance Code C	\$3,400			
Total	\$63,500	\$8,200	\$13,700	\$7,500



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

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

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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-MANHATTAN
Asset # : 1993

Architecture	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	30%	Now	\$115,100	LIFE	**	5	\$25,300	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%</i>								
<i>Location : All Facades</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Rear Facade</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Rear Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Cornice Trim</i>								
Masonry: Brick	2%			LIFE	**	5	\$400	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Chimney</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Chimney</i>								
<i>Explanation : Stucco On Brick</i>								
Masonry: Granite	68%	0-2	\$94,800	LIFE	**	5	\$5,500	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Rear Facade</i>								
Windows								
Aluminum	90%			2049	**	5	\$2,400	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Metal Louvers	10%			2030	**	10	\$1,700	
Parapets								
Cast Stone/Terra Cotta	100%	Now	\$28,900	LIFE	**	5	\$26,300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Sout East Corner</i>								
Roof								
Copper/Terne	90%			2042	**	10	\$40,200	
Copper/Terne	10%			2062	**	10	\$4,500	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Roof Penetrations And Eastern Step Down Roof</i>								
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$16,700	
Ceramic Tile	10%			2040	**	5	\$1,000	
Vinyl Tile	10%			2035	**	3	\$400	
Under Construction	40%							
Interior Walls								
Concrete Masonry Unit	25%			LIFE	**	5	\$2,200	
Gypsum Board	10%			LIFE	**	5-10	\$1,900	
Masonry: Brick	15%			LIFE	**	10	\$500	
Plaster	10%			LIFE	**	5-10	\$900	
Under Construction	40%							

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FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-MANHATTAN
Asset # : 1993

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2044	**	5	\$1,000	
Exposed Concrete	50%	4+	\$3,400	LIFE	**	5	\$700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Basement</i>								
Under Construction	40%							
<hr/>								
Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2047	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 2- Main Service Disconnect Switches Rated @ 1200 Amperes And 700 Amperes</i>								
<hr/>								
Transformers								
Dry Type	100%			2025	\$17,200	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 75kva, 208/120 Volts</i>								
<hr/>								
Switchgear / Switchboard								
Fused Disc Sw	60%			2027	\$53,100	5		
Molded Case Bkrs	40%			2047	**	5	\$100	
<hr/>								
Raceway								
Conduit	60%			2027	\$9,100	1		
Conduit	40%			2047	**	1		
<hr/>								
Panelboards								
Molded Case Bkrs	60%			2026	\$9,800	5	\$100	
Molded Case Bkrs	40%			2043	**	5	\$100	
<hr/>								
Wiring								
Thermoplastic	50%			2027	\$10,000	1		
Thermoplastic	50%			2047	**	1		
<hr/>								
Motor Controlllers								
Locally Mounted	70%			2025	\$22,500	5		
Locally Mounted	30%			2040	**	5		
<hr/>								
Ground								
Grounding Devices								
Generic	100%	2-4	\$10,400	LIFE	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : Corroded</i>								
<hr/>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	**	1	\$2,000	

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FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-MANHATTAN

Asset # : 1993

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Generators								
Diesel	100%			2036	**	1	\$2,500	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : 2 - 300 Kw Detroit Diesel Generators</i>						
<hr/>								
Batteries								
Lead/Acid	100%			2021	\$1,600	5	\$200	
<hr/>								
Fuel Storage								
Day Tank	50%			2043	**	5	\$600	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : 275 Gallons Capacity</i>						
<hr/>								
Underground Storage	50%			LIFE	**	5	\$400	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Underground</i>						
		<i>Explanation : 5000 Gallons Rated Capacity</i>						
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	30%			2022	\$11,900	10	\$1,800	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
<hr/>								
Fluorescent	70%			2032	**	10	\$4,100	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
<hr/>								
Egress Lighting								
Emergency, Service	48%			2032	**	1		
Emergency, Battery	2%			2032	**	10		
Exit, LED	50%			2055	**	1		
<hr/>								
Exterior Lighting								
LED	20%			2035	**			
No Component	80%							
<hr/>								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2030	**	5	\$200	
<hr/>								
Alarm								
Security System								
Generic	100%			2027	\$21,100	1	\$2,400	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : CCTV Surveillance System And Intrusion Alarm System</i>						

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FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-MANHATTAN

Asset # : 1993

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

Alarm

Fire/Smoke Detection
Generic, Digital

100% 2035 * * 1-3 \$3,900

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

Location : Throughout The Building

Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns And Smoke

Detectors

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

Heating

Energy Source

Electricity

10%

2037

* *

1

Fuel Oil No 2

90%

2037

* *

5

\$1,800

Conversion Equipment

Hot Water Boiler

90%

2044

* *

1

\$2,800

Other Observation, Extent : Light, Area Affected : 90%

Location : Basement Boiler Room

Explanation : 2 Units

Radiant Heater

10%

2035

* *

2

\$300

Distribution

Hot Wtr Piping/Pump

90%

2049

* *

4

\$300

No Component

10%

Terminal Devices

Convector/Radiator

90%

2044

* *

1

\$1,900

No Component

10%

Air Conditioning

Energy Source

Electricity

100%

2043

* *

1

Conversion Equipment

Centrifugal, Elec Chiller

30%

2036

* *

1

\$2,100

R-22 Refrigerant, Extent : Light, Area Affected : 30%

Location : Back Yard

Split Unit

10%

2035

* *

Other Observation, Extent : Light, Area Affected : 10%

Location : Back Yard

Explanation : 2 Units. R-410a

No Component

60%

Distribution

Chilled Wtr Pipe/Pump

30%

2047

* *

4

\$100

No Component

70%

Terminal Devices

Fan Coil - Cooling

40%

2035

* *

1

\$800

No Component

60%

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FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-MANHATTAN
Asset # : 1993

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Condenser Unit	30%			2032	**	2	\$1,300	
Remote Air Cond	10%			2035	**	2	\$400	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	**	2-5	\$1,700	
			<i>Other Observation, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Communication Equipment Room, Basement</i>					
			<i>Explanation : New Ductwork</i>					
No Component	70%							
Exhaust Fans								
Roof	30%			2022	\$1,700	2	\$100	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2047	**	1		
Water Heater								
Electric	100%			2022	\$1,100	4	\$100	
Sanitary Piping								
Cast Iron	50%			LIFE	**	1		
Cast Iron	50%			LIFE	**	1		
Sump Pump(s)								
Rigid Piping	100%			2027	\$12,100	4	\$2,500	
Sewage Ejector(s)								
Electric	100%			2032	**	4	\$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Dry	100%			2026	\$28,500	1-3	\$50,600	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement Communication Room</i>					
			<i>Explanation : Fm-200</i>					

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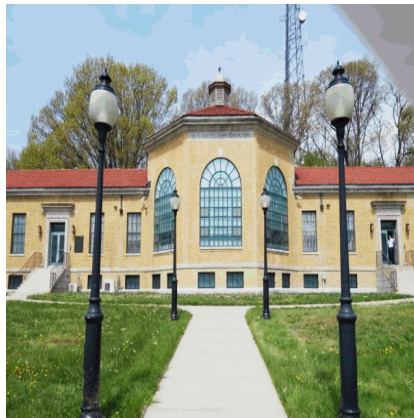
Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : COMMUNICATIONS CENTER-QUEENS
Address : 83-98 WOODHAVEN BOULEVARD @ PARK LANE SOUTH
Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0006.010 / 1995 Yr Built/Renovated : 1925 / 2006
Area Sq Ft : 9,804 Project Type : FIRE DEPARTMENT
Date of Survey : 25-Apr-2016 Landmark Status : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 3866 Lot : 70 BIN : 4439147

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$38,500	
Mechanical		\$86,600
Total	\$38,500	\$86,600
Importance Code A	\$38,500	
Importance Code B		\$86,600
Total	\$38,500	\$86,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$52,000			
Interior Architecture	\$27,300		\$5,800	\$5,900
Electrical	\$2,800	\$1,600	\$1,800	\$3,100
Mechanical	\$10,400	\$11,000	\$8,100	\$6,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$96,300	\$16,600	\$19,700	\$19,200
Importance Code A	\$52,400	\$500	\$500	\$500
Importance Code B	\$28,600	\$16,100	\$19,200	\$18,300
Importance Code C	\$15,300			\$400
Total	\$96,300	\$16,600	\$19,700	\$19,200



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FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-QUEENS

Asset # : 1995

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	**	5	\$40,800	
Masonry: Granite	3%			LIFE	**	5	\$1,100	
Masonry: Limestone	10%	Now	\$29,000	LIFE	**	5	\$1,800	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Cornices</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Cornices</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Drip Edges Under Window Sills</i>								
Metal Coiling Doors	2%			2032	**	5	\$1,500	
Windows								
Aluminum	10%			2043	**	5	\$400	
Aluminum	90%			2043	**	5	\$3,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Bullet Resistant Glass</i>								
Roof								
Clay Tile	95%	Now	\$38,500	2047	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 20%</i>								
<i>Location : At Dome</i>								
Copper/Terne	5%			2055	**	10	\$4,900	
Interior								
Floors								
Carpet	30%			2026	\$52,500	3	\$6,200	
Cast in Place Concrete	20%	Now	\$1,400	LIFE	**	5	\$6,000	
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Facade - Boiler Room</i>								
Ceramic Tile	5%			2036	**	5	\$700	
Raised Access Floor	20%			2036	**	5	\$10,300	
Terrazzo	5%			LIFE	**	5	\$1,100	
Vinyl Tile	20%			2035	**	3	\$1,000	
Interior Walls								
Cast in Place Concrete	10%			LIFE	**	10	\$4,400	
Ceramic Tile	5%			2036	**	5	\$900	
Fabric on Framing	20%			2028	**	5	\$1,800	
Gypsum Board	35%			LIFE	**	5-10	\$10,500	
Masonry: Brick	10%			LIFE	**	10	\$500	
Plaster	5%	Now	\$1,200	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Communication Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Communication Room - Leak Repaired At Roof But Interior Damage Not Resolved</i>								
Plaster	15%			LIFE	**	5-10	\$2,200	

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FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-QUEENS

Asset # : 1995

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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	
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Misaligned/Bulging, Extent : Light, Area Affected : 25%
Location : Various Locations

Exposed Concrete	20%			LIFE	**	5-10	\$3,400	
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Gypsum Board	10%			LIFE	**	5-10	\$4,700	
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Plaster	5%	Now	\$1,800	LIFE	**	5	\$400	
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Cracking/Crumbling, Extent : Moderate, Area Affected : 5%
Location : Communication Room

Water Penetration, Extent : Moderate, Area Affected : 10%

Location : Communication Room - Leak Repaired At Roof But Interior Damage Not Resolved

Plaster	15%			LIFE	**	5-10	\$3,500	
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Electrical		Current Repair		Future Replacement		Maintenance		Priority
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%			2047	**	5		
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Other Observation, Extent : Moderate, Area Affected : 100%
Location : Electrical Room

Explanation : Main Service Disconnect Switch Rated @ 2000 Amperes

Transformers

Dry Type	100%			2040	**	5		
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Other Observation, Extent : Moderate, Area Affected : 100%
Location : Electrical Room

Explanation : 225 Kva, 480/208/120 Volts

Switchgear / Switchboard

Fused Disc Sw	100%			2047	**	5		
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Raceway

Conduit	100%			2047	**	1		
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Panelboards

Molded Case Bkrs	100%			2043	**	5	\$300	
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Wiring

Thermoplastic	100%			2047	**	1		
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Motor Controllers

Locally Mounted	100%			2040	**	5	\$100	
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Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$300	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Water Meter Room

Explanation : Connected To Main Water Pipe.

Stand-by Power

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FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-QUEENS

Asset # : 1995

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	**	1	\$3,000	
Generators								
Diesel	50%			2036	**	1	\$1,900	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : 2 - 638 Kva Kohler Power System</i>						
Diesel	50%			2036	**	1	\$1,900	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside The Building</i>						
		<i>Explanation : 2 - 125 Kva</i>						
Batteries								
Lead/Acid	100%			2021	\$1,500	5	\$400	
Fuel Storage								
Day Tank	50%			2043	**	5	\$900	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : 2-265 Gallons Rated Capacity</i>						
Underground Storage	50%			LIFE	**	5	\$600	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Underground</i>						
		<i>Explanation : 5000 Gallons Rated Capacity</i>						
Lighting								
Interior Lighting								
Fluorescent	70%			2032	**	10	\$5,900	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	30%			2032	**	10	\$2,500	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Corridors And Offices</i>						
		<i>Explanation : Compact Fluorescent Lamps</i>						
Egress Lighting								
Emergency, Service	50%			2032	**	1		
Emergency, Battery	10%			2032	**	10	\$200	
Exit, Service	40%			2032	**	1		
Exterior Lighting								
HID	20%			2032	**	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2032	**	1	\$3,700	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Inside And Outside The Building</i>						
		<i>Explanation : CCTV Surveillance System And Intrusion Alarm System</i>						

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FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-QUEENS
Asset # : 1995

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

Alarm

Fire/Smoke Detection
Generic, Digital

100%	2032	**	1-3	\$6,000
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Other Observation, Extent : Moderate, Area Affected : 100%
Location : Throughout The Building
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, Horns

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

Heating

Energy Source

Fuel Oil No 2

100%	2037	**	5	\$2,800
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Conversion Equipment

Hot Water Boiler

100%	2032	**	1	\$4,500
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Other Observation, Extent : Light, Area Affected : 100%
Location : Basement
Explanation : 2 Units

Distribution

Hot Wtr Piping/Pump

100%	2043	**	4	\$700
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Terminal Devices

Air Handler

55%	2027		1	\$3,100
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Convactor/Radiator

20%	2040	**	1	\$600
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Fan Coil Unit/Heat

25%	2027		1	\$700
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Air Conditioning

Energy Source

Electricity

100%	2043	**	1	
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Conversion Equipment

Centrifugal, Elec Chiller

85%	2030	**	1	\$8,400
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R-22 Refrigerant, Extent : Light, Area Affected : 85%
Location : Chiller, Side Yard

Interior Pkg Unit -
Cooling

15%	2028	**	2	\$100
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R-22 Refrigerant, Extent : Light, Area Affected : 15%
Location : 4 Units, Communication Room

Distribution

Chilled Wtr Pipe/Pump

85%	2047	**	4	\$600
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No Component

15%

Terminal Devices

Air Handler/Cool/Ht

35%	2027		1	\$2,000
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Fan Coil - Cool/Heat

50%	2027		1	\$1,500
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No Component

15%

Heat Rejection

Air Condenser Unit

85%	2032	**	2	\$5,400
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Remote Air Cond

15%	2032	**	2	\$1,000
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Ventilation

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

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

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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-QUEENS

Asset # : 1995

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,100	
Exhaust Fans								
Interior	100%			2032	* *	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2047	* *	1		
Water Heater								
Oil Fired	100%			2025	\$2,800	1	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 Units</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : B-1</i>						
		<i>Explanation : 1 Unit</i>						
Fire Suppression								
Sprinkler								
Generic	100%			2047	* *	1-2	\$2,600	
Chemical System								
Generic	100%			2025	\$26,100	1-3	\$50,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1 Wet Set In Kitchen, 2 Dry Sets (Fm-200) In Communication Room</i>						
		<i>Explanation : 3 Sets</i>						

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : EMS 22 AND 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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$57,700	
Electrical		\$71,800
Total	\$57,700	\$71,800
Importance Code A	\$57,700	
Importance Code B		\$71,800
Total	\$57,700	\$71,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$800	\$22,600	\$700	
Interior Architecture	\$27,700		\$800	
Electrical	\$2,900	\$1,900	\$1,300	\$1,100
Mechanical	\$1,100	\$1,200	\$5,500	\$1,200
Total	\$32,400	\$25,600	\$8,300	\$2,200
Importance Code A	\$1,300	\$23,100	\$1,200	\$500
Importance Code B	\$30,400	\$2,500	\$7,100	\$1,700
Importance Code C	\$700			
Total	\$32,400	\$25,600	\$8,300	\$2,200



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

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

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

FIRE DEPARTMENT - 057
EMS 22 AND MAINTENANCE GARAGE WILLOWBROOK STATION
Asset # : 14007

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$17,200	
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Building 50 - Integrated Facility</i>								
<i>Explanation : Ems Station Is Part Of A Larger Building Within Seaview Hospital Campus - Asset #13433 Also Housing An Ocme Facility</i>								
Masonry: Brick	50%			LIFE	**	5	\$17,200	
Metal Panel	20%			2044	**	5-10	\$47,300	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 5%</i>								
<i>Location : Bulkhead</i>								
Metal Sect. OHD	5%			2037	**	5	\$5,400	
Window Wall	15%			2044	**	5	\$19,300	
Windows								
Aluminum	100%			2040	**	5	\$1,300	
Parapets								
Metal Panel	25%	4+	\$700	2044	**	5	\$300	
<i>Deteriorated Finish, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout All Vertical Corrugated Surfaces</i>								
Metal Rail	5%	4+	\$100	2037	**	5	\$200	
<i>Deteriorated Finish, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout.</i>								
Pre-Cast Concrete	70%			LIFE	**	5	\$3,000	
Roof								
Single Ply Membrane	100%	0-2	\$57,700	2029	**			
<i>Blisters, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Drains Clogged, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	50%	Now	\$17,900	LIFE	**	5	\$17,200	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Garage Area</i>								
Ceramic Tile	10%			2033	**	5	\$1,600	
Vinyl Tile	40%			2029	**	3	\$2,400	
Interior Walls								
Ceramic Tile	10%			2033	**	5	\$1,400	
Concrete Masonry Unit	30%			LIFE	**	5	\$1,700	
Gypsum Board	60%			LIFE	**	5	\$5,200	
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								

Note : 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 22 AND MAINTENANCE GARAGE WILLOWBROOK STATION
Asset # : 14007

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	60%	Now	\$8,300	2037	**	5	\$4,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Gypsum Board	40%			LIFE	**	5	\$7,900	
Site Pavements								
Parking/Driveway								
Asphalt	100%	Now		2033	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<hr/>								
Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Rear Ground Level Electrical Room</i>								
<i>Explanation : One 1200 Amp Switch - Siemens Equipment</i>								
Transformers								
Liquid Filled	100%			2037	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside Enclosure</i>								
<i>Explanation : One 13.8 Kva 480lv-208/120lv</i>								
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	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : In Garage And Electrical Room</i>								
<i>Explanation : 1- 150 Amp And 1- 260 Amp Switch. Kohler Equipment</i>								

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

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

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FIRE DEPARTMENT - 057
EMS 22 AND MAINTENANCE GARAGE WILLOWBROOK STATION
Asset # : 14007

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2027	\$71,800	1	\$4,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside Of Building</i>								
<i>Explanation : One 100 Kva Generator</i>								
Batteries								
Lead/Acid	100%			2018	\$1,600	5	\$400	
Fuel Storage								
Main Tank	100%			2052	**	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 275 Gallons</i>								
Lighting								
Interior Lighting								
Fluorescent	93%			2024	\$28,900	10	\$9,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Fixtures In Garage And Throughout First Floor / T-12 Fixtures In Hallway</i>								
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	**	1-3	\$3,200	
Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		

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

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

FIRE DEPARTMENT - 057
EMS 22 AND MAINTENANCE GARAGE WILLOWBROOK STATION
Asset # : 14007

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Furnace	50%			2029	**	1	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof, E M S And Fire Department Garages</i>								
<i>Explanation : 2 Packaged Rooftop Units With Gas Heat And 5 Gas Fired Space Heaters</i>								
Hot Water Boiler	50%			2037	**	1	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : E M S And Fire Department Boiler Rooms</i>								
<i>Explanation : 4 Gas Fired Hot Water Boilers</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$500	
Terminal Devices								
Convactor/Radiator	100%			2037	**	1	\$3,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2029	**	2	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 Package Rooftop Units</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$13,700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,900	
Exhaust Fans								
Roof	100%			2029	**	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	**	1		
Water Heater								
Gas Fired	100%			2022	\$2,700	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : 1 - 250 Gallon Unit</i>								
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%							
Vertical Transport								

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

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

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

FIRE DEPARTMENT - 057
EMS 22 AND MAINTENANCE GARAGE WILLOWBROOK STATION
Asset # : 14007

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
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE		* *		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : 1st To 2nd Floor</i>									
<i>Explanation : Lift</i>									
Fire Suppression									
Sprinkler									
	No Component	75%							
	Generic	25%			2044		* *	1-2	\$700

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : EMS BUILDING BATTALION 4
Address : PIERS 35 AND 36, EAST RIVER 271 MARGINAL STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DGSP005.000 / 2405 **Yr Built/Renovated** : 1963 / 2000
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$499,600	\$137,600
Interior Architecture		\$31,800
Electrical		\$77,300
Total	\$499,600	\$246,700
Importance Code A	\$499,600	\$137,600
Importance Code B		\$109,100
Total	\$499,600	\$246,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$32,600			\$1,200
Interior Architecture		\$900	\$2,600	
Electrical	\$1,400	\$3,000	\$13,600	\$1,200
Mechanical	\$5,600	\$6,200	\$50,300	\$6,100
Total	\$39,600	\$10,200	\$66,400	\$8,500
Importance Code A	\$33,800	\$1,200	\$1,200	\$2,400
Importance Code B	\$5,800	\$9,000	\$65,200	\$6,200
Importance Code C				
Total	\$39,600	\$10,200	\$66,400	\$8,500



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

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

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

FIRE DEPARTMENT - 057
EMS BUILDING BATTALION 4
Asset # : 2405

Architecture	Current Repair		Future Replacement		Maintenance		Priority	
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	\$14,000	LIFE	**	5	\$6,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Around Ledge Below Parapets</i>								
Masonry: Brick Cavity	70%			LIFE	**	5	\$17,400	
Metal Panel	5%	Now	\$1,800	2035	**	5	\$2,300	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Stairway</i>								
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Stairway</i>								
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	\$499,600	2050	**	5	\$59,900	
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Pre-Cast Concrete	100%			LIFE	**	5	\$17,700	
Roof								
Built-Up (BUR)	92%			2033	**	10	\$16,200	
Modified Bitumen	5%	Now	\$5,100	2035	**			
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over East Stairway</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over East Stairway</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over East Stairway</i>								
Skylight, Metal/Glass	3%	Now	\$7,800	2025	\$77,800			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Stair</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair</i>								
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	**	5	\$26,600	
Ceramic Tile	5%			2034	**	5	\$900	
Vinyl Tile	20%			2025	\$31,800	3	\$1,400	
Vinyl Tile	10%			2035	**	3	\$700	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								

Note : 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 BUILDING BATTALION 4
Asset # : 2405

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Stairway</i>								
<hr/>								
Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	\$2,400	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 3000 Amperes</i>								
Fused Disc Sw	50%			2045	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 3000 Amperes</i>								
Transformers								
Dry Type	100%			2038	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 2- 1000 Kva, 480/277/208 V</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	**	5	\$100	
Raceway								
Conduit	80%			2025	\$25,000	1		
Conduit	20%			2045	**	1		
Panelboards								
Molded Case Bkrs	80%			2024	\$30,800	5	\$300	
Molded Case Bkrs	20%			2041	**	5	\$100	
Wiring								
Thermoplastic	80%			2025	\$22,200	1		
Thermoplastic	20%			2045	**	1		
Motor Controlllers								
Locally Mounted	70%			2023	\$10,100	5	\$100	
Locally Mounted	30%			2038	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	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
EMS BUILDING BATTALION 4
Asset # : 2405

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	\$3,800	
Generators								
Diesel	100%			2034	* *	1	\$4,800	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside The Building</i>						
		<i>Explanation : Emergency Generator Rated @ 80 Kva</i>						
Batteries								
Lead/Acid	100%			2019	\$1,500	5	\$500	
Fuel Storage								
Main Tank	100%			2053	* *	5	\$400	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : 75 Gallon Capacity</i>						
Lighting								
Interior Lighting								
Fluorescent	95%			2030	* *	10	\$10,900	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
HID	5%			2025	\$600	10		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	\$1,500	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	\$46,500	10		
Alarm								
Security System								
No Component	90%							
Generic	10%			2030	* *	1	\$500	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Front And Back Only</i>						
		<i>Explanation : C C T V Surveillance Cameras</i>						
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *	1-3	\$2,300	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallways</i>						
		<i>Explanation : Alarm Bells, Manual Pull Stations And Strobe Lights</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2035	* *	1		

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

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

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

FIRE DEPARTMENT - 057
EMS BUILDING BATTALION 4
Asset # : 2405

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Conversion Equipment							
Furnace	10%			2025	\$1,500	1	\$600
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
		<i>Location : Roof</i>					
		<i>Explanation : 1 Package Unit</i>					
Steam Boiler	90%			2042	**	1	\$11,200
		<i>Other Observation, Extent : Light, Area Affected : 90%</i>					
		<i>Location : 1st Floor Boiler Room</i>					
		<i>Explanation : 1 Unit</i>					
Distribution							
Steam Piping/Pump	90%			2035	**	4	\$800
No Component	10%						
Terminal Devices							
Convactor/Radiator	50%			2023	\$19,900	1	\$2,000
Unit Heater-Stm/HW	30%			2033	**	4	\$300
Unit Heater-Stm/HW	10%			2020	\$1,000	4	\$100
No Component	10%						
Air Conditioning							
Energy Source							
Electricity	100%			2033	**	1	
Conversion Equipment							
Ext Pkg Unit - Heating/Cooling	20%			2025	\$16,500	2	\$200
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>					
		<i>Location : Roof</i>					
Window/Wall Unit	40%			2020	\$10,300	1	
No Component	40%						
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
		<i>Location : 2nd Floor Electrical Room</i>					
		<i>Explanation : There Is No Ventilation For Electrical Room</i>					
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,000
Exhaust Fans							
Roof	100%			2025	\$9,900	2	\$400
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2035	**	1	
Water Heater							
Gas Fired	100%			2023	\$2,900	2	\$200
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Fixtures							
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.

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FIRE DEPARTMENT - 057
EMS BUILDING BATTALION 4
Asset # : 2405

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Fire Suppression	Standpipe							
	Generic	100%			2035	* *	1-5	\$6,300
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Outside Wall</i>					
			<i>Explanation : Combination Connection</i>					
Sprinkler	Generic	100%			2035	* *	1-2	\$3,500
Chemical System	Generic	100%			2020	\$26,100	1-3	\$50,600

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$370,300	
Interior Architecture	\$58,000	\$35,400
Electrical		\$129,200
Mechanical	\$149,500	
Total	\$577,800	\$164,700
Importance Code A	\$370,300	
Importance Code B	\$149,500	\$164,700
Importance Code C	\$58,000	
Total	\$577,800	\$164,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture		\$1,900		
Interior Architecture	\$63,800			\$200
Electrical	\$6,600	\$46,700	\$700	\$900
Mechanical	\$3,400	\$16,600	\$700	\$700
Total	\$73,800	\$65,200	\$1,400	\$1,900
Importance Code A		\$1,900		
Importance Code B	\$73,300	\$63,300	\$1,400	\$1,900
Importance Code C	\$500			
Total	\$73,800	\$65,200	\$1,400	\$1,900



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

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

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

FIRE DEPARTMENT - 057
EMS STATION 20 MORRIS PARK STATION
Asset # : 13990

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$249,100	LIFE	**	5	\$20,700	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Main Entrance</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	5%			2029	**	5	\$3,800	
Stucco Cement	10%	0-2	\$70,300	2044	**	5	\$3,000	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%	Now	\$50,800	2049	**	5	\$600	
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : All Windows Are At The End Of Their Useful Life</i>								
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	90%	0-2	\$33,600	LIFE	**	5	\$35,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	10%	Now	\$6,100	2029	**	3	\$700	
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Corridor</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$900	
Gypsum Board	55%			LIFE	**	5	\$6,200	
SGFT/Glazed Masonry	40%	0-2	\$58,000	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Ceilings								
Plaster	100%	Now	\$23,600	LIFE	**	5	\$11,300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Where Ceiling Meets Wall In Corridor</i>								

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

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FIRE DEPARTMENT - 057
EMS STATION 20 MORRIS PARK STATION
Asset # : 13990

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								
Raceway								
Conduit	100%			2024	\$31,300	1		
Panelboards								
Fused Disc Sw	20%			2023	\$7,700	5	\$100	
Molded Case Bkrs	80%			2023	\$30,800	5	\$300	
Wiring								
Braided Cloth	20%	2-4	\$5,500	2049	**	1		
		<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Thermoplastic	80%			2024	\$22,200	1		
Motor Controllers								
Locally Mounted	100%			2022	\$14,400	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2019	\$33,900	10	\$11,500	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Egress Lighting								
Exit, Service	50%			2019	\$700	1		
No Component	50%							
Alarm								
Fire/Smoke Detection								
Generic	100%			2024	\$129,200	1-3	\$7,900	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Strobe Lights, Manual Pull Station And Horns</i>						

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								
Campus Steam	80%			2034	**	1		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hospital Campus</i>						
		<i>Explanation : Steam Is Provided From Adjacent Building No. 7 - Storehouse</i>						
No Component	20%							
Distribution								
Steam Piping/Pump	80%			2034	**	4	\$700	
No Component	20%							
Terminal Devices								
Fan Coil Unit/Heat	80%	0-2	\$149,500	2034	**	1	\$2,900	
		<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
No Component	20%							
Air Conditioning								

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*** 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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
Energy Source									
	Electricity	50%			2040	* *	1		
	No Component	50%							
Conversion Equipment									
	Window/Wall Unit	50%			2019	\$12,800	1		
	No Component	50%							
Ventilation									
Exhaust Fans									
	Not Accessible	100%							
Plumbing									
H/C Water Piping									
	Brass/Copper	100%	Now	\$1,900	2034	* *	1		
	<i>Leak Evident, Extent : Moderate, Area Affected : 10%</i>								
	<i>Location : Bathroom</i>								
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%	Now	\$900	LIFE	* *	1		
	<i>Blockage /Clogged, Extent : Moderate, Area Affected : 5%</i>								
	<i>Location : Gutters</i>								
Fixtures									
	Generic	100%							
	<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>								
	<i>Location : Throughout</i>								
Fire Suppression									
Chemical System									
	No Component	90%							
	Generic	10%			2019	\$2,600	1-3	\$5,100	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
	<i>Location : Throughout</i>								
	<i>Explanation : Fire Extinguishers</i>								

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Estimates are rounded to the nearest hundred dollars.

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$3,000		\$15,500	\$8,000
Interior Architecture	\$5,300			\$800
Electrical	\$1,500	\$4,000	\$1,500	\$1,500
Mechanical	\$5,700	\$1,000	\$2,500	\$1,000
Total	\$15,600	\$5,000	\$19,600	\$11,400
Importance Code A	\$3,700	\$600	\$16,200	\$8,600
Importance Code B	\$11,900	\$4,500	\$3,400	\$2,800
Importance Code C				
Total	\$15,600	\$5,000	\$19,600	\$11,400



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

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

FIRE DEPARTMENT - 057
EMS STATION 27
Asset # : 13993

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	**	5	\$17,000	
Metal Panel	10%			2050	**	5-10	\$16,700	
Metal Sect. OHD	20%	4+	\$3,000	2037	**	5	\$7,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Apparatus Floor</i>								
<i>Explanation : Reported That Door Opens And Closes Too Fast. Door Itself Is Not Sturdy</i>								
<hr/>								
Windows								
Aluminum	100%			2046	**	5	\$1,200	
<hr/>								
Parapets								
Metal Panel	100%			2050	**	5	\$6,700	
<hr/>								
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%			2032	**	10	\$2,000	
<hr/>								
Interior								
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%	0-2	\$5,300	2029	**	3	\$2,400	
<i>Loose Units, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Women Locker Room And Lounge</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Women Locker Room And Lounge</i>								
<hr/>								
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%			LIFE	**			
Plaster	10%			LIFE	**	5	\$600	
<hr/>								
Ceilings								
Metal Panel	20%			LIFE	**	5	\$4,500	
Plaster	20%			LIFE	**	5	\$2,300	
Plaster	60%			LIFE	**	5	\$6,800	
<hr/>								
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2041	**			

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

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.

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

FIRE DEPARTMENT - 057
EMS STATION 27
Asset # : 13993

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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%			2054	**	5	\$100	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 400 Amps Main Disconnect Switch</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2054	**	5	\$300	
Raceway								
Conduit	100%			2054	**	1		
Panelboards								
Fused Disc Sw	10%			2049	**	5		
Molded Case Bkrs	90%			2049	**	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	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room - Basement</i>						
		<i>Explanation : One 83 Kw</i>						
Batteries								
Lead/Acid	100%			2019	\$1,500	5	\$400	
Fuel Storage								
Main Tank	100%			2064	**	5	\$400	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : One 2366 Gallons</i>						
Lighting								
Interior Lighting								
Fluorescent	100%			2034	**	10	\$11,000	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Egress Lighting								
Emergency, Service	50%			2034	**	1		
Exit, Service	50%			2034	**	1		
Exterior Lighting								
HID	100%			2034	**	10		
Alarm								
Fire/Smoke Detection								
Generic	100%			2034	**	1-3	\$7,400	

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

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

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

FIRE DEPARTMENT - 057
EMS STATION 27
Asset # : 13993

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
Electricity	10%			2050	**	1	
Natural Gas	90%			2050	**	1	
Conversion Equipment							
Furnace	50%			2032	**	1	\$3,000
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
		<i>Location : Roof</i>					
		<i>Explanation : 3 Roof Top Package Units</i>					
Hot Water Boiler	40%			2041	**	1	\$2,400
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>					
		<i>Location : Basement Boiler Room</i>					
		<i>Explanation : 1 Unit</i>					
Radiant Heater	10%			2032	**	2	\$600
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
		<i>Location : Staircases</i>					
		<i>Explanation : 6 Sections Of Electric Baseboard</i>					
Distribution							
Hot Wtr Piping/Pump	40%			2046	**	4	\$400
No Component	60%						
Terminal Devices							
Convactor/Radiator	15%			2041	**	1	\$600
Unit Heater-Stm/HW	25%			2032	**	4	\$300
No Component	60%						
Air Conditioning							
Energy Source							
Electricity	100%			2046	**	1	
Conversion Equipment							
Reciprocating Compr/Chiller	15%			2032	**	1	\$800
		<i>R-134a Refrigerant, Extent : Light, Area Affected : 15%</i>					
		<i>Location : 2 Units In Basement</i>					
Ext Pkg Unit - Heating/Cooling	50%			2032	**	2	\$400
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
		<i>Location : Roof</i>					
		<i>Explanation : 3 Roof Top Package Units</i>					
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							

Note : 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 27
Asset # : 13993

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Distribution								
Ductwork/Diffusers	75%	Now	\$3,900	LIFE	**	2-5	\$5,000	
<i>Unbalanced System, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout The Building - Needs To Be Adjusted</i>								
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	\$2,800	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	

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

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

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

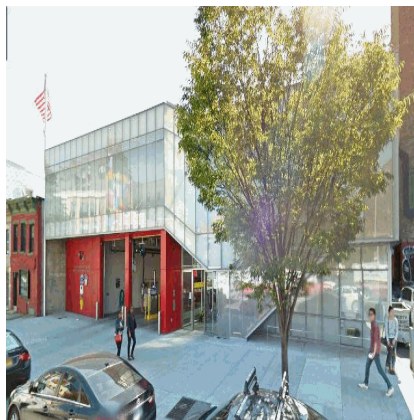
Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : EMS STATION 35
Address : 332 METROPOLITAN AVE @ ROEBLING ST.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSEMS.035 / 14770 **Yr Built/Renovated** : 2013 /
Area Sq Ft : 10,601 **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 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$58,000
Total		\$58,000
Importance Code A		\$58,000
Total		\$58,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$5,400			
Interior Architecture	\$3,400	\$4,500		
Electrical	\$1,100	\$900	\$900	\$1,300
Mechanical	\$1,600	\$1,500	\$3,300	\$1,200
Total	\$11,500	\$6,800	\$4,200	\$2,500
Importance Code A	\$5,900	\$500	\$500	\$500
Importance Code B	\$5,600	\$5,900	\$3,700	\$2,000
Importance Code C		\$400		
Total	\$11,500	\$6,800	\$4,200	\$2,500



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FIRE DEPARTMENT - 057
EMS STATION 35
Asset # : 14770

Architecture	Current Repair		Future Replacement		Maintenance		Priority	
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	12%			LIFE	**	5	\$1,800	
Metal/Glass Curt Wall	32%			LIFE	**	5	\$14,500	
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Central Stair And Breezeway - Main Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Perimeter Gaskets - Main Facade</i>								
Metal Panel	48%			2052	**	5-10	\$79,800	
Metal Sect. OHD	8%			2043	**	5	\$6,000	
Windows								
Aluminum	15%			2048	**	5	\$200	
No Component	85%							
Parapets								
Concrete Masonry Unit	45%			LIFE	**	5	\$1,300	
Metal/Glass Curt Wall	15%			2052	**	5	\$1,500	
Metal Panel	25%	Now	\$1,000	2052	**	5	\$1,300	
<i>Miss/Damaged Copings, Extent : Severe, Area Affected : 8%</i>								
<i>Location : Street Facade</i>								
<i>Other Observation, Extent : Severe, Area Affected : 8%</i>								
<i>Location : Street Facade At Pedestrian Entrance</i>								
<i>Explanation : Water Cascading From Coping Above And Then Freezing Causes Icicles To Drop Onto Sidewalk</i>								
Metal: Cage/Fence	15%			2043	**	5-10	\$3,100	
Roof								
IRMA/Protected Membrane	60%			2034	**	10	\$9,600	
Plaza Roof: Stone Panels	15%			2052	**			
Skylight, Metal/Glass	13%			2052	**	10	\$7,000	
Sloped Glazing	12%			LIFE	**	5	\$25,700	
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	**	5	\$22,600	
Ceramic Tile	3%			2039	**	5	\$500	
Sheet Vinyl/Rubber	32%			2034	**	5	\$7,600	
Interior Walls								
Cast in Place Concrete	15%			LIFE	**			
Ceramic Tile	2%			2039	**	5	\$900	
Concrete Masonry Unit	40%			LIFE	**	5	\$7,000	
Concrete Masonry Unit	15%			LIFE	**	5	\$2,600	
Glass: Single Pane	10%			LIFE	**	5	\$3,300	
Gypsum Board	15%			LIFE	**	5	\$3,900	
Metal Panel	3%			LIFE	**			

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FIRE DEPARTMENT - 057
EMS STATION 35
Asset # : 14770

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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	\$3,100	
AcousTileSusp.Lay-In	25%			2043	**	5	\$3,800	
Exposed Concrete	20%			LIFE	**	5	\$500	
Gypsum Board	10%			LIFE	**	5	\$1,900	
Metal Panel	25%			LIFE	**	5	\$4,800	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
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%			2056	**	5		
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 600 Amps Main Disconnect Switch

Switchgear / Switchboard

Fused Disc Sw	100%			2056	**	5		
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Raceway

Conduit	100%			2056	**	1		
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Panelboards

Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5	\$300	

Wiring

Thermoplastic	100%			2056	**	1		
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Motor Controllers

Locally Mounted	100%			2046	**	5	\$100	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : 1st Floor Hallway

Explanation : Motor Controllers Connected To Energy Management Control Corp. Under BMS

Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$200	
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Lighting

Interior Lighting

Fluorescent	90%			2036	**	10	\$8,800	
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T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Fluorescent	10%			2036	**	10	\$1,000	
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Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Egress Lighting

Emergency, Battery	50%			2036	**	10	\$1,300	
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Exit, Service	50%			2036	**	1		
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FIRE DEPARTMENT - 057
EMS STATION 35
Asset # : 14770

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Exterior Lighting								
Fluorescent	40%			2036	**	10	\$400	
HID	60%			2036	**	10		
Alarm								
Security System								
No Component	30%							
Generic	70%			2036	**	1	\$2,800	
Fire/Smoke Detection								
Generic, Digital	100%			2036	**	1-3	\$6,700	
Mechanical								
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%			2056	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	**	1	\$5,200	
			<i>Recent Installation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1 Unit In The Basement</i>					
Distribution								
Hot Wtr Piping/Pump	100%			2051	**	4	\$800	
Terminal Devices								
Air Handler	60%			2036	**	1	\$3,900	
Fan Coil Unit/Heat	20%			2036	**	1	\$700	
Unit Heater-Stm/HW	20%			2036	**	4	\$200	
Air Conditioning								
Energy Source								
Electricity	100%			2051	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	75%			2036	**	2	\$500	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : On The Roof</i>					
			<i>Explanation : Two Units</i>					
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,900	
Exhaust Fans								
Interior	10%			2036	**	2		
Roof	90%			2036	**	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	**	1		

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FIRE DEPARTMENT - 057
EMS STATION 35
Asset # : 14770

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Water Heater								
Gas Fired	100%			2026	\$2,500	2	\$200	
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	\$700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	10%							
Generic	90%			2056	* *	1-2	\$2,700	

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

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Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$62,300	
Interior Architecture	\$209,200	
Electrical	\$103,400	\$36,600
Total	\$374,900	\$36,600
Importance Code A	\$62,300	
Importance Code B	\$220,600	\$36,600
Importance Code C	\$92,000	
Total	\$374,900	\$36,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$20,600			
Interior Architecture	\$58,700			\$500
Electrical	\$3,400	\$13,100	\$700	\$700
Mechanical	\$1,500	\$14,600	\$500	\$500
Total	\$84,300	\$27,700	\$1,200	\$1,700
Importance Code A	\$21,000	\$400	\$400	\$400
Importance Code B	\$26,600	\$27,300	\$800	\$1,300
Importance Code C	\$36,800			
Total	\$84,300	\$27,700	\$1,200	\$1,700



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

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

FIRE DEPARTMENT - 057
EMS STATION 39 PENNSYLVANIA STATION
Asset # : 13997

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$6,800	LIFE	**	5	\$6,100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	85%	0-2	\$62,300	LIFE	**	5	\$20,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	10%	0-2	\$13,800	2037	**	5	\$3,800	
<i>Deformed/Dented, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Glass Block	100%			LIFE	**	5	\$800	
Parapets								
Metal: Cage/Fence	100%			2037	**	5-10	\$13,400	
Roof								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Need A Long Ladder</i>								
Interior								
Floors								
Cast in Place Concrete	80%	0-2	\$74,800	LIFE	**	5	\$31,500	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	20%	0-2	\$18,300	2029	**	3	\$1,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								

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

FIRE DEPARTMENT - 057
EMS STATION 39 PENNSYLVANIA STATION
Asset # : 13997

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%	Now	\$15,500	2033	**	5	\$500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Toilet Rooms</i>								
Concrete Masonry Unit	10%	0-2	\$8,300	LIFE	**	5	\$800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Gypsum Board	5%	Now	\$2,300	LIFE	**	5	\$600	
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	63%	0-2	\$92,000	LIFE	**			
<i>Diagonal Cracks, Extent : Light, Area Affected : 60%</i>								
<i>Location : Truck Bay Walls</i>								
Granite Panels	10%	2-4	\$7,500	LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement</i>								
Plaster	5%	Now	\$2,300	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Wood	2%	4+	\$800	LIFE	**	5	\$1,500	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileConcealSpLn	5%	0-2	\$2,200	2037	**	5	\$600	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
AcousTileConcealSpLn	5%	0-2	\$1,500	2037	**	5	\$600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout.</i>								
Plaster	90%	0-2	\$42,500	LIFE	**	5	\$10,100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout.</i>								
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2037	**			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Area In Front Garage</i>								
<i>Explanation : Driveway Dimensions - 24ft. X 21ft.</i>								

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

Under 600 Volts

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FIRE DEPARTMENT - 057
EMS STATION 39 PENNSYLVANIA STATION
Asset # : 13997

Electrical		Current Repair		Future Replacement		Maintenance		Priority
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%			2024	\$4,800	5		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Two 200 Amps Main Disconnect Switch</i>						
Raceway								
Conduit	100%			2024	\$31,300	1		
Panelboards								
Fused Disc Sw	5%			2023	\$1,900	5		
Molded Case Bkrs	95%			2023	\$36,600	5	\$300	
Wiring								
Thermoplastic	100%			2024	\$27,700	1		
Motor Controllers								
Locally Mounted	100%			2022	\$14,400	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2022	\$4,800	1	\$3,100	
Generators								
Diesel	100%			2020	\$65,700	1	\$3,900	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room, Garage</i>						
		<i>Explanation : One 81 Kva</i>						
Batteries								
Lead/Acid	100%			2018	\$1,500	5	\$400	
Fuel Storage								
Day Tank	100%			2023	\$700	5	\$1,900	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room, Garage</i>						
		<i>Explanation : One 60 Gallons</i>						
Lighting								
Interior Lighting								
Fluorescent	70%			2024	\$19,000	10	\$6,400	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-8 Fixtures In Use</i>						
Fluorescent	30%			2019	\$8,100	10	\$2,800	
		<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Office And Female Locker Room</i>						
Egress Lighting								
Emergency, Service	30%			2019	\$1,500	1		
Emergency, Service	40%			2024	\$2,000	1		
Exit, Service	30%			2024	\$300	1		
Exterior Lighting								
HID	100%			2019	\$37,700	10		

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Estimates are rounded to the nearest hundred dollars.

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

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FIRE DEPARTMENT - 057
EMS STATION 39 PENNSYLVANIA STATION
Asset # : 13997

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
Natural Gas	100%			2044	**	1	
Conversion Equipment							
Furnace	75%			2024	\$9,100	1	\$3,700
		<i>Other Observation, Extent : Light, Area Affected : 75%</i>					
		<i>Location : 1st Floor</i>					
		<i>Explanation : 4 Units</i>					
Not Accessible	25%						
Distribution							
Hot Wtr Piping/Pump	25%			2032	**	4	\$100
No Component	75%						
Terminal Devices							
Convactor/Radiator	25%			2029	**	1	\$800
No Component	75%						
Air Conditioning							
Energy Source							
Electricity	100%			2032	**	1	
Conversion Equipment							
Window/Wall Unit	30%			2019	\$6,200	1	
No Component	70%						
Ventilation							
Exhaust Fans							
Roof	100%			2019	\$7,900	2	\$300
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Garage Ceiling</i>					
		<i>Explanation : 2 Units</i>					
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2044	**	1	
Water Heater							
Not Accessible	100%						
Sanitary Piping							
Cast Iron	100%	Now	\$1,100	LIFE	**	1	
		<i>Blockage /Clogged, Extent : Severe, Area Affected : 50%</i>					
		<i>Location : Garage Sewage Drain Line</i>					
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Sump Pump(s)							
Not Accessible	100%						
Backflow Preventer							
Not Accessible	100%						
Fixtures							
Generic	100%						
		<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>					
		<i>Location : 1st Floor</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

Asset Name : EMS STATION 4 LOWER EAST SIDE OP
Address : PIER 36 EAST RIVER
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSEMS.004 / 13982 **Yr Built/Renovated** : 1984 / 1999
Area Sq Ft : 20,040 **Project Type** : FIRE DEPARTMENT
Date of Survey : 04-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 241 **Lot** : 13 **BIN** : 1811158

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$104,300	
Interior Architecture	\$79,400	
Total	\$183,700	
Importance Code A	\$104,300	
Importance Code B	\$43,600	
Importance Code C	\$35,800	
Total	\$183,700	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$38,800			
Interior Architecture	\$33,900			\$1,200
Electrical	\$27,300	\$3,600	\$1,400	\$3,400
Mechanical	\$36,200	\$31,200	\$10,200	\$3,000
Elevators/Escalators	\$29,200			
Total	\$165,200	\$34,800	\$11,500	\$7,600
Importance Code A	\$39,800	\$900	\$1,100	\$900
Importance Code B	\$95,700	\$33,800	\$10,500	\$6,700
Importance Code C	\$29,700			
Total	\$165,200	\$34,800	\$11,500	\$7,600



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

FIRE DEPARTMENT - 057
EMS STATION 4 LOWER EAST SIDE OP
Asset # : 13982

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$1,400	LIFE	**	5	\$6,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Side At Roof Level</i>								
Masonry: Brick	73%	0-2	\$53,500	LIFE	**	5	\$17,800	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : North Facade</i>								
Metal Panel	2%	Now	\$300	2044	**	5	\$900	
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : North Side</i>								
<i>Explanation : Damaged Metal Panels</i>								
Metal Coiling Doors	4%			2037	**	5	\$3,000	
Metal Coiling Doors	1%	Now	\$13,800	2044	**	5	\$400	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	15%			LIFE	**	5	\$11,900	
Windows								
Aluminum	100%	2-4	\$50,800	2049	**	5	\$600	
<i>Glazing Clouded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast in Place Concrete	98%	0-2	\$10,700	LIFE	**	5	\$17,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	2%	0-2	\$300	2044	**	5	\$100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Built-Up (BUR)	95%	0-2	\$10,600	2029	**			
<i>Miss/Damaged Flashings, Extent : Severe, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Drain</i>								
<i>Water Penetration, Extent : Light, Area Affected : 2%</i>								
<i>Location : 3rd Floor Work Area</i>								
Roll Roofing	5%	0-2	\$1,700	2026	\$1,700	5	\$300	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
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.

FIRE DEPARTMENT - 057
EMS STATION 4 LOWER EAST SIDE OP
Asset # : 13982

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	45%	0-2	\$16,800	LIFE	**	5	\$17,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Mezzanine Level</i>								
Ceramic Tile	2%	0-2	\$300	2033	**	5	\$200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	53%	Now	\$16,200	2029	**	3	\$3,600	
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : First Floor Throughout</i>								
Interior Walls								
Ceramic Tile	2%	0-2	\$500	2033	**	5	\$200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Concrete Masonry Unit	86%	Now	\$35,800	LIFE	**	5	\$6,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : First Floor Truck Port</i>								
Gypsum Board	5%			LIFE	**	5	\$600	
Masonry: Brick	2%			LIFE	**			
Plaster	5%			LIFE	**	5	\$300	
Ceilings								
AcousTileSusp.Lay-In	60%	Now	\$43,600	2029	**	5	\$5,400	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Third Floor Office</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Third Floor Office</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Third Floor Work Area</i>								
<i>Explanation : Damaged Ceiling Tiles</i>								
Exposed Concrete	35%			LIFE	**	5	\$1,000	
Exposed Struc: Steel	5%			LIFE	**			
Site Enclosure								
Fence/Gates								
Chain link	100%	Now	\$29,200	2034	**			
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Northeast Corner</i>								
<i>Explanation : Structural Member Is Leaning At An Extreme Angle</i>								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	**			
On-Site Walkways								
Cast in Place Concrete	100%			2037	**			

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FIRE DEPARTMENT - 057
EMS STATION 4 LOWER EAST SIDE OP
Asset # : 13982

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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 \$56,800 2027 \$283,800

*Cracking/Crumbling, Extent : Moderate, Area Affected : 10%**Location : Throughout*

Cast in Place Concrete

10% 2037 **

Electrical		Current Repair		Future Replacement		Maintenance		Priority
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% 2054 ** 5 \$100

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : 1st Floor Service Room**Explanation : 1-1600 Amp Main Service Switch. 1-30 Amp Fire Alarm Fuse Cutout*

Transformers

Dry Type

100% 2044 ** 5 \$100

Switchgear / Switchboard

Fused Disc Sw

100% 2044 ** 5 \$100

*Other Observation, Extent : Light, Area Affected : 100%**Location : 1st Floor Service Room**Explanation : 1 Qmb Distribution Board*

Raceway

Conduit

70% 2044 ** 1

Conduit

30% 4+ \$5,600 2050 ** 1

*Corroded, Extent : Moderate, Area Affected : 20%**Location : Throughout The Building*

Panelboards

Molded Case Bkrs

50% 4+ \$19,200 2049 ** 5 \$100

*Aged Component, Extent : Moderate, Area Affected : 50%**Location : Basement Electrical Room, First And Third Floors*

Molded Case Bkrs

50% 2046 ** 5 \$300

Wiring

Braided Cloth

70% 2023 \$19,400 1

Thermoplastic

30% 2034 ** 1

Motor Controllers

Locally Mounted

100% 2022 \$14,400 5 \$100

Ground

Grounding Devices

Generic

100% LIFE ** 5 \$300

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : 1st Floor Mechanical Room**Explanation : 2 Grounds In Mechanical Room - 1 For Main Service And 1 For Fire Alarm Fuse Cutout*

Stand-by Power

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FIRE DEPARTMENT - 057
EMS STATION 4 LOWER EAST SIDE OP
Asset # : 13982

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Transfer Switches Automatic	100%			2041	**	1	\$6,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor Service Room</i>								
<i>Explanation : Asco Type Switch, 200 A</i>								
<hr/>								
Generators Diesel	100%			2037	**	1	\$7,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Rear Parking Lot - Fenced In</i>								
<i>Explanation : 1 - 80 Kva Cummins Onan Type</i>								
<hr/>								
Batteries Lead/Acid	100%			2019	\$1,500	5	\$700	
<hr/>								
Fuel Storage Day Tank	100%			2046	**	5	\$3,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Rear Parking Lot</i>								
<i>Explanation : 60 Gallon Tank</i>								
<hr/>								
Lighting								
Interior Lighting Fluorescent	75%			2032	**	10	\$13,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Fixtures In Use</i>								
<hr/>								
HID	5%	2-4	\$1,000	2034	**			
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Exterior And Interior First Floor</i>								
<hr/>								
HID	15%			2029	**	10	\$100	
Incandescent	5%			2029	**	2		
<hr/>								
Egress Lighting								
Emergency, Battery	50%			2032	**	10	\$2,400	
Exit, Battery	50%			2032	**	10	\$700	
<hr/>								
Exterior Lighting								
HID	100%			2029	**	10	\$100	

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

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

FIRE DEPARTMENT - 057
EMS STATION 4 LOWER EAST SIDE OP
Asset # : 13982

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment Hot Water Boiler	90%			2044	**	1	\$8,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : One Unit</i>								
Radiant Heater	10%			2024	\$8,800	2	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 3rd Floor Men And Womens Locker Rooms</i>								
<i>Explanation : Trane Electric Cabinet Unit Heater</i>								
Distribution Hot Wtr Piping/Pump	100%			2040	**	4	\$1,000	
Terminal Devices Convactor/Radiator	80%			2037	**	1	\$5,200	
Unit Heater-Stm/HW	20%			2024	\$25,800	4	\$400	
Air Conditioning								
Energy Source Electricity	100%			2040	**	1		
Conversion Equipment Exterior Pkg Unit - Cooling	30%	Now	\$27,700	2034	**	2	\$300	
<i>Unit Inoperable, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Window/Wall Unit	60%	Now	\$4,900	2019	\$24,700	1		
<i>Broken, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Office Area</i>								
No Component	10%							
Distribution Ductwork/Diffusers	30%			LIFE	**	2	\$7,800	
No Component	70%							
Ventilation								
Distribution Ductwork/Diffusers	60%			LIFE	**	2-5	\$6,700	
No Component	40%							
Exhaust Fans Roof	100%			2029	**	2	\$600	
Plumbing								
H/C Water Piping Brass/Copper	100%			2044	**	1		
Water Heater Gas Fired	100%			2024	\$4,700	2	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 - 74 Gallon Unit</i>								
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Storm Drain Piping Cast Iron	100%			LIFE	**	1		

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

Maintenance \$ are aggregated over a 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 4 LOWER EAST SIDE OP
Asset # : 13982

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
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	\$10,100	
Sprinkler								
Generic	100%			2044	* *	1-2	\$5,600	
Chemical System								
Dry	10%			2022	\$2,600	1-3	\$5,100	
		<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Kitchen</i>						
		<i>Explanation : Pcl-160</i>						
No Component								
Generic	80%			2019	\$2,600	1-3	\$5,100	
	10%							
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Fire Extinguishers</i>						

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 2018 - 2021	FY 2022 - 2027
Electrical		\$41,500
Total		\$41,500
Importance Code B		\$41,500
Total		\$41,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$2,200			
Interior Architecture	\$400	\$1,900		\$400
Electrical	\$400	\$300	\$300	\$400
Mechanical	\$500	\$11,700	\$900	\$500
Total	\$3,500	\$13,900	\$1,200	\$1,200
Importance Code A	\$2,500	\$300	\$300	\$300
Importance Code B	\$900	\$13,700	\$900	\$900
Importance Code C	\$100			
Total	\$3,500	\$13,900	\$1,200	\$1,200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a 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		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	**	5	\$5,200	
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Side</i>								
<i>Explanation : The North Section Of Building Is Attached To The Old Nurses Building Of Elmhurst Hospital.</i>								
Metal Sect. OHD	25%			2037	**	5	\$5,400	
Windows								
Aluminum	40%			2040	**	5		
Steel	60%	Now	\$2,200	2049	**	5	\$300	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Second Floor</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Second Floor</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Second Floor</i>								
Parapets								
Not Accessible	100%							
Roof								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Roof</i>								
<i>Explanation : There Is No Permanent Access To The Roof. A Ladder Was Not Available.</i>								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$6,900	
Ceramic Tile	2%			2027		5	\$100	
Vinyl Tile	48%			2024	\$25,600	3	\$1,500	
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$100	
Concrete Masonry Unit	15%			LIFE	**	5	\$200	
Gypsum Board	40%			LIFE	**	5	\$700	
Masonry: Brick	5%			LIFE	**			
Plaster	25%			LIFE	**	5	\$200	
SGFT/Glazed Masonry	10%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	60%			2029	**	5	\$3,800	
Exposed Struc: Steel	35%			LIFE	**			
Gypsum Board	5%			LIFE	**	5	\$400	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2037	**			
Parking/Driveway								
Asphalt	100%			2033	**			

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

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

FIRE DEPARTMENT - 057
EMS STATION 46 ELMHURST STATION
Asset # : 14002

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2032	* *	5	\$300	
Wiring								
Thermoplastic	100%			2034	* *	1		
Lighting								
Interior Lighting								
Fluorescent	20%			2024	\$6,000	10	\$2,000	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
Fluorescent	10%			2024	\$3,000	10	\$1,000	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
HID	70%			2024	\$7,700	10	\$300	
Egress Lighting								
Emergency, Battery	50%			2024	\$7,400	10	\$1,300	
Exit, Battery	50%			2024	\$2,000	10	\$400	
Exterior Lighting								
HID	100%			2024	\$41,500	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	\$10,000	1	\$1,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : C C T V Surveillance Cameras</i>								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	\$34,100	1-3	\$2,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways</i>								
<i>Explanation : Strobe Lights, Manual Pull Station And Horns</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	50%			2034	* *	1		
No Component	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Hot Water Provided From Hospital</i>								

Note : 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 46 ELMHURST STATION
Asset # : 14002

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Conversion Equipment							
Furnace	50%			2029	**	1	\$2,700
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
	<i>Location : Truck Bay Only</i>						
	<i>Explanation : 2 Modine Heaters</i>						
No Component	50%						
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location : Office Area</i>						
	<i>Explanation : Heating Supplied From Hospital Building</i>						
Distribution							
Hot Wtr Piping/Pump	50%			2032	**	4	\$300
No Component	50%						
Terminal Devices							
Convactor/Radiator	50%			2029	**	1	\$1,800
No Component	50%						
Air Conditioning							
Energy Source							
Electricity	100%			2032	**	1	
Conversion Equipment							
Window/Wall Unit	50%			2019	\$11,300	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							
Generic	100%						

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$118,800	
Interior Architecture	\$42,100	
Electrical	\$46,000	\$65,700
Mechanical		\$85,000
Total	\$207,000	\$150,800
Importance Code A	\$118,800	
Importance Code B	\$46,000	\$150,800
Importance Code C	\$42,100	
Total	\$207,000	\$150,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$21,500			\$15,500
Interior Architecture	\$23,300	\$2,700		
Electrical	\$15,400	\$1,500	\$1,100	\$12,500
Mechanical	\$66,600	\$1,700	\$2,600	\$7,100
Elevators/Escalators	\$2,900			
Total	\$129,800	\$5,900	\$3,700	\$35,000
Importance Code A	\$48,300	\$1,200	\$1,200	\$16,700
Importance Code B	\$71,800	\$4,000	\$2,500	\$18,300
Importance Code C	\$9,700	\$700		
Total	\$129,800	\$5,900	\$3,700	\$35,000



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

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FIRE DEPARTMENT - 057
EMS STATION 55
Asset # : 13231

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Alum/Vinyl Siding	2%	Now	\$1,900	2036	**			
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout.</i>								
Masonry: Brick	25%	Now	\$97,500	LIFE	**	5	\$7,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout.</i>								
Masonry: Brick	50%	Now	\$21,400	LIFE	**	5	\$14,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Ground Face Brick-surrounding Masonry Openings Throughout Building.</i>								
Masonry: Limestone	5%	Now	\$8,600	LIFE	**	5	\$1,100	
<i>Vertical Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Front Facade</i>								
Stucco Cement	13%	Now	\$5,300	2039	**	5	\$4,600	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Various Locations Throughout</i>								
Wood Overhead Doors	5%			2031	**	5	\$7,100	
Windows								
Aluminum	100%			2042	**	5	\$1,700	
<i>Unit Inoperable, Extent : Light, Area Affected : 2%</i>								
<i>Location : Rear Office Window</i>								
Parapets								
Masonry: Brick	90%	Now	\$3,200	LIFE	**	5	\$2,700	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 50%</i>								
<i>Location : Parapet Wall Adjacent To Roof Hatch.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
Masonry: Limestone	10%	0-2	\$600	LIFE	**	5	\$400	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Caulking Deteriorated, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
Roof								
Modified Bitumen	95%			2031	**	10	\$12,000	
<i>Blisters, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Upper Roof</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
Skylight, Metal/Glass	5%	0-2	\$1,900	2046	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Upper Roof</i>								
<i>Explanation : Failing Caulk Joints</i>								

Interior

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FIRE DEPARTMENT - 057
EMS STATION 55
Asset # : 13231

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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	50%	Now	\$4,700	LIFE	**	5	\$20,000	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Throughout Basement.</i>								
<i>Uneven Surface, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement And Apparatus Floor</i>								
Ceramic Tile	5%			2029	**	5	\$900	
Quarry Tile	5%			2039	**	5	\$1,400	
Vinyl Tile	40%			2031	**	3	\$2,700	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Landing By Rear Stairs And Locker Room.</i>								
Interior Walls								
Ceramic Tile	5%			2029	**	5	\$1,400	
Gypsum Board	35%			LIFE	**	5	\$5,700	
Masonry: Brick	40%	Now	\$42,100	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement And Various Locations Throughout.</i>								
Masonry: Fieldstone	5%	Now	\$5,700	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement.</i>								
<i>Explanation : Parged Over Granite Foundation Wall Showed Missing Mortar In Various Locations.</i>								
Plaster	10%	Now	\$1,100	LIFE	**	5	\$800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 75%</i>								
<i>Location : Various Locations Throughout 1st Floor.</i>								
Wood	5%			LIFE	**	5	\$5,400	
<i>Worn/Eroded, Extent : Light, Area Affected : 100%</i>								
<i>Location : Womens Locker Room</i>								
Ceilings								
AcousTileSusp.Lay-In	30%	2-4	\$2,200	2039	**	5	\$2,700	
<i>Staining/Discoloring, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Locations Throughout</i>								
Embossed Metal	30%	Now	\$9,600	LIFE	**	5	\$2,500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Over Main Truck Bays.</i>								
Exposed Struc: Steel	30%			LIFE	**			
Gypsum Board	10%			LIFE	**	5	\$2,300	
Site Enclosure								
Fence/Gates								
Chain link	100%	2-4	\$2,900	2036	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Rear Parking Lot</i>								
Site Pavements								

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Estimates are rounded to the nearest hundred dollars.

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FIRE DEPARTMENT - 057
EMS STATION 55
Asset # : 13231

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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	\$9,900	2035		**		
<i>Ponding, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Rear Parking Lot</i>								
<i>Potholes, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Rear Parking Lot</i>								
<i>Sinking/Subsiding, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Rear Parking Lot</i>								
Cast in Place Concrete	20%			2039		**		

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$4,800	5	\$100	
Raceway								
Conduit	100%			2026	\$31,300	1		
Panelboards								
Molded Case Bkrs	100%			2034	**	5	\$300	
<i>Covers Missing, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 2nd Floor</i>								
Wiring								
Thermoplastic	100%			2026	\$27,700	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	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 200 Amp.</i>								
Generators								
Diesel	100%			2022	\$65,700	1	\$4,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside, Close To Rear Parking Lot.</i>								
<i>Explanation : 76 Kw</i>								
Batteries								
Lead/Acid	100%			2018	\$1,500	5	\$500	
Fuel Storage								
Main Tank	100%			2029	**	5	\$400	
Lighting								

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FIRE DEPARTMENT - 057
EMS STATION 55
Asset # : 13231

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	100%			2031	**	10	\$11,200	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 25%</i>								
<i>Location : 1st Floor And Basement</i>								
Egress Lighting Emergency, Service	50%			2026	\$3,000	1		
Emergency, Service	50%			2026	\$3,000	1		
Exterior Lighting HID	100%			2021	\$46,000	10		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior</i>								
<i>Explanation : Photocell Control</i>								
Alarm								
Security System No Component Generic	50%			2026	\$18,400	1	\$2,300	
Fire/Smoke Detection No Component Generic, Analog	90%							
	10%	Now	\$12,600	2036	**	1-3	\$700	
<i>Local/Battery Operated Detect, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Natural Gas	100%			2036	**	1		
Conversion Equipment Steam Boiler	90%	2-4	\$26,700	2039	**	1	\$9,800	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Explanation : Unit Requires A Lot Of Water Fill. Unit 15 Years Old</i>								
Steam Boiler	10%			2039	**	1	\$1,200	
Distribution Steam Piping/Pump	100%			2026	\$85,000	4	\$900	
<i>Insul. Deteriorating, Extent : Light, Area Affected : 20%</i>								
<i>Location : Basement</i>								
Terminal Devices Convactor/Radiator	100%			2031	**	1	\$3,900	
Air Conditioning								
Energy Source Electricity	100%			2042	**	1		

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FIRE DEPARTMENT - 057
EMS STATION 55
Asset # : 13231

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	80%	2-4	\$22,500	2036	**			
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : 1st And 2nd Floors</i>								
<i>Explanation : Outdoor Unit No Repair. Indoor Units Old And 30 Percent Malfunctioning</i>								
Window/Wall Unit	10%			2021	\$2,500	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,800	
Exhaust Fans								
Interior	15%	Now	\$2,000	2036	**	2		
<i>Unit Inoperable, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Kitchen Hood</i>								
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	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 75 Gallons</i>								
Sanitary Piping								
Cast Iron	30%			LIFE	**	1		
Cast Iron	70%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2018	\$6,700	4	\$2,500	
Backflow Preventer								
No Component	95%							
Generic	5%			2031	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : Serves Boiler Only</i>								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%	Now	\$7,100	2056	**	1-2	\$100	
<i>Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Kitchen Hood System</i>								

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : EMS STATION 55 MELROSE STATION
Address : 3134 PARK AVE. @E 159TH STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSEMS.055 / 13992 **Yr Built/Renovated** : 1905 / 1998
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$136,300	\$47,200
Interior Architecture	\$35,900	\$107,000
Total	\$172,200	\$154,200
Importance Code A	\$136,300	\$47,200
Importance Code B	\$35,900	\$107,000
Total	\$172,200	\$154,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$13,400		\$600	
Interior Architecture	\$12,700			\$1,600
Electrical	\$47,800	\$13,800	\$3,500	\$1,400
Mechanical	\$6,100	\$14,500	\$5,100	\$6,300
Total	\$80,000	\$28,300	\$9,300	\$9,200
Importance Code A	\$15,400	\$2,000	\$2,600	\$2,000
Importance Code B	\$57,800	\$26,300	\$6,700	\$7,300
Importance Code C	\$6,700			
Total	\$80,000	\$28,300	\$9,300	\$9,200



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FIRE DEPARTMENT - 057
EMS STATION 55 MELROSE STATION
Asset # : 13992

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%	Now	\$5,900	LIFE	**	5	\$5,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	93%	Now	\$136,300	LIFE	**	5	\$22,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	2%	Now	\$300	2034	**	5	\$900	
<i>Paint Peeling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Back Side Of The Building</i>								
Stucco Cement	2%	Now	\$1,400	2029	**	5	\$600	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Front And Side Of The Building</i>								
Windows								
Aluminum	100%			2040	**	5	\$1,200	
Parapets								
Cast Stone/Terra Cotta	5%	Now	\$1,100	LIFE	**	5	\$700	
<i>Open Joints, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Top Roof</i>								
Masonry: Brick	5%	Now	\$200	LIFE	**	5	\$100	
<i>Spalling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Low Roof</i>								
Stucco Cement	90%	Now	\$2,000	2029	**	5	\$2,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Top Roof</i>								
Roof								
Modified Bitumen	100%	Now	\$2,400	2024	\$47,200			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Around Roof Hatch</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Around Roof Hatch</i>								
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	**	5	\$9,800	
Ceramic Tile	5%			2033	**	5	\$900	
Vinyl Tile	70%	Now	\$5,300	2024	\$107,000	3	\$4,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Second Floor</i>								

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FIRE DEPARTMENT - 057
EMS STATION 55 MELROSE STATION
Asset # : 13992

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%	Now	\$500	2033	**	5	\$500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Second Floor Toilet</i>								
Concrete Masonry Unit	2%			LIFE	**	5	\$200	
Gypsum Board	64%			LIFE	**	5	\$7,200	
Masonry: Brick	15%	Now	\$5,500	LIFE	**			
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Boiler Room</i>								
Masonry: Fieldstone	2%			LIFE	**			
Plaster	10%	Now	\$800	LIFE	**	5	\$600	
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Second Floor Under Roof Hatch</i>								
Wood	2%			LIFE	**	5	\$1,500	
Ceilings								
AcousTileSusp.Lay-In	2%	Now	\$100	2029	**	5	\$200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : First Floor</i>								
Embossed Metal	91%	Now	\$35,900	LIFE	**	5	\$7,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : First And Second Floor</i>								
Exposed Struc: Steel	2%			LIFE	**			
Plaster	5%			LIFE	**	5	\$600	
Site Enclosure								
Fence/Gates								
Chain link	100%			2044	**			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	**			
On-Site Walkways								
Cast in Place Concrete	100%	Now	\$3,200	2037	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Concrete Pavement Area Between The Building And Parking Lot</i>								
Parking/Driveway								
Asphalt	80%	Now	\$9,200	2027	\$92,300			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Parking Lot</i>								
Cast in Place Concrete	20%			2037	**			

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	**	5	\$100	

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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 55 MELROSE STATION
Asset # : 13992

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	90%			2044	**	1		
Tray	10%			2037	**	1		
Panelboards								
Molded Case Bkrs	40%			2040	**	5	\$200	
	<i>Obsolete Equipment, Extent : Moderate, Area Affected : 70%</i>							
	<i>Location : Basement And Office</i>							
Molded Case Bkrs	60%			2040	**	5	\$300	
Wiring								
Braided Cloth	30%	2-4	\$8,300	2049	**	1		
	<i>On Extended Life, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Third And Second Floors</i>							
Thermoplastic	70%			2044	**	1		
Motor Controllers								
Locally Mounted	100%	4+	\$7,200	2037	**	5	\$100	
	<i>Aged Component, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Garage Door Openers</i>							
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Water Main</i>							
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	**	1	\$6,200	
Generators								
Diesel	100%			2033	**	1	\$7,800	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Rear Yard</i>							
	<i>Explanation : Not Accessible</i>							
Batteries								
Lead/Acid	100%			2018	\$1,500	5	\$700	
Fuel Storage								
Day Tank	100%			2040	**	5	\$3,700	
Lighting								
Interior Lighting								
Fluorescent	50%			2029	**	10	\$9,200	
	<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Fluorescent	30%	2-4	\$16,300	2034	**			
	<i>Obsolete Fixtures, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Second And Third Floors</i>							
HID	10%			2029	**	10	\$100	
Incandescent	10%	Now	\$12,800	2034	**	2		
	<i>Damaged Fixtures, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Third Floor</i>							

Note : 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 55 MELROSE STATION
Asset # : 13992

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

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		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Heating

Energy Source								
Natural Gas	100%			2044	**	1		
Conversion Equipment								
Steam Boiler	100%			2041	**	1	\$19,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One Unit</i>								
Distribution								
Steam Piping/Pump	100%			2044	**	4	\$1,000	
Terminal Devices								
Convactor/Radiator	100%			2037	**	1	\$6,500	

Air Conditioning

Energy Source								
Electricity	100%			2032	**	1		
Conversion Equipment								
Window/Wall Unit	20%			2019		1	\$8,200	
No Component	80%							
Terminal Devices								
Fan Coil - Cooling	70%			2029	**	1	\$4,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Offices</i>								
<i>Explanation : 7 Units</i>								
No Component	30%							
Heat Rejection								
Air Condenser Unit	70%			2029	**	2	\$9,800	
No Component	30%							

Plumbing

H/C Water Piping								
Brass/Copper	100%			2044	**	1		
Water Heater								
Gas Fired	100%			2023		2	\$4,600	\$300
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 - 75 Gallon Unit</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		

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

Maintenance \$ are aggregated over a 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 55 MELROSE STATION
Asset # : 13992

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Rigid Piping	100%			2032	**	4	\$1,600	
Backflow Preventer								
No Component	95%							
Generic	5%			2029	**	1	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Serves Boiler Only</i>								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Dry	10%	Now	\$2,600	2024	\$2,600	1-3	\$4,700	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								
<i>Explanation : Ars-15b, Needs To Be Replaced</i>								
No Component	80%							
Generic	10%			2022	\$2,600	1-3	\$5,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Fire Extinguishers</i>								

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 # : FIRSEMS.058 / 14000 **Yr Built/Renovated** :
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 2018 - 2021	FY 2022 - 2027
Electrical	\$158,600	\$65,700
Mechanical		\$120,800
Total	\$158,600	\$186,500
Importance Code A		\$54,900
Importance Code B	\$158,600	\$131,600
Total	\$158,600	\$186,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$24,000			
Interior Architecture	\$64,600			\$1,000
Electrical	\$3,700	\$26,400	\$1,700	\$1,700
Mechanical	\$15,200	\$9,300	\$9,800	\$200
Total	\$107,500	\$35,700	\$11,600	\$3,000
Importance Code A	\$25,200	\$100	\$1,200	
Importance Code B	\$59,200	\$35,700	\$10,400	\$3,000
Importance Code C	\$23,100			
Total	\$107,500	\$35,700	\$11,600	\$3,000



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

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

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

FIRE DEPARTMENT - 057
EMS STATION 58 EAST 83RD STREET STATION
Asset # : 14000

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	\$8,800	LIFE	**	5	\$14,600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Front Facade Bottom Corner</i>								
Metal Coiling Doors	40%			2037	**	5	\$30,400	
Windows								
Aluminum	100%	0-2	\$15,300	2040	**	5	\$600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Parapets								
Not Accessible	100%							
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	50%	Now	\$18,700	LIFE	**	5	\$19,700	
<i>Horizontal Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Truck Bay Floor</i>								
Ceramic Tile	5%	Now	\$1,700	2033	**	5	\$500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Toilet Rooms</i>								
Vinyl Tile	40%	Now	\$6,100	2029	**	3	\$2,700	
<i>Split/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Administrative Space</i>								
Vinyl Tile	5%	Now	\$7,600	2034	**	3	\$300	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : 9x9's Need Replacing</i>								
Interior Walls								
Ceramic Tile	5%	Now	\$2,600	2033	**	5	\$500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Toilet Rooms</i>								
Concrete Masonry Unit	40%	Now	\$16,600	LIFE	**	5	\$3,000	
<i>Diagonal Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : In Truck Bay Over Storage Mezzanine</i>								
Gypsum Board	50%	Now	\$3,900	LIFE	**	5	\$5,600	
<i>Vertical Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Offices And Hallways</i>								
Wood	5%			LIFE	**	5	\$3,800	
Ceilings								
AcousTileSusp.Lay-In	50%	Now	\$7,300	2037	**	5	\$4,500	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Locker Rooms, Toilet Rooms</i>								
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.

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

FIRE DEPARTMENT - 057
EMS STATION 58 EAST 83RD STREET STATION
Asset # : 14000

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	**			
Parking/Driveway								
Cast in Place Concrete	100%			2037	**			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 2 Street Sides</i>								
<i>Explanation : 6 On Site Driveways</i>								
<hr/>								
Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Service Room</i>								
<i>Explanation : 2- 400 Amp Service Switches</i>								
<hr/>								
Raceway								
Conduit	100%			2034	**	1		
Panelboards								
Molded Case Bkrs	100%			2032	**	5	\$700	
Wiring								
Thermoplastic	100%			2024	\$27,700	1		
Motor Controllers								
Locally Mounted	100%			2022	\$14,400	5	\$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Water Main</i>								
<hr/>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	**	1	\$7,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Service Room</i>								
<i>Explanation : Zenith Type 3 Phase 600 Amp Switch</i>								
<hr/>								
Generators								
Diesel	100%			2027	\$65,700	1	\$9,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Service Room</i>								
<i>Explanation : 188 Kva Generator</i>								
<hr/>								
Batteries								
Lead/Acid	100%			2018	\$1,500	5	\$900	

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FIRE DEPARTMENT - 057
EMS STATION 58 EAST 83RD STREET STATION
Asset # : 14000

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Fuel Storage Day Tank	30%			2032	**	5	\$1,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Rear</i>								
<i>Explanation : 100 Gallon Tank</i>								
Main Tank	70%			2039	**	5	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : 1500 Gallons</i>								
Lighting								
Interior Lighting Fluorescent	95%			2019	\$64,300	10	\$21,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Fixtures In Use</i>								
HID	5%			2019	\$1,200	10		
Egress Lighting								
Emergency, Service	10%			2019	\$1,200	1		
Exit, Service	90%			2024	\$2,500	1		
Exterior Lighting								
HID	100%			2019	\$94,300	10	\$100	
Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Natural Gas	100%			2044	**	1		
Conversion Equipment								
Radiant Heater	50%			2024	\$54,900	2	\$5,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Garage</i>								
<i>Explanation : (4) Gas Fired Radiant Heaters</i>								
Not Accessible	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Roof</i>								
<i>Explanation : (3) Gas Fired Packaged Roof Top Units</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$13,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Office Space</i>								
<i>Explanation : Office And Support Space Only</i>								
Air Conditioning								
Energy Source Electricity	100%			2040	**	1		

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

FIRE DEPARTMENT - 057
EMS STATION 58 EAST 83RD STREET STATION
Asset # : 14000

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	40%	Now	\$13,200	2024	\$65,800	2	\$500	
	<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Roof, Defective Compressors</i>							
Window/Wall Unit	10%			2019	\$5,100	1		
No Component	50%							
Distribution								
Ductwork/Diffusers	50%			LIFE	**	2	\$16,300	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Office / Support Space</i>							
	<i>Explanation : Garage Space Is Not Covered By This System</i>							
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	**	2-5	\$7,000	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Garage</i>							
	<i>Explanation : Flat Canvas Duct System</i>							
Ductwork/Diffusers	50%			LIFE	**	2-5	\$7,000	
Exhaust Fans								
Interior	25%			2024	\$6,900	2	\$200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 83rd Street Side</i>							
	<i>Explanation : Serves Garage Only</i>							
Roof	50%			2024	\$9,900	2	\$400	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : Serves Garage Only</i>							
Roof	25%	Now	\$200	2024	\$5,000	2	\$200	
	<i>Malfunctioning, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Defective Male And Female Locker Room / Toilet Exhaust Fans</i>							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	**	1		
Water Heater								
Electric	100%			2019	\$3,900	4	\$200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Mens Locker Room, Apparatus Floor</i>							
	<i>Explanation : 2 - 50 Gallon Units</i>							
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
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
EMS STATION 58 EAST 83RD STREET STATION
Asset # : 14000

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

Asset Name : ENG CO 264, 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 2018 - 2021	FY 2022 - 2027
Electrical		\$52,600
Mechanical		\$131,500
Total		\$184,100
Importance Code B		\$184,100
Total		\$184,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$12,900	\$11,200		\$6,900
Interior Architecture	\$59,200			\$1,200
Electrical	\$15,400	\$1,200	\$1,000	\$16,700
Mechanical	\$18,900	\$1,800	\$2,100	\$16,100
Total	\$106,400	\$14,300	\$3,200	\$41,000
Importance Code A	\$14,300	\$12,600	\$1,400	\$8,500
Importance Code B	\$64,900	\$1,700	\$1,800	\$32,500
Importance Code C	\$27,300			
Total	\$106,400	\$14,300	\$3,200	\$41,000



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

FIRE DEPARTMENT - 057
ENG CO 264, 328/ LAD CO 134
Asset # : 13153

Architecture	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	15%			LIFE	**	5	\$2,700	
Masonry: Granite	5%			LIFE	**	5	\$700	
<i>Staining/Discoloring, Extent : Light, Area Affected : 2%</i>								
<i>Location : Facade Base; Front Facade.</i>								
Masonry: Limestone	15%	0-2	\$5,900	LIFE	**	5	\$2,000	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Joint Between Limestone And Granite</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Around All Overhead Doors And Adjacent Building</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 2%</i>								
<i>Location : Cornice; Front Facade.</i>								
Stucco Cement	50%			2039	**	5	\$22,500	
Wood Overhead Doors	15%			2031	**	5	\$13,500	
Windows								
Aluminum	100%			2042	**	5	\$500	
Parapets								
Masonry: Brick	75%			LIFE	**	5	\$700	
Masonry: Limestone	10%			LIFE	**	5	\$100	
<i>Staining/Discoloring, Extent : Light, Area Affected : 20%</i>								
<i>Location : Coping On Main Roof.</i>								
Stucco Cement	15%			2031	**	5	\$300	
Roof								
Built-Up (BUR)	100%	Now	\$7,000	2031	**			
<i>Debris on Roof, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Southeast Corner</i>								
<i>Miss/Damaged Flashings, Extent : Light, Area Affected : 5%</i>								
<i>Location : Fourth Floor Roof East Wall.</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations</i>								
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Patched Locations</i>								

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.

FIRE DEPARTMENT - 057
ENG CO 264, 328/ LAD CO 134
Asset # : 13153

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior Floors								
Cast in Place Concrete	75%	Now	\$8,100	LIFE	**	5	\$34,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Third Floor Gymnasium</i>								
<i>Horizontal Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Locations Throughout All Floors</i>								
Ceramic Tile	5%	0-2	\$1,000	2029	**	5	\$500	
<i>Worn/Eroded, Extent : Light, Area Affected : 10%</i>								
<i>Location : Toilets Throughout</i>								
Quarry Tile	5%			2031	**	5	\$1,600	
<i>Worn/Eroded, Extent : Light, Area Affected : 10%</i>								
<i>Location : Kitchen</i>								
Vinyl Tile	15%	Now	\$2,700	2031	**	3	\$1,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout.</i>								

Note : 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
ENG CO 264, 328/ LAD CO 134
Asset # : 13153

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	5%	0-2	\$1,200	2029	**	5	\$400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Toilets And Kitchen</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Toilets And Kitchen</i>								
Gypsum Board	15%	2-4	\$600	LIFE	**	5	\$1,600	
<i>Paint Peeling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Locations</i>								
Masonry: Brick	15%	Now	\$5,200	LIFE	**			
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Engine Company Basement Under Sidewalk Grate.</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement</i>								
Plaster	45%	Now	\$6,400	LIFE	**	5	\$2,400	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various Locations</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
SGFT/Glazed Masonry	20%	Now	\$13,800	LIFE	**			
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Apparatus Room</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Apparatus Room</i>								

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

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

FIRE DEPARTMENT - 057
ENG CO 264, 328/ LAD CO 134
Asset # : 13153

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	55%	Now	\$4,600	2039	**	5	\$5,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 10%</i>								
<i>Location : Truck Bunk Room.</i>								
Exposed Concrete	15%	Now	\$10,100	LIFE	**	5	\$500	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Engine Company Basement</i>								
<i>Spalling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : North Side Of Ladder Company Basement.</i>								
<i>Explanation : Corroded Steel Beam. Supplemental Supports Are In Place.</i>								
Gypsum Board	10%			LIFE	**	5	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Toilets And Showers</i>								
<i>Explanation : Paint Peeling</i>								
Plaster	20%	Now	\$5,500	LIFE	**	5	\$2,600	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	90%			2046	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Side Basement</i>								
<i>Explanation : 200 Amps. Service</i>								
Photovoltaic Panel(s)	10%			2035	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Serves Hot Water Heater</i>								

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FIRE DEPARTMENT - 057
ENG CO 264, 328/ LAD CO 134
Asset # : 13153

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 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	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	**	1	\$4,300	
Generators								
Diesel	100%			2035	**	1	\$5,400	
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Exterior</i>				
				<i>Explanation : 75 Kw</i>				
Batteries								
Nickel Cadmium	100%			2021	\$1,500	5	\$3,100	
Fuel Storage								
Day Tank	100%			2042	**	5	\$2,600	
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Exterior</i>				
				<i>Explanation : 125 Gallons</i>				
Lighting								
Interior Lighting								
Fluorescent	97%			2031	**	10	\$12,400	
				<i>Motion Sensors in Use, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
Incandescent	3%			2026	\$2,700	2		
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Ceiling Of Stair Tower</i>				
				<i>Explanation : Incandescent Down lighting</i>				
Egress Lighting								
Emergency, Battery	50%			2026	\$9,400	10	\$1,700	
Exit, Battery	50%			2026	\$2,500	10	\$500	
Exterior Lighting								
HID	100%			2026	\$52,600	10		
Alarm								

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FIRE DEPARTMENT - 057
ENG CO 264, 328/ LAD CO 134
Asset # : 13153

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

Alarm

Fire/Smoke Detection

No Component

90%

Generic, Analog

10%

Now

\$14,400

2036

* *

1-3

\$800

*Devices Missing, Extent : Severe, Area Affected : 100%**Location : Throughout**Local/Battery Operated Detect, Extent : Light, Area Affected : 100%**Location : Throughout*

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

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

Convactor/Radiator

100%

2024

\$131,500

1

\$4,500

*Corroded, Extent : Light, Area Affected : 100%**Location : All Floors*

Air Conditioning

Energy Source

Electricity

100%

2034

* *

1

Conversion Equipment

Split Unit

10%

2031

* *

Window/Wall Unit

50%

2021

\$14,300

1

No Component

40%

Ventilation

Distribution

Ductwork/Diffusers

20%

LIFE

* *

2-5

\$1,600

No Component

80%

*Other Observation, Extent : Light, Area Affected : 0%**Location : TV Room**Explanation : Ventilation Air*

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FIRE DEPARTMENT - 057
ENG CO 264, 328/ LAD CO 134
Asset # : 13153

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Exhaust Fans								
Interior	10%			2026	\$1,500	2		
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Bathrooms</i>								
<i>Explanation : Under Sized</i>								
Roof	10%			2026	\$1,100	2		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								
<i>Explanation : Kitchen Exhaust</i>								
Wall Unit	30%			2026	\$6,300	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Serves Engine Bays Only</i>								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	**	1		
<i>Antiquated, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Not Insulated, Extent : Light, Area Affected : 60%</i>								
<i>Location : Bathrooms</i>								
Water Heater								
Electric	50%	Now	\$100	2024	\$1,100	4		
<i>Unit Inoperable, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Roof</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Roof</i>								
<i>Explanation : Solar Heat.</i>								
Gas Fired	50%			2024	\$1,600	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 75 Gallon Units</i>								
Sanitary Piping								
Cast Iron	100%	0-2	\$9,100	LIFE	**	1		
<i>Corroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Front Of Basement</i>								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2018	\$6,700	4	\$2,500	
Fixtures								
Generic	100%							

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Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

Asset Name : ENGINE CO. 1/HOOK AND 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 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$51,100
Total		\$51,100
Importance Code A		\$51,100
Total		\$51,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$11,500			\$2,600
Interior Architecture	\$4,900	\$1,200	\$400	
Electrical	\$11,500	\$1,000	\$2,500	\$8,200
Mechanical	\$19,500	\$5,200	\$10,100	\$12,500
Total	\$47,400	\$7,400	\$13,000	\$23,300
Importance Code A	\$12,000	\$600	\$600	\$3,200
Importance Code B	\$35,000	\$6,800	\$12,100	\$20,100
Importance Code C	\$400		\$400	
Total	\$47,400	\$7,400	\$13,000	\$23,300



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FIRE DEPARTMENT - 057
ENGINE CO. 1/HOOK AND LADDER 24
Asset # : 13001

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	**	5	\$21,000	
Masonry: Limestone	5%			LIFE	**	5	\$1,100	
Metal Panel	5%			2046	**	5-10	\$9,600	
Metal Sect. OHD	15%			2043	**	5	\$13,100	
Windows								
Aluminum	100%			2048	**	5	\$2,900	
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	**	5	\$6,000	
Masonry: Brick	65%			LIFE	**	5	\$1,700	
Metal Rail	5%	Now	\$3,500	2046	**	5	\$900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Guard Rails Missing On Upper Mechanical Roof Tops</i>								
Roof								
Roll Roofing	95%			2022	\$51,100	5	\$20,700	
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Alligating At Seams</i>								
Skylight, Metal/Glass	5%			2046	**	10	\$2,200	
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	**	5	\$15,800	
Ceramic Tile	15%			2039	**	5	\$2,400	
Wood	40%	4+	\$4,200	2066	**	5	\$6,000	
<i>Deteriorated Finish, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Cast in Place Concrete	10%			LIFE	**			
Ceramic Tile	5%			2035	**	5	\$800	
Concrete Masonry Unit	5%			LIFE	**	5	\$300	
Gypsum Board	30%	Now	\$400	LIFE	**	5	\$2,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Top Of Stairwell To Roof</i>								
Masonry: Brick	5%			LIFE	**			
Metal Panel	5%			LIFE	**			
Plaster	5%			LIFE	**	5	\$200	
SGFT/Glazed Masonry	25%			LIFE	**			
Wood	10%			LIFE	**	5	\$6,000	
Ceilings								
Exposed Struc: Steel	25%			LIFE	**			
Gypsum Board	10%	Now	\$300	LIFE	**	5	\$2,000	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : 2nd Floor Ceiling And Skylight</i>								
Metal Panel	10%			LIFE	**	5	\$2,000	
Plaster	55%			LIFE	**	5	\$5,500	

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FIRE DEPARTMENT - 057
ENGINE CO. 1/HOOK AND LADDER 24
Asset # : 13001

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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%			2046	**	5		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 400 Amps.</i>						
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	**	5		
Raceway								
Conduit	70%			2026	\$21,900	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	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	**	1	\$3,500	
Generators								
Diesel	100%			2035	**	1	\$4,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : 65 Kw Portable Type</i>						
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$400	
Fuel Storage								
Main Tank	100%			2054	**	5	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Below Generator</i>						
		<i>Explanation : Belly Tank</i>						
Lighting								

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FIRE DEPARTMENT - 057
ENGINE CO. 1/HOOK AND LADDER 24
Asset # : 13001

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	25%			2031	**	10	\$2,600	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Fluorescent	25%			2031	**	10	\$2,600	
		<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Fluorescent	20%			2031	**	10	\$2,100	
		<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Corridors</i>						
HID	30%			2031	**	10	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Mostly Pendant Fixtures</i>						
Egress Lighting								
Emergency, Service	75%			2031	**	1		
Exit, LED	25%			2054	**	1		
Exterior Lighting								
HID	50%			2031	**	10		
HID	50%	Now	\$10,700	2031	**			
		<i>Malfunctioning, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Rear Exterior And Roof</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2046	**	1		
Conversion Equipment								
Furnace	50%			2031	**	1	\$2,800	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 4 Heating / Cooling Units</i>						
Hot Water Boiler	50%			2039	**	1	\$2,800	
Distribution								
Ductwork/Diffusers	50%			LIFE	**	2-5	\$3,200	
Hot Wtr Piping/Pump	50%			2042	**	4	\$400	
Terminal Devices								
Convactor/Radiator	100%			2039	**	1	\$3,700	
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 1/HOOK AND LADDER 24
Asset # : 13001

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Conversion Equipment							
Ext Pkg Unit - Heating/Cooling	99%			2031	**	2	\$700
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
	<i>Location : Roof</i>						
	<i>Explanation : 4 - Heating / Cooling Units R-22</i>						
Window/Wall Unit	1%			2021	\$200	1	
Distribution							
Ductwork/Diffusers	99%			LIFE	**	2	\$14,600
No Component	1%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,300
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	100%			2021	\$2,600	2	\$200
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
	<i>Location : Basement</i>						
	<i>Explanation : 1 - 100 Gallon Unit, 1-175 Gallon Unit</i>						
Sanitary Piping							
Cast Iron	100%	Now	\$9,800	LIFE	**	1	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
	<i>Location : Basement</i>						
	<i>Explanation : Reported That Main Drain Requires Monthly Cleaning. Reason For Required Cleaning Was Not Visible.</i>						
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	\$26,100	1-3	\$55,000

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 : 09-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 7067 **Lot** : 252 **BIN** : 5851738

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$89,400	\$179,600
Mechanical		\$118,000
Total	\$89,400	\$297,600
Importance Code A	\$89,400	\$179,600
Importance Code B		\$118,000
Total	\$89,400	\$297,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$9,300		\$19,500	
Interior Architecture	\$96,200		\$1,100	\$1,500
Electrical	\$3,500	\$2,500	\$3,600	\$4,000
Mechanical	\$14,200	\$10,400	\$6,800	\$5,700
Total	\$123,100	\$12,900	\$31,000	\$11,300
Importance Code A	\$10,300	\$1,000	\$20,500	\$1,000
Importance Code B	\$80,400	\$11,900	\$10,500	\$10,300
Importance Code C	\$32,400			
Total	\$123,100	\$12,900	\$31,000	\$11,300



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

FIRE DEPARTMENT - 057
ENGINE CO. 168 EMS STATION 23 ROSSVILLE STATION
Asset # : 13581

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	**	5	\$600	
Masonry: Brick Cavity	75%	2-4	\$35,500	LIFE	**	5	\$19,000	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Perimeter Windows</i>								
Metal Panel	5%			2047	**	5-10	\$8,700	
Metal Coiling Doors	15%	4+	\$4,300	2040	**	5	\$5,900	
<i>Deformed/Dented, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Stucco Cement	3%	Now	\$4,400	2040	**	5	\$900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Underside Of Soffit Over Main Entrance</i>								
Windows								
Aluminum	98%			2043	**	5	\$600	
Aluminum	2%			2043	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Watch Command</i>								
<i>Explanation : Specialty Glass</i>								
Parapets								
Metal Rail	60%			2040	**	5-10	\$32,100	
No Component	40%							
Roof								
Modified Bitumen	100%	2-4	\$53,900	2027			\$179,600	
<i>Alligating, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	40%	4+	\$12,500	LIFE	**	5	\$26,300	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement Corridors</i>								
Ceramic Tile	10%			2036	**	5	\$3,000	
Sheet Vinyl/Rubber	20%			2032	**	5	\$9,000	
Vinyl Tile	30%			2032	**	3	\$3,400	

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 168 EMS STATION 23 ROSSVILLE STATION
Asset # : 13581

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Cast in Place Concrete	15%	Now	\$11,200	LIFE	**			
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Basement Corridor - Foundation Wall</i>								
Concrete Masonry Unit	68%	2-4	\$17,900	LIFE	**	5	\$6,500	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout Basement</i>								
Glass Block	5%			LIFE	**	10	\$500	
Gypsum Board	10%			LIFE	**	5-10	\$4,000	
Metal Panel	2%			LIFE	**	10	\$200	
Ceilings								
Exposed Concrete	30%	2-4	\$14,500	LIFE	**	5	\$1,400	
<i>Diagonal Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Basement Ceiling Throughout</i>								
Exposed Struc: Steel	40%			LIFE	**	10	\$24,100	
Gypsum Board	5%			LIFE	**	5-10	\$5,200	
Metal Panel	25%			LIFE	**	5	\$18,800	
Electrical								
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	75%			2047	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated @ 800 Amperes.</i>								
Photovoltaic Panel(s)	25%			2036	**	1		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement And Roof</i>								
<i>Explanation : Photovoltaic Panels Observed On Roof. Photovoltaic Equipment Observed In Electric Room In Basement</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2047	**	5	\$100	
Raceway								
Conduit	100%			2047	**	1		
Panelboards								
Fused Disc Sw	5%			2043	**	5		
Molded Case Bkrs	95%			2043	**	5	\$500	
Wiring								
Thermoplastic	100%			2047	**	1		
Motor Controlllers								
Locally Mounted	100%			2040	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$600	

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Estimates are rounded to the nearest hundred dollars.

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

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FIRE DEPARTMENT - 057
ENGINE CO. 168 EMS STATION 23 ROSSVILLE STATION
Asset # : 13581

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	\$6,200	
Generators								
Diesel	100%			2036	* *	1	\$7,800	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Rear Yard</i>						
		<i>Explanation : Emergency Generator Rated @ 80kva</i>						
Batteries								
Lead/Acid	100%			2021	\$1,500	5	\$700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Exterior Rear Yard</i>						
		<i>Explanation : Within Generator Enclosure</i>						
Fuel Storage								
Main Tank	100%			2055	* *	5	\$600	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : 60 Gallons Rated Capacity</i>						
Lighting								
Interior Lighting								
Fluorescent	98%			2032	* *	10	\$18,100	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Fluorescent	2%			2032	* *	10	\$400	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Staircase</i>						
Egress Lighting								
Emergency, Service	50%			2032	* *	1		
Exit, LED	50%			2055	* *	1		
Exterior Lighting								
HID	20%			2032	* *	10		
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2055	* *	5	\$600	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2032	* *	1-3	\$12,400	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns And Strobe Lights</i>						

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

Heating

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057
ENGINE CO. 168 EMS STATION 23 ROSSVILLE STATION
Asset # : 13581

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2047	**	1		
Conversion Equipment								
Furnace	50%			2027	\$12,300	1	\$5,000	
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 5 Roof Top Package Units</i>						
Hot Water Boiler	50%			2044	**	1	\$5,000	
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Hot Wtr Piping/Pump	50%			2043	**	4	\$700	
No Component	50%							
Terminal Devices								
Convactor/Radiator	10%			2040	**	1	\$700	
Unit Heater-Stm/HW	40%	Now	\$5,200	2027	\$51,800	4	\$700	
		<i>Other Observation, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Garage Area</i>						
		<i>Explanation : Not Functioning</i>						
No Component	50%							
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2027	\$66,200	2	\$600	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 50%</i>						
		<i>Location : 5 Package Units, Roof</i>						
Split Unit	10%			2035	**			
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 2 Units. R-410a</i>						
No Component	40%							
Terminal Devices								
Fan Coil - Cooling	10%			2035	**	1	\$700	
No Component	90%							
Heat Rejection								
Remote Air Cond	10%			2035	**	2	\$1,400	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	**	2-5	\$10,600	
No Component	40%							
Exhaust Fans								
Roof	100%			2027	\$15,900	2	\$600	

Plumbing

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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FIRE DEPARTMENT - 057
ENGINE CO. 168 EMS STATION 23 ROSSVILLE STATION
Asset # : 13581

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
H/C Water Piping Brass/Copper	100%			2047	* *	1		
Water Heater Gas Fired	100%			2025	\$4,700	2	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Cellar Mechanical Room</i>						
		<i>Explanation : Two 75 Gallon Water Heaters</i>						
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s) Electric	100%			2032	* *	4	\$1,600	
Backflow Preventer Generic	100%			2032	* *	1	\$1,200	
Fixtures								
Generic	100%							
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Apparatus Area</i>						
		<i>Explanation : Apparatus Area Drinking Fountain Not Operating</i>						
Fire Suppression								
Sprinkler								
No Component Generic	80%			2047	* *	1-2	\$1,100	
Chemical System Generic	100%			2025	\$26,100	1-3	\$50,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Kitchen</i>						
		<i>Explanation : 1 Set Unit</i>						

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$109,400	
Interior Architecture	\$51,700	
Electrical		\$59,600
Total	\$161,100	\$59,600
Importance Code A	\$109,400	
Importance Code B	\$51,700	\$59,600
Total	\$161,100	\$59,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$13,600	\$300		
Interior Architecture	\$65,600			\$1,400
Electrical	\$12,300	\$12,500	\$200	
Mechanical	\$16,500	\$6,800	\$8,700	\$2,200
Total	\$108,100	\$19,500	\$8,900	\$3,700
Importance Code A	\$13,600	\$300		
Importance Code B	\$87,200	\$19,200	\$8,900	\$3,700
Importance Code C	\$7,200			
Total	\$108,100	\$19,500	\$8,900	\$3,700



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

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

Asset # : 13013

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	93%			LIFE	**	5	\$8,100	
Metal Panel	2%			2044	**	5-10	\$1,200	
Metal Coiling Doors	5%	0-2	\$9,900	2029	**	5	\$700	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Windows								
Steel	100%	0-2	\$109,400	2049	**	5	\$13,100	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Deteriorated</i>								
<hr/>								
Parapets								
Cast in Place Concrete	2%			LIFE	**	5	\$1,200	
Masonry: Brick	98%			LIFE	**	5	\$5,800	
<hr/>								
Roof								
Built-Up (BUR)	100%	0-2	\$3,800	2029	**			
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<hr/>								
Interior								
Floors								
Cast in Place Concrete	35%	Now	\$33,200	LIFE	**	5	\$17,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : First Floor</i>								
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	\$9,700	2029	**	3	\$4,300	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Second Floor</i>								
<i>Explanation : Deteriorated Floor Tiles</i>								
<hr/>								
Interior Walls								
Ceramic Tile	2%			2033	**	5	\$600	
Concrete Masonry Unit	46%			LIFE	**	5	\$5,300	
Plaster	30%	0-2	\$6,900	LIFE	**	5	\$2,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
SGFT/Glazed Masonry	20%			LIFE	**			
Wood	2%			LIFE	**	5	\$2,300	

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

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

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

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

Asset # : 13013

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	70%	Now	\$51,700	2029	**	5	\$8,000	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Damaged Ceiling Tiles</i>								
Exposed Concrete	20%			LIFE	**	5	\$700	
Plaster	5%	0-2	\$15,000	LIFE	**	5	\$700	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
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	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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	\$4,300	2044	**	5		
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Garage Door Motor Controls</i>								
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Locally Mounted	70%			2037	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>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.*

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

Asset # : 13013

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	75%			2029	**	10	\$10,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	20%	2-4	\$8,000	2034	**			
<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Garage And Kitchen</i>								
Incandescent	5%			2029	**	2		
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$1,800	
Exit, Battery	50%			2029	**	10	\$500	
Exterior Lighting								
HID	100%			2024		10	\$55,700	

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Other Side Of Building</i>								
<i>Explanation : Supplied From 7th Precinct</i>								
Conversion Equipment Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Supplied From The Precinct</i>								
<i>Explanation : Inadequate Heat Supply</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$700	
Terminal Devices								
Convactor/Radiator	90%	Now	\$6,300	2037	**	1	\$3,900	
<i>Malfunctioning, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Control System In The Precinct</i>								
Fan Coil Unit/Heat	10%	Now	\$1,100	2029	**	1	\$400	
<i>Malfunctioning, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Control System In The Precinct</i>								
Air Conditioning								
Energy Source Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Other Side Of Building</i>								
<i>Explanation : Supplied From 7th Precinct</i>								

Note : 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. 17/LADDER CO.18 (COMBINED FACILITY)

Asset # : 13013

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Other Side Of Building</i>						
		<i>Explanation : Supplied From 7th Precinct</i>						
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$19,200	
Terminal Devices								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Other Side Of Building</i>						
		<i>Explanation : Supplied From 7th Precinct</i>						
Heat Rejection								
Not Accessible	100%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,200	
Exhaust Fans								
Roof	100%	Now	\$1,200	2029	**	2	\$400	
		<i>Broken, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Kitchen- On The Roof</i>						
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	\$2,200	2050	**	1		
		<i>Leak Evident, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Kitchen</i>						
Water Heater								
Electric	100%			2022	\$2,300	4	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : 2 - 119 Gallon Units</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%	Now	\$1,000	LIFE	**	1		
		<i>Blockage /Clogged, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Apparatus Room - When It Rains Hard</i>						
Fixtures								
Generic	100%							
		<i>Obsolete Fixtures, Extent : Severe, Area Affected : 40%</i>						
		<i>Location : Bathroom, Second Floor</i>						
Fire Suppression								
Standpipe								
Generic	100%			2044	**	1-5	\$7,500	
Sprinkler								
Generic	100%			2044	**	1-2	\$4,100	

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 17/LADDER CO.18 (COMBINED FACILITY)
Asset # : 13013

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
Fire Suppression									
Fire Pump									
	Not Accessible	100%							
Chemical System									
	Dry	10%			2018	\$2,600	1-3	\$5,500	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
			<i>Location : Kitchen</i>						
			<i>Explanation : Model Rg-4gs</i>						
	No Component	80%							
	Generic	10%			2019	\$2,600	1-3	\$5,100	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
			<i>Location : Throughout</i>						
			<i>Explanation : Fire Extinguishers</i>						

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$500			\$2,900
Interior Architecture	\$3,100	\$4,200	\$100	
Electrical	\$1,500	\$1,200	\$1,200	\$3,400
Mechanical	\$28,400	\$6,400	\$13,800	\$10,000
Total	\$33,600	\$11,800	\$15,100	\$16,200
Importance Code A	\$2,100	\$900	\$900	\$3,700
Importance Code B	\$29,600	\$10,900	\$14,200	\$12,500
Importance Code C	\$1,900			
Total	\$33,600	\$11,800	\$15,100	\$16,200



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
ENGINE CO. 201/LADDER CO. 114
Asset # : 13098

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	**	5	\$13,000	
Metal Panel	10%			2036	**	5-10	\$10,500	
Metal Panel	5%			2052	**	5-10	\$5,300	
Windows								
Aluminum	100%			2042	**	5	\$700	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$600	
Masonry: Brick	90%			LIFE	**	5	\$700	
Roof								
Modified Bitumen	95%	Now	\$500	2031	**			
<i>Drains Clogged, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Low Roof</i>								
Skylight, Metal/Glass	5%			2046	**	10	\$800	
Interior								
Floors								
Cast in Place Concrete	30%	4+	\$300	LIFE	**	5	\$3,300	
<i>Horizontal Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Apparatus Floor And Basement.</i>								
Ceramic Tile	5%			2035	**	5	\$200	
Panel/Paver: Concrete	5%	Now	\$300	2046	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Inner Courtyard Area</i>								
Wood	60%			2054	**	5	\$5,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	**			
Concrete Masonry Unit	10%	2-4	\$1,500	LIFE	**	5	\$300	
<i>Water Penetration, Extent : Light, Area Affected : 2%</i>								
<i>Location : Basement Entry Stairs, Both Sides.</i>								
Gypsum Board	75%	Now	\$400	LIFE	**	5	\$3,100	
<i>Paint Peeling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Stairwell</i>								
<i>Water Penetration, Extent : Light, Area Affected : 2%</i>								
<i>Location : Stairwell</i>								
Wood	10%			LIFE	**	5	\$2,700	
Ceilings								
AcousTileSusp.Lay-In	55%			2039	**	5	\$2,700	
Embossed Metal	30%			LIFE	**	5	\$700	
Gypsum Board	10%	0-2	\$500	LIFE	**	5	\$600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Basement Stair.</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Engine Bunk Room.</i>								
<i>Explanation : Paint Peeling.</i>								
Wood	5%			LIFE	**	5	\$2,200	

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 201/LADDER CO. 114
Asset # : 13098

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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%			2052	**	5	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 600 Amps.</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2052	**	5	\$500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 600 Amps.</i>						
Raceway								
Conduit	100%			2052	**	1		
Panelboards								
Molded Case Bkrs	100%			2048	**	5	\$500	
Wiring								
Thermoplastic	100%			2052	**	1		
Motor Controllers								
Locally Mounted	100%			2043	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	**	1	\$5,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room (Basement)</i>						
		<i>Explanation : One (1) 600 Amp (1) 70 Amps.</i>						
Generators								
Diesel	100%			2039	**	1	\$6,900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Generator Room (Basement)</i>						
		<i>Explanation : 117.3 Kw</i>						
Batteries								
Lead/Acid	100%			2021	\$1,500	5	\$700	
Fuel Storage								
Main Tank	100%			2061	**	5	\$500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 25 Gallon Tank</i>						
Lighting								
Interior Lighting								
Fluorescent	100%			2034	**	10	\$16,300	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Egress Lighting								
Emergency, Battery	50%			2034	**	10	\$2,100	
Exit, Battery	50%			2034	**	10	\$600	

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FIRE DEPARTMENT - 057
ENGINE CO. 201/LADDER CO. 114
Asset # : 13098

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

Lighting

Exterior Lighting

HID

100%

2031

* *

10

\$100

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

Heating

Energy Source

Natural Gas

100%

2046

* *

1

Conversion Equipment

Furnace

50%

Now

\$1,100

2031

* *

1

\$4,000

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : 6 Roof Top Units**Explanation : Ongoing Control Issues*

Hot Water Boiler

50%

2039

* *

1

\$4,400

Distribution

Ductwork/Diffusers

50%

Now

\$6,600

LIFE

* *

2-5

\$5,000

*Needs Cleaning, Extent : Moderate, Area Affected : 100%**Location : Throughout*

Hot Wtr Piping/Pump

50%

2042

* *

4

\$700

Terminal Devices

Convactor/Radiator

95%

2039

* *

1

\$5,500

Fan Coil Unit/Heat

5%

2026

\$13,300

1

\$300

Air Conditioning

Energy Source

Electricity

100%

2048

* *

1

Conversion Equipment

Ext Pkg Unit -

Heating/Cooling

95%

Now

\$5,600

2031

* *

2

\$800

*R-22 Refrigerant, Extent : Light, Area Affected : 100%**Location : Roof**Other Observation, Extent : Moderate, Area Affected : 100%**Location : Roof Top Units**Explanation : Ongoing Control Issues, 3 Units 410a*

Split Unit

5%

2031

* *

Distribution

Ductwork/Diffusers

70%

Now

\$5,300

LIFE

* *

2

\$16,200

*Needs Cleaning, Extent : Moderate, Area Affected : 100%**Location : Throughout*

Ductwork/Diffusers

30%

LIFE

* *

2

\$6,900

Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

* *

2-5

\$9,900

Exhaust Fans

Roof

100%

2031

* *

2

\$500

Plumbing

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FIRE DEPARTMENT - 057
ENGINE CO. 201/LADDER CO. 114
Asset # : 13098

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Plumbing							
H/C Water Piping Brass/Copper	100%			2046	* *	1	
Water Heater Gas Fired	100%			2024	\$4,100	2	\$300
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement</i>					
		<i>Explanation : 2 - 120 Gallon Units</i>					
Sanitary Piping Cast Iron	100%			LIFE	* *	1	
Storm Drain Piping Cast Iron	100%			LIFE	* *	1	
Sump Pump(s) Rigid Piping	100%			2031	* *	4	\$2,500
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement</i>					
		<i>Explanation : Duplex Unit</i>					
Backflow Preventer Generic	100%			2031	* *	1	\$1,100
Fixtures Generic	100%						
Fire Suppression							
Sprinkler No Component Generic	50%			2046	* *	1-2	\$2,500
Chemical System Generic	100%			2024	\$26,100	1-3	\$55,000

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 :
Block : 2929 **Lot** : 53 **BIN** : 3070506

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Interior Architecture	\$64,700	
Electrical	\$65,700	\$38,500
Total	\$130,400	\$38,500
Importance Code B	\$130,400	\$38,500
Total	\$130,400	\$38,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$37,400			\$14,900
Interior Architecture	\$23,200			\$1,500
Electrical	\$6,500	\$700	\$700	\$19,900
Mechanical	\$900	\$900	\$5,000	\$1,100
Total	\$68,000	\$1,600	\$5,700	\$37,500
Importance Code A	\$38,100	\$500	\$500	\$15,400
Importance Code B	\$30,000	\$1,100	\$5,200	\$22,100
Importance Code C				
Total	\$68,000	\$1,600	\$5,700	\$37,500



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

FIRE DEPARTMENT - 057
ENGINE CO. 206
Asset # : 13102

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%	0-2	\$11,600	LIFE	**	5	\$19,300	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Overhead Door Opening</i>								
Wood Overhead Doors	10%	0-2	\$3,400	2036	**	5	\$5,400	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Apparatus</i>								
Windows								
Aluminum	100%	Now	\$22,400	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	
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$13,300	
Ceramic Tile	5%			2032	**	5	\$800	
Quarry Tile	5%			2036	**	5	\$1,100	
Vinyl Tile	50%	2-4	\$64,700	2033	**	3	\$2,900	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
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	\$22,200	2040	**	5	\$6,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Boiler Room And Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Apparatus Room And Throughout</i>								
Plaster	10%	0-2	\$1,000	LIFE	**	5	\$1,000	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 2nd Floor Bathroom</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2023	\$4,800	5	\$300	

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 206
Asset # : 13102

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2023	\$31,300	1		
Panelboards								
Molded Case Bkrs	100%			2022	\$38,500	5	\$300	
		<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout Firehouse</i>						
Wiring								
Thermoplastic	100%			2023	\$27,700	1		
Motor Controllers								
Locally Mounted	100%			2021	\$14,400	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2021	\$4,800	1	\$3,100	
Generators								
Diesel	100%			2019	\$65,700	1	\$3,900	
Batteries								
Lead/Acid	100%			2018	\$1,500	5	\$400	
Fuel Storage								
Main Tank	100%			2038	* *	5	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Mechanical Room</i>						
		<i>Explanation : 275 Gallons</i>						
Lighting								
Interior Lighting								
Fluorescent	100%			2023	\$27,600	10	\$9,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Mostly T-8</i>						
Exterior Lighting								
HID	50%			2023	\$19,200	10		
HID	10%			2018	\$3,800	10		
No Component	40%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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	\$500	

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 206
Asset # : 13102

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Terminal Devices							
Convector/Radiator	95%			2040	**	1	\$3,100
Unit Heater-Stm/HW	5%			2031	**	4	\$100
Air Conditioning							
Energy Source							
Electricity	100%			2045	**	1	
Conversion Equipment							
Exterior Pkg Unit - Cooling	50%			2031	**	2	\$300
Window/Wall Unit	50%			2022	\$10,400	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							
Brass/Copper	100%			2049	**	1	
Water Heater							
Gas Fired	100%			2022	\$2,400	2	\$200
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Side Utility Room</i>					
		<i>Explanation : 2 - 75 Gallon Units</i>					
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
No Component	95%						
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
		<i>Location : Kitchen</i>					
		<i>Explanation : Ansul System Serves Cooking Area</i>					
Generic	5%			2049	**	1-2	\$200

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$156,500	\$43,700
Interior Architecture	\$233,600	
Electrical		\$122,300
Mechanical		\$55,900
Total	\$390,100	\$221,800
Importance Code A	\$156,500	\$43,700
Importance Code B	\$233,600	\$178,100
Total	\$390,100	\$221,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$35,300			\$17,700
Interior Architecture	\$53,800	\$10,600	\$1,100	\$4,700
Electrical	\$2,100	\$7,000	\$2,100	\$2,200
Mechanical	\$19,100	\$7,300	\$12,500	\$52,000
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
Total	\$115,200	\$29,800	\$20,500	\$81,500
Importance Code A	\$41,600	\$2,600	\$2,600	\$20,300
Importance Code B	\$52,500	\$27,300	\$18,000	\$61,100
Importance Code C	\$21,100			
Total	\$115,200	\$29,800	\$20,500	\$81,500



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

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

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FIRE DEPARTMENT - 057
ENGINE CO. 211/LADDER CO. 119 FIRE MARSHALLS
Asset # : 13106

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	25%	Now	\$112,800	LIFE	**	5	\$12,500	
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Elevator Penthouse</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Site Walls Located Around Perimeter Of Property, Chimney</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Site Wall Located At Rear Of Property</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Elevator Penthouse</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Elevator Penthouse</i>								
Stucco Cement	70%			2031	**	5	\$87,400	
Wood Overhead Doors	5%	Now	\$1,600	2031	**	5	\$6,200	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : All Doors</i>								
<i>Explanation : Repairs In Progress</i>								
Windows								
Aluminum	100%	Now	\$33,700	2034	**	5	\$2,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Fourth Floor Offices Along The South Side And Various Other Locations.</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$1,200	
Masonry: Brick	80%			LIFE	**	5	\$2,400	
Metal Panel	15%			2046	**	5	\$1,700	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entire Parapet On Main Roof</i>								
Roof								
Modified Bitumen	100%			2031	**	10	\$16,800	
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 211/LADDER CO. 119 FIRE MARSHALLS
Asset # : 13106

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$18,500	
<i>Repairs in Progress, Extent : Light, Area Affected : 15%</i>								
<i>Location : Apparatus Floor</i>								
Ceramic Tile	5%			2035	**	5	\$2,100	
Quarry Tile	3%			2031	**	5	\$1,900	
Terrazzo	2%	Now	\$7,900	LIFE	**	5	\$700	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : 2nd Floor Showers</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 2nd Floor Showers</i>								
Vinyl Tile	65%	Now	\$4,700	2021	\$233,600	3	\$10,300	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout 2nd Floor</i>								
Vinyl Tile	5%	Now	\$18,000	2036	**	3	\$800	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Third Floor Workout Room.</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Third Floor Workout Room.</i>								
Interior Walls								
Cast in Place Concrete	30%			LIFE	**			
Ceramic Tile	5%	Now	\$12,300	2029	**	5	\$1,100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 60%</i>								
<i>Location : 3rd Floor Shower Area Adjacent To Gymnasium</i>								
Concrete Masonry Unit	25%			LIFE	**	5	\$4,500	
Gypsum Board	15%			LIFE	**	5	\$4,000	
Plaster	10%	Now	\$3,600	LIFE	**	5	\$1,300	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Room 211, Northeast Corner Of 4th And 5th Floor Offices</i>								
SGFT/Glazed Masonry	15%	Now	\$5,200	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : 1st Floor, Apparatus Area</i>								
Ceilings								
AcousTileSusp.Lay-In	50%			2039	**	5	\$21,200	
Exposed Concrete	30%			LIFE	**	5	\$2,000	
Plaster	20%	Now	\$2,200	LIFE	**	5	\$5,300	
<i>Paint Peeling, Extent : Light, Area Affected : 2%</i>								
<i>Location : 2nd Floor Locker Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : 2nd Floor Locker Room</i>								

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

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.

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FIRE DEPARTMENT - 057
ENGINE CO. 211/LADDER CO. 119 FIRE MARSHALLS
Asset # : 13106

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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%			2046	**	5	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : 400 Amp Main Switch</i>						
Raceway								
Conduit	100%			2036	**	1		
Panelboards								
Molded Case Bkrs	25%			2042	**	5	\$200	
Molded Case Bkrs	75%			2034	**	5	\$600	
Wiring								
Thermoplastic	100%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2031	**	5	\$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	**	1	\$8,700	
Generators								
Diesel	100%			2029	**	1	\$11,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Exterior</i>						
		<i>Explanation : 125w Generator</i>						
Batteries								
Lead/Acid	100%			2019	\$1,500	5	\$1,000	
Fuel Storage								
Day Tank	100%			2034	**	5	\$5,200	
Lighting								
Interior Lighting								
Fluorescent	60%			2026	\$46,000	10	\$15,600	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Fluorescent	30%			2026	\$23,000	10	\$7,800	
		<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 4th And 5th Floors</i>						
Incandescent	10%			2026	\$18,100	2	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Stairs, Dormitory And Closets</i>						
		<i>Explanation : Mostly Incandescent Fixtures</i>						
Egress Lighting								
Emergency, Service	20%			2026	\$2,800	1		
No Component	80%							
Exterior Lighting								
HID	50%			2026	\$53,300	10		
No Component	50%							

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FIRE DEPARTMENT - 057
ENGINE CO. 211/LADDER CO. 119 FIRE MARSHALLS
Asset # : 13106

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

Alarm

Security System								
No Component	90%							
Generic	10%			2026	\$8,500	1	\$1,100	

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

Heating

Energy Source								
Natural Gas	100%			2046	**	1		
Conversion Equipment								
Hot Water Boiler	16%			2039	**	1	\$2,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Mechanical Room</i>						
		<i>Explanation : 1 Hot Water Boiler</i>						
Steam Boiler	34%	Now	\$4,700	2039	**	1	\$8,600	1
		<i>Unit Inoperable, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Mechanical Room</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Mechanical Room</i>						
		<i>Explanation : 2 Of 5 Boilers Not Operating</i>						
Steam Boiler	50%			2039	**	1	\$14,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Mechanical Room</i>						
		<i>Explanation : 3 Of 5 Steam Boilers Running Ok</i>						
Distribution								
Hot Wtr Piping/Pump	16%			2042	**	4	\$300	
Steam Piping/Pump	84%	0-2	\$3,300	2036	**	4	\$1,200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : 2nd Floor</i>						
		<i>Explanation : Water Damage To Walls And Ceilings On 2nd Floor.</i>						
Terminal Devices								
Convactor/Radiator	100%			2031	**	1	\$9,100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 211/LADDER CO. 119 FIRE MARSHALLS
Asset # : 13106

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2026	\$55,900	2	\$500	
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Roof</i>							
Split Unit	2%			2026	\$2,600			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Kitchen</i>							
	<i>Explanation : R 410a</i>							
Window/Wall Unit	58%			2021	\$33,700	1		
No Component	10%							
Distribution								
Ductwork/Diffusers	30%			LIFE	**	2	\$11,000	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$15,800	
Exhaust Fans								
Roof	70%			2026	\$15,700	2	\$600	
Wall Unit	30%			2026	\$12,800	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2046	**	1		
Galv Iron/Steel	50%			2031	**	1		
Water Heater								
Gas Fired	100%			2021	\$6,600	2	\$400	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Mechanical Room</i>							
	<i>Explanation : 2 75 Gallon Water Heaters</i>							
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : 2nd Floor</i>							
	<i>Explanation : Possible Leaking From Drain Piping. Could Not Verify.</i>							
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
	<i>Other Observation, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Shower</i>							
	<i>Explanation : Bases Cracked</i>							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Serves 1st To 5th Floor</i>							
	<i>Explanation : 1 Unit</i>							

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FIRE DEPARTMENT - 057
ENGINE CO. 211/LADDER CO. 119 FIRE MARSHALLS
Asset # : 13106

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Fire Suppression	Chemical System								
	Generic	100%			2024	\$26,100	1-3	\$55,000	

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Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 : 26-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,m,2
Block : 1512 **Lot** : 1 **BIN** : 3040990

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$336,600	
Interior Architecture		\$76,200
Electrical		\$153,000
Mechanical		\$143,500
Total	\$336,600	\$372,700
Importance Code A	\$336,600	
Importance Code B		\$372,700
Total	\$336,600	\$372,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$46,800		\$4,800	
Interior Architecture	\$75,600		\$800	\$1,100
Electrical	\$10,600	\$800	\$2,500	\$1,500
Mechanical	\$33,800	\$6,000	\$5,600	\$9,200
Total	\$166,600	\$6,800	\$13,700	\$11,900
Importance Code A	\$47,400	\$600	\$5,400	\$600
Importance Code B	\$104,100	\$6,200	\$7,900	\$11,300
Importance Code C	\$15,200		\$400	
Total	\$166,600	\$6,800	\$13,700	\$11,900



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

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

FIRE DEPARTMENT - 057
ENGINE CO. 233/LADDER CO. 176
Asset # : 13124

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	45%	Now	\$161,700	LIFE	**	5	\$6,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Side Alley</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Entry Facade</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Above Overhead Doors - Main Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Street Facades And Side Lot Entrance</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade @ 1st Floor Offices And Foundation Wall Below</i>								
Metal Panel	10%	Now	\$800	2037	**	5	\$4,100	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : House Watch At Main Facade</i>								
Metal Sect. OHD	10%			2040	**	5	\$6,800	
Pre-Cast Concrete	25%			LIFE	**	5	\$35,500	
Stucco Cement	5%			2040	**	5	\$2,700	
Window Wall	5%	Now	\$52,500	2057	**	5	\$2,000	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : House Watch - Main Entrance, 1st And 2nd Floor</i>								
Windows								
Aluminum	97%	Now	\$23,100	2052	**	5	\$300	
<i>Air Infiltration, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : 2nd Floor</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
Metal Louvers	3%			2036	**	10	\$100	
Parapets								
Cast in Place Concrete	50%			LIFE	**	5	\$8,500	
Concrete Masonry Unit	25%			LIFE	**	5-10	\$1,100	
Metal Panel	20%			2037	**	5	\$600	
Metal Rail	5%			2032	**	5-10	\$700	

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

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FIRE DEPARTMENT - 057
ENGINE CO. 233/LADDER CO. 176
Asset # : 13124

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Modified Bitumen	100%	Now	\$122,400	2037	**			
<i>Alligating, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Main And Lower Roofs</i>								
<i>Blisters, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Main And Lower Roofs</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Main And Lower Roofs</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Above Kitchen</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Main And Lower Roofs</i>								
<hr/>								
Interior								
Floors								
Cast in Place Concrete	40%	2-4	\$7,500	LIFE	**	5	\$15,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations In Apparatus Room</i>								
Ceramic Tile	5%			2030	**	5	\$900	
Quarry Tile	5%			2032	**	5	\$1,300	
Vinyl Tile	50%	Now	\$15,200	2027	\$76,200	3	\$3,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Sitting Area</i>								
<hr/>								
Interior Walls								
Cast in Place Concrete	10%			LIFE	**	10	\$3,800	
Ceramic Tile	5%			2030	**	5	\$800	
Concrete Masonry Unit	45%	4+	\$7,500	LIFE	**	5	\$2,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout</i>								
Gypsum Board	10%			LIFE	**	5-10	\$2,600	
SGFT/Glazed Masonry	30%			LIFE	**	10	\$2,300	
<hr/>								
Ceilings								
AcousTileSusp.Lay-In	15%	Now	\$21,800	2047	**	5	\$1,300	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Kitchen</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Kitchen</i>								
Exposed Concrete	35%			LIFE	**	5-10	\$7,900	
Gypsum Board	50%	0-2	\$9,100	LIFE	**	5	\$11,200	
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Mezzanine Offices</i>								

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

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.

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FIRE DEPARTMENT - 057
ENGINE CO. 233/LADDER CO. 176
Asset # : 13124

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2027	\$4,800	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Disconnect Rated @ 500 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$48,800	5	\$300	
Raceway								
Conduit	100%			2027	\$31,300	1		
Panelboards								
Molded Case Bkrs	100%			2026	\$38,500	5	\$300	
Wiring								
Thermoplastic	100%			2027	\$27,700	1		
Motor Controllers								
Locally Mounted	100%			2025	\$14,400	5	\$100	
Ground								
Grounding Devices								
Generic	100%	0-2	\$9,500	LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : Corroded</i>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2025	\$4,800	1	\$3,700	
Generators								
Diesel	100%			2023	\$65,700	1	\$4,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Emergency Generator Rated @ 62kw</i>								
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$400	
Fuel Storage								
Day Tank	50%			2026	\$400	5	\$1,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 50 Gallons Rated Capacity</i>								
Main Tank	50%			2030	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 275 Gallons Rated Capacity</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.

FIRE DEPARTMENT - 057
ENGINE CO. 233/LADDER CO. 176
Asset # : 13124

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	70%			2027	\$22,800	10	\$7,700	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2027	\$1,600	10	\$600	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
LED	25%			2035	* *			
Egress Lighting								
Emergency, Service	50%			2022	\$2,900	1		
Exit, Service	50%			2022	\$700	1		
Exterior Lighting								
HID	20%			2027	\$9,000	10		
No Component	80%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2047	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2044	* *	1	\$5,900	
Distribution								
Hot Wtr Piping/Pump	100%			2035	* *	4	\$900	
Terminal Devices								
Convactor/Radiator	10%			2032	* *	1	\$400	
Fan Coil Unit/Heat	80%	Now	\$14,400	2027	\$143,500	1	\$2,800	
<i>Malfunctioning, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 6 Of Them Have Mechanical Defects.</i>								
<i>Other Observation, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 15 Units.</i>								
Unit Heater-Stm/HW	10%			2027	\$7,700	4	\$200	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

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

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FIRE DEPARTMENT - 057
ENGINE CO. 233/LADDER CO. 176
Asset # : 13124

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	15%			2032	**			
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : For Locker Room</i>								
<i>Explanation : 1 Unit. R-410a.</i>								
Window/Wall Unit	30%			2022	\$7,400	1		
Window/Wall Unit	30%	0-2	\$7,400	2027	\$7,400	1		
<i>On Extended Life, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Various</i>								
No Component	25%							
Terminal Devices								
Fan Coil - Cooling	15%			2032	**	1	\$600	
No Component	85%							
Heat Rejection								
Remote Air Cond	15%			2032	**	2	\$1,300	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	**	2-5	\$6,400	
No Component	40%							
Exhaust Fans								
Roof	60%			2032	**	2	\$200	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Water Heater								
Gas Fired	100%			2025	\$2,800	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 75 Gallon Units</i>								
Sanitary Piping								
Cast Iron	100%	Now	\$500	LIFE	**	1		
<i>Blockage /Clogged, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 1st Floor Sitting Area</i>								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Rigid Piping	100%			2027	\$11,000	4	\$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2037	**	1-2	\$300	

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 233/LADDER CO. 176
Asset # : 13124

Mechanical		Current Repair		Future Replacement		Maintenance		Priority	
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Fire Suppression	Chemical System								
	Generic	100%			2022	\$26,100	1-3	\$55,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
		<i>Location : In Kitchen</i>							
		<i>Explanation : 1 Unit</i>							

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 : 28-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 1384 **Lot** : 8 **BIN** : 3037055

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$316,000	
Interior Architecture	\$51,200	
Electrical		\$153,000
Total	\$367,200	\$153,000
Importance Code A	\$316,000	
Importance Code B	\$51,200	\$153,000
Total	\$367,200	\$153,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$33,300	\$5,300		
Interior Architecture	\$54,300		\$700	\$800
Electrical	\$1,100	\$700	\$2,300	\$1,300
Mechanical	\$28,500	\$4,700	\$11,300	\$8,900
Total	\$117,100	\$10,700	\$14,400	\$11,000
Importance Code A	\$33,800	\$5,900	\$500	\$500
Importance Code B	\$71,300	\$4,800	\$13,200	\$10,500
Importance Code C	\$12,000		\$700	
Total	\$117,100	\$10,700	\$14,400	\$11,000



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 234 LADDER 123/BATTALION 38
Asset # : 13125

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	90%	Now	\$316,000	LIFE	**	5	\$12,000	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : On Both Sides Of Overhead Door And West Facade</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Entry Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : All Facades</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Underside Of Soffits</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Duct Penetrations Along Side Elevation</i>								
Wood Overhead Doors	10%			2044	**	5	\$10,700	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entry Facade</i>								
Windows								
Aluminum	100%	Now	\$22,300	2052	**	5	\$300	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	15%	0-2	\$3,000	LIFE	**	5	\$1,900	
<i>Repointing Failure, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Main And Lower Roofs</i>								
Concrete Masonry Unit	60%	0-2	\$2,500	LIFE	**	5	\$1,100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Metal Rail	15%			2032	**	5-10	\$4,300	
Stucco Cement	10%	Now	\$1,200	2040	**	5	\$200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Interior Side Of Upper Parapet Wall</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Upper Roof</i>								

Note : 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. 234 LADDER 123/BATTALION 38
Asset # : 13125

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Modified Bitumen	85%	2-4	\$3,500	2035		**		
<i>Debris Present, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Upper Roof</i>								
<i>Ridging, Extent : Light, Area Affected : 15%</i>								
<i>Location : South West Corner</i>								
Single Ply Membrane	15%	Now	\$700	2027	\$7,100			
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Lower Roof - South And North Ends</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bunk Room</i>								
Interior								
Floors								
Cast in Place Concrete	50%	Now	\$7,800	LIFE		**	5	\$16,500
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Apparatus Room</i>								
Ceramic Tile	5%	Now	\$1,500	2030		**	5	\$400
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 2nd Floor Bathrooms And Officers Quarters</i>								
Quarry Tile	5%			2032		**	5	\$1,100
Vinyl Tile	40%	0-2	\$51,200	2037		**	3	\$2,300
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Second Floor</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout 2nd Floor</i>								
Interior Walls								
Cast in Place Concrete	10%			LIFE		**	10	\$3,700
Ceramic Tile	10%			2030		**	5	\$1,500
Concrete Masonry Unit	15%			LIFE		**	5	\$1,800
Gypsum Board	30%			LIFE		**	5-10	\$7,500
SGFT/Glazed Masonry	35%			LIFE		**	10	\$2,600
Ceilings								
AcousTileSusp.Lay-In	15%			2032		**	5	\$2,300
Exposed Concrete	20%			LIFE		**	5-10	\$3,800
Gypsum Board	65%	Now	\$29,700	LIFE		**	5	\$12,300
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : 2nd Floor Office And Officer Bunk Room</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : 2nd Floor</i>								

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

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

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FIRE DEPARTMENT - 057
ENGINE CO. 234 LADDER 123/BATTALION 38
Asset # : 13125

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2027	\$4,800	5	\$300	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Main Service Disconnect Switch Rated @ 300 Amperes.</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$48,800	5	\$300	
Raceway								
Conduit	100%			2027	\$31,300	1		
Panelboards								
Molded Case Bkrs	100%			2026	\$38,500	5	\$300	
Wiring								
Thermoplastic	100%			2027	\$27,700	1		
Motor Controllers								
Locally Mounted	100%			2025	\$14,400	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2025	\$4,800	1	\$3,200	
Generators								
Diesel	100%			2023	\$65,700	1	\$4,000	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : Emergency Generator Rated @ 30 Kw</i>						
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$400	
Fuel Storage								
Day Tank	50%			2026	\$400	5	\$1,000	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 30 Gallons Rated Capacity</i>						
Main Tank	50%			2030	**	5	\$200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Underground</i>						
		<i>Explanation : 1000 Gallons Rated Capacity</i>						
Lighting								
Interior Lighting								
Fluorescent	40%			2032	**	10	\$3,800	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
LED	60%			2035	**			
Egress Lighting								
Emergency, Service	100%			2027	\$5,100	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 234 LADDER 123/BATTALION 38
Asset # : 13125

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

Lighting

Exterior Lighting								
HID	20%			2027	\$7,800	10		
No Component	80%							

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

Heating

Energy Source								
Electricity	35%			2037	**	1		
Natural Gas	65%			2047	**	1		

Conversion Equipment

Furnace	30%			2035	**	1	\$1,500	
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Other Observation, Extent : Light, Area Affected : 30%
Location : Roof
Explanation : 1 Roof Top Package Unit

Hot Water Boiler	65%			2040	**	1	\$3,300	
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Other Observation, Extent : Light, Area Affected : 65%
Location : Basement Boiler Room
Explanation : 1 Unit

Radiant Heater	5%			2027	\$2,300	2	\$200	
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Distribution

Hot Wtr Piping/Pump	65%			2035	**	4	\$500	
No Component	35%							

Terminal Devices

Convactor/Radiator	40%			2032	**	1	\$1,300	
Unit Heater-Stm/HW	25%	0-2	\$16,700	2037	**	4	\$200	

Other Observation, Extent : Light, Area Affected : 25%
Location : 1st Floor
Explanation : Aged Units, Serves Engine Bay

No Component	35%							
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Air Conditioning

Energy Source								
Electricity	100%			2043	**	1		

Conversion Equipment

Ext Pkg Unit - Heating/Cooling	30%			2035	**	2	\$200	
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Other Observation, Extent : Light, Area Affected : 30%
Location : Roof
Explanation : 1 Roof Top Unit. R-410a

Window/Wall Unit	30%			2022	\$6,400	1		
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No Component	40%							
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Ventilation

Distribution								
Ductwork/Diffusers	30%			LIFE	**	2-5	\$2,700	
No Component	70%							

Note : 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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FIRE DEPARTMENT - 057
ENGINE CO. 234 LADDER 123/BATTALION 38
Asset # : 13125

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Exhaust Fans								
Roof	40%			2035	**	2	\$100	
Wall Unit	20%			2032	**	2	\$100	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Water Heater								
Gas Fired	100%			2022	\$2,400	2	\$200	
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Basement</i>				
				<i>Explanation : 2 Units.</i>				
Sanitary Piping								
Cast Iron	100%	Now	\$1,100	LIFE	**	1		
				<i>Blockage /Clogged, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : 1st Floor</i>				
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2020	\$6,700	4	\$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2027	\$6,000	1-2	\$200	
				<i>Other Observation, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Basement</i>				
				<i>Explanation : Limited Coverage</i>				
Chemical System								
Generic	100%			2022	\$26,100	1-3	\$55,000	

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Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 : 22-Apr-2016 Landmark Status : NONE
 Areas Surveyed : Basement, Roof, Floors 1,2
 Block : 2560 Lot : 50 BIN : 3064786

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$100,800	\$87,800
Electrical		\$87,300
Total	\$100,800	\$175,000
Importance Code A	\$100,800	\$87,800
Importance Code B		\$87,300
Total	\$100,800	\$175,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$63,600			
Interior Architecture	\$68,000		\$2,200	\$400
Electrical	\$900	\$700	\$2,200	\$800
Mechanical	\$9,600	\$1,100	\$5,800	\$800
Total	\$142,100	\$1,800	\$10,200	\$2,100
Importance Code A	\$64,100	\$500	\$500	\$500
Importance Code B	\$62,300	\$1,300	\$8,600	\$1,600
Importance Code C	\$15,800		\$1,100	
Total	\$142,100	\$1,800	\$10,200	\$2,100



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FIRE DEPARTMENT - 057
ENGINE CO. 238/LADDER CO. 106
Asset # : 13129

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$24,400	
Masonry: Brick Cavity	85%			LIFE	**	5	\$41,600	
Wood Overhead Doors	5%			2032	**	5	\$6,100	
<hr/>								
Windows								
Aluminum	100%	2-4	\$100,800	2052	**	5	\$1,200	2
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 25%</i>								
<i>Location : 2nd Floor Windows</i>								
<i>Unit Inoperable, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
<hr/>								
Parapets								
Cast in Place Concrete	30%	2-4	\$2,500	LIFE	**	5	\$8,200	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Joints Throughout</i>								
Cast Stone/Terra Cotta	5%			LIFE	**	5-10	\$3,800	
Masonry: Brick	50%			LIFE	**	5-10	\$9,100	
Metal Rail	5%			2032	**	5-10	\$2,400	
No Component	10%							
<hr/>								
Roof								
Modified Bitumen	100%	Now	\$17,600	2027			\$87,800	
<i>Alligatoring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Both Roofs</i>								
<i>Blisters, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Main Roof</i>								
<i>Ridging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout Both Roofs</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Lower Roof Where Kitchen Abuts Garage</i>								
<hr/>								
Interior								
Floors								
Cast in Place Concrete	57%	0-2	\$9,100	LIFE	**	5	\$19,200	
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Through Slab In Basement Tank Room</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement Slab Throughout</i>								
Ceramic Tile	15%			2040	**	5	\$2,300	
<i>Recent Installation, Extent : Light, Area Affected : 90%</i>								
<i>Location : 2nd Floor Bath And Locker Rooms</i>								
Terrazzo	8%			LIFE	**	5	\$1,900	
Vinyl Tile	20%	0-2	\$5,200	2027		3	\$1,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 2nd Floor And Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : 2nd Floor And Basement</i>								

Note : 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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FIRE DEPARTMENT - 057
ENGINE CO. 238/LADDER CO. 106
Asset # : 13129

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	\$6,700	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout Basement</i>								
Ceramic Tile	10%			2040	**	5	\$2,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 90%</i>								
<i>Location : 2nd Floor Bath And Locker Rooms</i>								
Concrete Masonry Unit	15%			LIFE	**	5	\$2,500	
Gypsum Board	5%			LIFE	**	5-10	\$1,800	
Plaster	30%			LIFE	**	5-10	\$5,400	
SGFT/Glazed Masonry	30%			LIFE	**	10	\$3,200	
Ceilings								
AcousTileConcealSpLn	35%	0-2	\$8,700	2044	**	5	\$3,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : 2nd Floor</i>								
Exposed Concrete	45%	Now	\$22,200	LIFE	**	5	\$1,100	
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Connecting Soffit Between Kitchen And Apparatus Room</i>								
Metal Panel	10%	4+	\$5,100	LIFE	**	5	\$1,900	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout Kitchen</i>								
Plaster	10%	Now	\$1,000	LIFE	**	5	\$1,000	
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Gymnasium Ceiling - From Roof Penetrations Above</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2027	\$4,800	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated @ 400 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$48,800	5	\$300	
Raceway								
Conduit	100%			2027	\$31,300	1		
Panelboards								
Molded Case Bkrs	100%			2026	\$38,500	5	\$300	
Wiring								
Thermoplastic	100%			2027	\$27,700	1		

Ground

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FIRE DEPARTMENT - 057
ENGINE CO. 238/LADDER CO. 106
Asset # : 13129

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ground								
Grounding Devices Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Basement</i>								
<i>Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible Covered With Insulation</i>								
Stand-by Power								
Transfer Switches Automatic	100%			2040	**	1	\$3,200	
Generators								
Diesel	100%			2036	**	1	\$4,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Emergency Generator Rated @ 55 Kw</i>								
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$400	
Fuel Storage								
Main Tank	100%			2042	**	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 275 Gallons Rated Capacity</i>								
Lighting								
Interior Lighting Fluorescent	70%			2032	**	10	\$6,600	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor And Basement</i>								
LED	30%			2035	**			
Egress Lighting								
Emergency, Service	70%			2032	**	1		
Exit, LED	30%			2062	**	1		
Exterior Lighting								
HID	20%			2027	\$7,700	10		
No Component	80%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Natural Gas	100%			2053	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	**	1	\$5,100	
Distribution								
Hot Wtr Piping/Pump	100%			2043	**	4	\$800	

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FIRE DEPARTMENT - 057
ENGINE CO. 238/LADDER CO. 106
Asset # : 13129

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Terminal Devices							
Convector/Radiator	90%			2040	**	1	\$3,000
Unit Heater-Stm/HW	10%			2032	**	4	\$100
Air Conditioning							
Energy Source							
Electricity	100%			2049	**	1	
Conversion Equipment							
Window/Wall Unit	20%			2025	\$4,200	1	
Under Construction	80%						
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2	\$16,700
Terminal Devices							
Direct Expansion	50%			2032	**	1	
No Component	50%						
Heat Rejection							
Remote Air Cond	50%			2032	**	2	\$3,600
No Component	50%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,100
Exhaust Fans							
Interior	50%			2032	**	2	\$200
Roof	50%			2032	**	2	\$200
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2053	**	1	
Water Heater							
Gas Fired	100%			2025	\$2,400	2	\$200
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Basement</i>							
<i>Explanation : 2 - 75 Gallon Units</i>							
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Sump Pump(s)							
Submersible	100%	Now	\$1,300	2022	\$6,700	4	\$1,600
<i>Not in Service, Extent : Severe, Area Affected : 100%</i>							
<i>Location : Cellar</i>							
Fixtures							
Generic	100%						

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Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$155,800	
Interior Architecture	\$76,300	
Mechanical	\$72,600	
Total	\$304,700	
Importance Code A	\$155,800	
Importance Code B	\$148,900	
Total	\$304,700	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$53,700	\$2,600		\$9,200
Interior Architecture	\$56,700	\$1,600		
Electrical	\$6,700	\$3,700	\$800	\$29,900
Mechanical	\$3,200	\$1,200	\$13,800	\$6,800
Total	\$120,300	\$9,100	\$14,600	\$45,900
Importance Code A	\$54,200	\$3,100	\$500	\$9,700
Importance Code B	\$51,900	\$4,400	\$14,000	\$36,200
Importance Code C	\$14,200	\$1,600		
Total	\$120,300	\$9,100	\$14,600	\$45,900



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FIRE DEPARTMENT - 057
ENGINE CO. 258/LADDER CO. 115
Asset # : 13147

Architecture	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	**	5	\$9,100	
Masonry: Brick	75%	Now	\$95,900	LIFE	**	5	\$29,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Northwest Corner Including Street Side Parapet</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 2%</i>								
<i>Location : East Facade.</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : Water Infiltration During Heavy Rain Observed By Firefighters.</i>								
Masonry: Granite	2%			LIFE	**	5	\$600	
Masonry: Limestone	10%	0-2	\$10,300	LIFE	**	5	\$2,900	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Front Facade.</i>								
Metal Sect. OHD	5%			2031	**	5	\$6,100	
Stucco Cement	5%			2031	**	5	\$4,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 4th Floor Bulkhead</i>								
<i>Explanation : Stucco Located At 4th Floor Observed From Roof.</i>								
Windows								
Aluminum	100%	Now	\$18,600	2042	**	5	\$1,000	
<i>Unit Inoperable, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Panel	70%			2036	**	5	\$7,400	
Metal Rail	30%	Now	\$1,200	2031	**	5	\$5,800	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 5%</i>								
<i>Location : At The Corners.</i>								

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FIRE DEPARTMENT - 057
ENGINE CO. 258/LADDER CO. 115
Asset # : 13147

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	85%	Now	\$18,000	2021	\$59,900			
	<i>Blisters, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Main Roof</i>							
	<i>Drains Clogged, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Towards Front Of Building</i>							
	<i>Ponding, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Various Locations</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Main Roof</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Main Roof</i>							
	<i>Explanation : Poor Installation On Replacement Roof.</i>							
Metal Panel	10%			2039	**	10	\$2,600	
Skylight, Metal/Glass	5%	Now	\$5,700	2036	**			
	<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Main Roof</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Over Stair.</i>							
	<i>Explanation : Needs Complete Re-caulking.</i>							
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$13,700	
Ceramic Tile	15%	Now	\$2,500	2029	**	5	\$1,200	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Kitchen.</i>							
Wood	45%	0-2	\$76,300	2041	**	5	\$6,600	
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 75%</i>							
	<i>Location : 1st And 2nd Floor.</i>							
	<i>Loose/Miss Fasteners, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Various Locations</i>							

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FIRE DEPARTMENT - 057
ENGINE CO. 258/LADDER CO. 115
Asset # : 13147

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	10%			2029	**	5	\$3,200	
Concrete Masonry Unit	20%	4+	\$7,800	LIFE	**	5	\$2,600	
<i>Staining/Discoloring, Extent : Light, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Gypsum Board	10%	Now	\$700	LIFE	**	5	\$1,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Locations</i>								
Masonry: Brick	20%			LIFE	**			
<i>Paint Peeling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Apparatus Room</i>								
Plaster	40%	Now	\$5,700	LIFE	**	5	\$3,900	
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 3rd Floor Under Skylight In Pool Room And Various Other Locations.</i>								
Ceilings								
AcousTileSusp.Lay-In	35%	Now	\$14,500	2031	**	5	\$2,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout.</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : 2nd, 3rd And 4th Floor Mezzanine Lounge Area.</i>								
Embossed Metal	45%	Now	\$13,500	LIFE	**	5	\$3,200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : 4th Floor And Apparatus Room</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 4th Floor And Apparatus Room</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 4th Floor And Apparatus Room</i>								
Exposed Struc: Steel	15%	Now	\$10,800	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : 3rd Floor, Rear Wall And Basement</i>								
<i>Explanation : Rusted Lintel Above Window.</i>								
Plaster	5%	Now	\$1,100	LIFE	**	5	\$500	
<i>Horizontal Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Truck Bay Stair And 2nd Floor Offices</i>								

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

Under 600 Volts

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ENGINE CO. 258/LADDER CO. 115
Asset # : 13147

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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%			2046	**	5		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 800 Amps. Service</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2046	**	5	\$300	
Raceway								
Conduit	90%			2036	**	1		
Conduit	10%			2046	**	1		
Panelboards								
Fused Disc Sw	10%			2034	**	5		
Molded Case Bkrs	90%			2034	**	5	\$200	
Wiring								
Thermoplastic	100%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2031	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	**	1	\$3,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 400 Amp</i>						
Generators								
Diesel	100%			2029	**	1	\$4,100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 250kw</i>						
Batteries								
Lead/Acid	100%			2019	\$1,600	5	\$400	
Fuel Storage								
Day Tank	100%			2034	**	5	\$1,900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Outside Rear Yard</i>						
		<i>Explanation : 125 Gallons</i>						
Lighting								
Interior Lighting								
Fluorescent	90%			2026	\$27,900	10	\$8,700	
		<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Incandescent	10%			2021	\$7,300	2		
Egress Lighting								
Emergency, Battery	50%			2026	\$7,700	10	\$1,300	
Exit, Battery	50%			2026	\$2,100	10	\$400	

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FIRE DEPARTMENT - 057
ENGINE CO. 258/LADDER CO. 115
Asset # : 13147

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

Lighting

Exterior Lighting								
HID	50%			2021	\$21,600	10		
No Component	50%							

Alarm

Fire/Smoke Detection								
No Component	95%							
Generic, Analog	5%	4+	\$5,900	2036	**	1-3	\$300	

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

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

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								
Exterior Pkg Unit - Cooling	95%	2-4	\$72,600	2036	**	2	\$500	

R-22 Refrigerant, Extent : Light, Area Affected : 100%
Location : 7 Roof Units
Other Observation, Extent : Moderate, Area Affected : 100%
Location : Roof
Explanation : On Extended Life

Window/Wall Unit	5%			2021	\$1,200	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$13,700	

Ventilation

Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,900	
Exhaust Fans								
Interior	50%			2026	\$6,300	2	\$200	
Roof	50%			2021	\$4,500	2	\$200	

Plumbing

H/C Water Piping								
Brass/Copper	100%			2052	**	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.*

FIRE DEPARTMENT - 057
ENGINE CO. 258/LADDER CO. 115
Asset # : 13147

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Water Heater Gas Fired	100%			2024	\$2,700	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 75 Gallon Units</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Combination Sewer Backs Up During Heavy Rains</i>								
Storm Drain Piping								
Cast Iron	100%	0-2	\$1,600	LIFE	* *	1		
<i>Blockage /Clogged, Extent : Light, Area Affected : 20%</i>								
<i>Location : Roof Drain</i>								
Sump Pump(s)								
Submersible	100%			2020	\$7,300	4	\$1,600	
Backflow Preventer								
Generic	100%			2034	* *	1	\$600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler Generic	100%			2052	* *	1-2	\$2,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								
<i>Explanation : System Serves Cooking Area</i>								

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 : 22-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 307 **Lot** : 29 **BIN** : 4003673

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$20,200		\$900	
Interior Architecture	\$67,800		\$5,100	\$3,300
Electrical	\$2,700	\$1,200	\$1,400	\$2,700
Mechanical	\$38,100	\$12,300	\$10,600	\$12,800
Total	\$128,800	\$13,500	\$18,100	\$18,700
Importance Code A	\$21,000	\$800	\$1,700	\$800
Importance Code B	\$80,300	\$12,700	\$16,300	\$18,000
Importance Code C	\$27,500			
Total	\$128,800	\$13,500	\$18,100	\$18,700



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 259/LADDER CO. 128 /BATTALION 45
Asset # : 13148

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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%	0-2	\$5,100	LIFE	**	5	\$8,400	
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Mortar Joints Sealed On Street Facade. Previous Water Penetration Throughout Facade In Driving Rain Storms</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Window Lintels</i>								
Masonry: Brick Cavity	10%			LIFE	**	5	\$2,400	
Masonry: Limestone	2%			LIFE	**	5	\$400	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Third Floor Window Lintels</i>								
Metal Panel	10%			2047	**	5-10	\$8,300	
Metal Sect. OHD	5%			2040	**	5	\$1,900	
Pre-Cast Concrete	3%			LIFE	**	5	\$2,300	
Windows								
Aluminum	100%	Now	\$800	2043	**	5	\$200	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 3rd Floor Front</i>								
<i>Weather Strip Missing, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	10%	2-4	\$400	LIFE	**	5	\$1,100	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Front Facade</i>								
Masonry: Brick Cavity	65%			LIFE	**	5-10	\$6,400	
Metal Panel	5%			2053	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof Parapet</i>								
<i>Explanation : Metal Coping</i>								
Metal Panel	20%			2047	**	5	\$1,100	
Roof								
IRMA/Protected Membrane	5%	4+	\$200	2027			\$5,000	
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Lower Roof Above Kitchen</i>								
Modified Bitumen	77%			2032	**	10	\$9,600	
Plaza Roof: Stone Panels	15%			2047	**			
Skylight, Metal/Glass	3%	Now	\$5,500	2047	**			
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Kitchen Skylight</i>								
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	**	5	\$42,900	
Ceramic Tile	30%			2036	**	5	\$6,500	
Wood	25%			2055	**	5	\$10,200	

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FIRE DEPARTMENT - 057
ENGINE CO. 259/LADDER CO. 128 /BATTALION 45
Asset # : 13148

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Cast in Place Concrete	15%			LIFE	**	10	\$9,500	
Ceramic Tile	5%	Now	\$10,500	2036	**	5	\$600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Stairs To Basement</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Mens 3rd Floor Bathroom</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Apparatus Room</i>								
Concrete Masonry Unit	10%			LIFE	**	5	\$2,000	
Gypsum Board	64%	Now	\$1,300	LIFE	**	5	\$9,700	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : 3rd Floor Front</i>								
Metal Panel	1%			LIFE	**	10	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor Housewatch</i>								
<i>Explanation : Stainless Steel Panels</i>								
Wood	5%			LIFE	**	5	\$10,100	
Ceilings								
AcousTileSusp.Lay-In	15%	4+	\$1,300	2040	**	5	\$1,600	
<i>Staining/Discoloring, Extent : Light, Area Affected : 2%</i>								
<i>Location : 2nd And 3rd Floor Offices</i>								
Exposed Struc: Steel	25%			LIFE	**	10	\$10,900	
Gypsum Board	60%	4+	\$6,600	LIFE	**	5	\$16,400	
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 3rd Floor Bathroom, 3rd Floor Front</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 3rd Floor Bunkroom</i>								
<i>Explanation : Paint Peeling</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2047	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated @ 600 Amperes.</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2047	**	5	\$400	
Raceway								
Conduit	100%			2047	**	1		
Panelboards								
Molded Case Bkrs	100%			2043	**	5	\$400	

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Estimates are rounded to the nearest hundred dollars.

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FIRE DEPARTMENT - 057
ENGINE CO. 259/LADDER CO. 128 /BATTALION 45
Asset # : 13148

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2047	**	1		
Motor Controllers								
Locally Mounted	100%			2040	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	**	1	\$4,900	
Generators								
Diesel	100%			2036	**	1	\$6,100	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Emergency Generator Rated @ 180kw</i>					
Batteries								
Lead/Acid	100%			2021	\$1,500	5	\$600	
Fuel Storage								
Day Tank								
	50%			2043	**	5	\$1,500	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 60 Gallons Rated Capacity</i>					
Main Tank								
	50%			2055	**	5	\$200	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 550 Gallons Rated Capacity</i>					
Lighting								
Interior Lighting								
Fluorescent								
	99%			2032	**	10	\$14,300	
			<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
Fluorescent								
	1%			2032	**	10	\$100	
			<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Shower Room</i>					
Egress Lighting								
Emergency, Service	25%			2032	**	1		
Emergency, Battery	25%			2032	**	10	\$1,000	
Exit, LED	50%			2055	**	1		
Exterior Lighting								
HID	20%			2032	**	10		
No Component	80%							
Alarm								

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FIRE DEPARTMENT - 057
ENGINE CO. 259/LADDER CO. 128 /BATTALION 45
Asset # : 13148

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

Alarm

Security System

No Component

90%

Generic

10%

2032

* *

1

\$600

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Outside**Explanation : Cctv Surveillance Camera*

Fire/Smoke Detection

No Component

95%

Generic, Analog

5%

2027

\$8,200

1-3

\$500

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : 1st Floor**Explanation : Alarm Bells*

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

Heating

Energy Source

Natural Gas

100%

2053

* *

1

Conversion Equipment

Hot Water Boiler

100%

2040

* *

1

\$7,800

Distribution

Hot Wtr Piping/Pump

90%

2049

* *

4

\$700

Hot Wtr Piping/Pump

10%

Now

\$7,900

2052

* *

4

\$100

*Other Observation, Extent : Severe, Area Affected : 100%**Location : Third Floor Ceiling**Explanation : Ruptured*

Terminal Devices

Convactor/Radiator

50%

2040

* *

1

\$2,600

Convactor/Radiator

10%

0-2

\$14,900

2047

* *

1

\$500

*Corroded, Extent : Severe, Area Affected : 100%**Location : Third Floor Bathroom*

Fan Coil Unit/Heat

40%

2032

* *

1

\$2,000

Air Conditioning

Energy Source

Electricity

100%

2049

* *

1

Conversion Equipment

Exterior Pkg Unit -

70%

2032

* *

2

\$700

Cooling

Split Unit

5%

2032

* *

No Component

25%

Distribution

Ductwork/Diffusers

70%

LIFE

* *

2

\$18,000

No Component

30%

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FIRE DEPARTMENT - 057
ENGINE CO. 259/LADDER CO. 128 /BATTALION 45
Asset # : 13148

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Heat Rejection							
Remote Air Cond	5%			2032	**	2	\$600
No Component	95%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$14,000
Exhaust Fans							
Interior	20%			2032	**	2	\$100
Roof	80%			2032	**	2	\$400
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2047	**	1	
Water Heater							
Gas Fired	100%			2026	\$3,700	2	\$200
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Cellar</i>					
		<i>Explanation : Two 75 Gallon Heaters</i>					
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Sump Pump(s)							
Submersible	100%			2021	\$6,700	4	\$2,500
Backflow Preventer							
Generic	100%			2035	**	1	\$1,000
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Cellar</i>					
		<i>Explanation : Backflow Preventers On Domestic Water, Sprinkler And Boiler Water Feeds</i>					
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
Generic	100%			2053	**	1-2	\$4,400
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Throughout</i>					
		<i>Explanation : Building Fully Sprinklered Including Cellar</i>					
Chemical System							
Wet	100%			2025	\$28,400	1-3	\$57,100

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Interior Architecture		\$44,200
Electrical		\$182,400
Total		\$226,600
Importance Code B		\$226,600
Total		\$226,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture		\$28,400	\$1,500	
Interior Architecture	\$1,300		\$700	
Electrical	\$3,100	\$1,600	\$1,500	\$1,300
Mechanical	\$1,500	\$2,200	\$2,900	\$2,400
Elevators/Escalators	\$1,700			
Total	\$7,600	\$32,200	\$6,500	\$3,700
Importance Code A	\$900	\$29,300	\$2,300	\$900
Importance Code B	\$4,400	\$2,800	\$4,200	\$2,800
Importance Code C	\$2,300			
Total	\$7,600	\$32,200	\$6,500	\$3,700



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

Maintenance \$ are aggregated over a 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. 265/LADDER CO. 121 / EMS STATION 47
Asset # : 13154

Architecture	Current Repair		Future Replacement		Maintenance		Priority	
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	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								
Aluminum	95%			2040	**	5	\$2,900	
Metal Louvers	5%			2033	**	10	\$1,000	
Parapets								
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								
Metal Panel	25%			2037	**	10	\$14,600	
Modified Bitumen	50%			2029	**	10	\$15,900	
Modified Bitumen	25%			2029	**	10	\$7,900	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Over Second Floor</i>								
<i>Explanation : Concrete Pavers</i>								
Interior								
Floors								
Cast in Place Concrete	75%			LIFE	**	5	\$44,200	
Ceramic Tile	5%			2033	**	5	\$1,300	
Vinyl Tile	20%			2029	**	3	\$2,000	
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	\$1,700	2044	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Masonry Free Standing Wall</i>								
<i>Explanation : Decorative Steel Detailing Above Needs Re - Anchoring</i>								
Site Pavements								

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 265/LADDER CO. 121 / EMS STATION 47
Asset # : 13154

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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%			2033	**			
Cast in Place Concrete	20%			2037	**			

Electrical		Current Repair		Future Replacement		Maintenance		Priority
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	\$100	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Main Service Switch Rated @ 400 Amperes

Switchgear / Switchboard

Fused Disc Sw	100%			2044	**	5	\$100	
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Raceway

Conduit	100%			2044	**	1		
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Panelboards

Molded Case Bkrs	100%			2040	**	5	\$500	
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Wiring

Thermoplastic	100%			2044	**	1		
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Motor Controllers

Locally Mounted	100%			2037	**	5	\$100	
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Ground

Grounding Devices

Not Accessible	100%							
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Stand-by Power

Transfer Switches

Automatic	100%			2037	**	1	\$5,500	
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Generators

Diesel	100%			2027	\$65,700	1	\$7,000	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Outside

Explanation : Emergency Generator No Available Nameplate Ratings

Batteries

Lead/Acid	100%			2018	\$1,500	5	\$700	
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Fuel Storage

Main Tank	100%			2039	**	5	\$500	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Outside

Explanation : No Nameplate Rating Capacity

Lighting

Interior Lighting

Fluorescent	100%			2024	\$48,800	10	\$16,500	
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T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Note : 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. 265/LADDER CO. 121 / EMS STATION 47
Asset # : 13154

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

Lighting

Egress Lighting								
Emergency, Service	50%			2024	\$4,400	1		
Exit, LED	50%			2039	* *	1		
Exterior Lighting								
HID	100%			2024	\$67,900	10	\$100	

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

Heating

Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Furnace	40%			2029	* *	1	\$3,600	
			<i>Other Observation, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : 6 Roof Top Package Units</i>					
Hot Water Boiler	60%			2037	* *	1	\$5,300	
			<i>Other Observation, Extent : Light, Area Affected : 60%</i>					
			<i>Location : 1st Floor Boiler Room</i>					
			<i>Explanation : 1 Unit</i>					
Distribution								
Hot Wtr Piping/Pump	60%			2040	* *	4	\$500	
No Component	40%							
Terminal Devices								
Air Handler	20%			2029	* *	1	\$2,200	
Convector/Radiator	10%			2037	* *	1	\$600	
Unit Heater-Stm/HW	30%			2029	* *	4	\$500	
No Component	40%							

Air Conditioning

Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2029	* *	1	\$1,700	
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>					
			<i>Location : 2nd Floor Mechanical Room</i>					
Ext Pkg Unit - Heating/Cooling	50%			2029	* *	2	\$600	
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 50%</i>					
			<i>Location : 6 Roof Top Package Units</i>					
No Component	30%							
Terminal Devices								
Direct Expansion	20%			2029	* *	1		
No Component	80%							

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

Maintenance \$ are aggregated over a 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. 265/LADDER CO. 121 / EMS STATION 47
Asset # : 13154

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	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	\$4,200	2	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 2 - 100 Gallon Units</i>						
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%							

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

Asset Name : ENGINE CO. 266
Address : 92-20 ROCKAWAY BEACH BOULEVARD
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIRSECO.266 / 13155 **Yr Built/Renovated** : 1922 / 2009
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$80,300	\$73,400
Electrical		\$37,900
Mechanical		\$112,800
Total	\$80,300	\$224,100
Importance Code A	\$80,300	\$73,400
Importance Code B		\$150,700
Total	\$80,300	\$224,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$24,200	\$7,600		
Interior Architecture	\$73,500			\$900
Electrical	\$35,700	\$900	\$2,700	\$11,900
Mechanical	\$19,000	\$9,100	\$2,000	\$1,600
Elevators/Escalators	\$2,300			
Total	\$154,800	\$17,600	\$4,700	\$14,400
Importance Code A	\$25,400	\$8,800	\$1,200	\$1,200
Importance Code B	\$78,800	\$8,800	\$3,500	\$13,200
Importance Code C	\$50,600			
Total	\$154,800	\$17,600	\$4,700	\$14,400



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

FIRE DEPARTMENT - 057
ENGINE CO. 266
Asset # : 13155

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	20%			LIFE	**	5	\$5,600	
Masonry: Granite	5%			LIFE	**	5	\$1,000	
Masonry: Limestone	5%			LIFE	**	5	\$1,000	
<i>Staining/Discoloring, Extent : Light, Area Affected : 2%</i>								
<i>Location : Underside Of Cornice; Front Facade.</i>								
Stucco Cement	50%	Now	\$80,300	2039	**	5	\$17,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Side And Rear Walls</i>								
Stucco Cement	10%			2039	**	5	\$6,900	
Wood Overhead Doors	10%	0-2	\$8,800	2031	**	5	\$6,900	
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Lower Part Of Door And Frame</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 25%</i>								
<i>Location : Front Of Building</i>								
Windows								
Aluminum	100%	Now	\$2,600	2048	**	5	\$1,500	
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 2%</i>								
<i>Location : Bathroom, Third Floor.</i>								
<i>Unit Inoperable, Extent : Light, Area Affected : 2%</i>								
<i>Location : Rope Holding Closed Casement On The Third Floor In The Workout Room.</i>								
Parapets								
Masonry: Limestone	10%	Now	\$1,900	LIFE	**	5	\$500	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Coping.</i>								
Stucco Cement	90%			2039	**	5	\$8,300	
Roof								
Modified Bitumen	75%	Now	\$11,000	2026	\$55,100			
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Flashing Misaligned Along Parapet On Roof Access Hatch Side.</i>								
<i>Ponding, Extent : Light, Area Affected : 5%</i>								
<i>Location : Third Floor Roof.</i>								
Modified Bitumen	25%			2026	\$18,400	10	\$3,200	
Interior								

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 266
Asset # : 13155

Architecture	Current Repair			Future Replacement		Maintenance		Priority
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	45%	Now	\$4,200	LIFE	**	5	\$17,600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement.</i>								
Ceramic Tile	10%	Now	\$1,700	2029	**	5	\$900	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Kitchen</i>								
Quarry Tile	5%	2-4	\$1,300	2031	**	5	\$700	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Kitchen</i>								
Vinyl Tile	40%	Now	\$6,100	2031	**	3	\$2,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Ceramic Tile	10%	Now	\$13,600	2039	**	5	\$1,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Kitchen, Toilets</i>								
Masonry: Brick	5%	Now	\$9,600	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement, Throughout.</i>								
Plaster	55%	Now	\$10,800	LIFE	**	5	\$4,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	30%	Now	\$14,300	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Apparatus Floor.</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 15%</i>								
<i>Location : Apparatus Floor</i>								

Note : 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. 266
Asset # : 13155

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$1,400	2039	**	5	\$400	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Kitchen</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Kitchen</i>								
Metal Panel	5%			LIFE	**	5	\$1,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Toilet</i>								
Plaster	90%	Now	\$10,600	LIFE	**	5	\$10,100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Second Floor Locker Room.</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Basement.</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Site Enclosure								
Fence/Gates								
Chain link	100%	Now	\$2,300	2046	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Rear Gate</i>								
Site Pavements								
Parking/Driveway								
Asphalt	100%	Now	\$5,000	2035	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Rear Lot</i>								

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

Note : 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. 266
Asset # : 13155

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	60%			2046	**	1		
Conduit	40%			2026	\$12,500	1		
<i>Covers Missing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<hr/>								
Panelboards								
Molded Case Bkrs	60%			2042	**	5	\$200	
Molded Case Bkrs	40%			2025	\$15,400	5	\$100	
<hr/>								
Wiring								
Thermoplastic	80%			2046	**	1		
Thermoplastic	20%			2036	**	1		
<hr/>								
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
<hr/>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	**	1	\$3,700	
<hr/>								
Generators								
Diesel	100%			2035	**	1	\$4,600	
<i>Enclosure Corroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Exterior Exhaust Ductwork Disconnected</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Side Yard</i>								
<i>Explanation : 80 Kva</i>								
<hr/>								
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$400	
<hr/>								
Fuel Storage								
Day Tank	100%			2042	**	5	\$2,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Side Yard</i>								
<i>Explanation : 125 Gallons</i>								
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	**	10	\$11,000	
<i>Motion Sensors in Use, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Exterior Lighting								
HID	50%			2026	\$22,500	10		
HID	50%	Now	\$22,500	2036	**			
<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Exterior In Alleyway</i>								
<hr/>								
Alarm								

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 266
Asset # : 13155

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

Alarm

Fire/Smoke Detection

No Component

90%

Generic, Analog

10% Now

\$12,400

2036

* *

1-3

\$700

*Devices Missing, Extent : Severe, Area Affected : 100%**Location : Throughout**Local/Battery Operated Detect, Extent : Light, Area Affected : 100%**Location : Throughout*

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

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

*Insul. Deteriorating, Extent : Light, Area Affected : 20%**Location : Basement*

Terminal Devices

Convactor/Radiator

100%

2024

\$112,800

1

\$3,900

*Corroded, Extent : Light, 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

\$7,400

2025

\$12,300

1

*Broken, Extent : Moderate, Area Affected : 75%**Location : All Floors*

No Component

40%

Ventilation

Distribution

Ductwork/Diffusers

10%

Now

\$3,100

LIFE

* *

2-5

\$700

*Other Observation, Extent : Moderate, Area Affected : 20%**Location : Generator Exhaust**Explanation : Duct Not Sealed, Openings In Duct.*

No Component

90%

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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. 266
Asset # : 13155

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Exhaust Fans								
Interior	20%	Now	\$2,600	2036	* *	2	\$100	
	<i>Broken, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Toilet Rooms</i>							
Roof	10%			2026	\$900	2		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 1st Floor</i>							
	<i>Explanation : Kitchen Exhaust</i>							
Wall Unit	30%			2026	\$5,400	2	\$100	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
	<i>Not Insulated, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Bathrooms</i>							
Water Heater								
Electric	50%			2024	\$900	4		
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : Solar Heater</i>							
Gas Fired	50%			2024	\$1,400	2	\$100	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 2 - 75 Gallon Units</i>							
Sanitary Piping								
Cast Iron	100%	Now	\$2,600	LIFE	* *	1		
	<i>Leak Evident, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : 2nd To 1st Floor</i>							
Storm Drain Piping								
Cast Iron	100%	Now	\$1,700	LIFE	* *	1		
	<i>Blockage /Clogged, Extent : Light, Area Affected : 20%</i>							
	<i>Location : 1st Floor</i>							
Sump Pump(s)								
Submersible	100%			2019	\$6,700	4	\$2,500	
Fixtures								
Generic	100%							

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$48,700
Interior Architecture		\$60,200
Electrical		\$91,200
Mechanical		\$93,500
Total		\$293,600
Importance Code A		\$48,700
Importance Code B		\$244,900
Total		\$293,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$39,100	\$5,300		
Interior Architecture	\$58,400	\$2,300	\$1,900	\$800
Electrical	\$22,800	\$100	\$200	\$10,700
Mechanical	\$8,200	\$1,300	\$1,600	\$1,300
Total	\$128,500	\$9,000	\$3,800	\$12,800
Importance Code A	\$40,100	\$6,300	\$1,000	\$1,000
Importance Code B	\$44,700	\$2,700	\$1,600	\$11,800
Importance Code C	\$43,700		\$1,100	
Total	\$128,500	\$9,000	\$3,800	\$12,800



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

FIRE DEPARTMENT - 057
ENGINE CO. 268/LADDER CO. 137
Asset # : 13156

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%			LIFE	**	5	\$19,600	
<i>Repairs in Progress, Extent : Light, Area Affected : 90%</i>								
<i>Location : Front Facade</i>								
Masonry: Brick	75%			LIFE	**	5	\$23,500	
<i>Repairs in Progress, Extent : Light, Area Affected : 25%</i>								
<i>Location : Front Facade</i>								
<i>Sidewalk Shed in Use, Extent : Light, Area Affected : 25%</i>								
<i>Location : Front And Part Of Side</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Front Facade</i>								
Masonry: Granite	2%	0-2	\$8,100	LIFE	**	5	\$500	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Front Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Front Facade</i>								
Metal, Corrugated	5%			2036	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Bulkhead At Roof</i>								
Metal Sect. OHD	10%			2039	**	5	\$9,800	
Windows								
Aluminum	100%			2034	**	5	\$800	
Parapets								
Cast Stone/Terra Cotta	20%	Now	\$700	LIFE	**	5	\$2,000	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : North Side Of Roof</i>								
Masonry: Brick	80%			LIFE	**	5	\$1,000	
Roof								
Built-Up (BUR)	80%	Now	\$24,400	2026		\$48,700		
<i>Blisters, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Third Floor Roof.</i>								
<i>Debris on Roof, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Single Ply Membrane	15%	Now	\$4,000	2026		\$6,700		
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Second Floor Open Porch Floor.</i>								
<i>Explanation : Improperly Pitched.</i>								
Skylight, Metal/Glass	5%	Now	\$2,000	2036	**			1
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Hose Tower</i>								

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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FIRE DEPARTMENT - 057
ENGINE CO. 268/LADDER CO. 137
Asset # : 13156

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	**	5	\$10,600	
Ceramic Tile	10%			2035	**	5	\$1,600	
Quarry Tile	5%	0-2	\$1,300	2039	**	5	\$600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Kitchen</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Kitchen</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 25%</i>								
<i>Location : Kitchen</i>								
Terrazzo	5%			LIFE	**	5	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Stair And Landings</i>								
<i>Explanation : Terrazzo</i>								
Vinyl Tile	40%	Now	\$3,000	2026	\$60,200	3	\$2,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
Wood	10%			2054	**	5	\$3,000	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bunkroom</i>								
Interior Walls								
Ceramic Tile	10%			2035	**	5	\$2,200	
Plaster	55%	Now	\$10,700	LIFE	**	5	\$3,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	35%	Now	\$33,000	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Apparatus Room</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Apparatus Room</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Apparatus Room</i>								

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FIRE DEPARTMENT - 057
ENGINE CO. 268/LADDER CO. 137
Asset # : 13156

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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	\$10,400	LIFE	**	5	\$9,100	

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 : Balcony

Water Penetration, Extent : Severe, Area Affected : 10%

Location : 3rd Floor Throughout

Other Observation, Extent : Light, Area Affected : 15%

Location : Balcony

Explanation : Exterior Space

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

Under 600 Volts

Service Equipment

Photovoltaic Panel(s)	10%			2035	**	1		
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Other Observation, Extent : Light, Area Affected : 100%

Location : Roof

Explanation : Serves Hot Water Heater

Not Accessible	90%							
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Switchgear / Switchboard

Molded Case Bkrs	100%			2026	\$53,300	5	\$300	
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Raceway

Conduit	100%			2026	\$34,200	1		
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Panelboards

Molded Case Bkrs	10%			2042	**	5		
Molded Case Bkrs	90%			2025	\$37,900	5	\$200	

Wiring

Thermoplastic	100%			2046	**	1		
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Motor Controllers

Locally Mounted	100%			2031	**	5	\$100	
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Ground

Grounding Devices

Not Accessible	100%							
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Lighting

Interior Lighting

Fluorescent	100%			2026	\$29,900	10	\$9,300	
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Motion Sensors in Use, Extent : Light, Area Affected : 100%

Location : Throughout

T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%

Location : Throughout

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FIRE DEPARTMENT - 057
ENGINE CO. 268/LADDER CO. 137
Asset # : 13156

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Exterior Lighting								
HID	25%			2021	\$10,400	10		
No Component	75%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	Now	\$22,800	2036	* *	1-3	\$1,100	
			<i>Devices Missing, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Local/Battery Operated Detect, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Obsolete</i>					

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	\$10,000	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : All Floors</i>					
			<i>Explanation : Unit Requires Repair Often In Winter As Reported By Users</i>					
Distribution								
Steam Piping/Pump	100%			2036	* *	4	\$500	
Terminal Devices								
Convactor/Radiator	90%			2024	\$93,500	1	\$2,900	
			<i>Corroded, Extent : Light, Area Affected : 100%</i>					
			<i>Location : All Floors</i>					
Unit Heater-Stm/HW	10%			2026	\$7,100	4	\$100	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1st Floor</i>					
			<i>Explanation : Serves Engine Bay</i>					
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	\$6,800	2025	\$11,300	1		
			<i>Broken, Extent : Light, Area Affected : 50%</i>					
			<i>Location : All Floors</i>					
No Component	50%							
Ventilation								

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FIRE DEPARTMENT - 057
ENGINE CO. 268/LADDER CO. 137
Asset # : 13156

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Exhaust Fans								
Roof	10%			2026	\$900	2		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : Kitchen Exhaust</i>						
Wall Unit	30%			2026	\$5,000	2	\$100	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	**	1		
		<i>Not Insulated, Extent : Moderate, Area Affected : 80%</i>						
		<i>Location : All Floors</i>						
Water Heater								
Electric	50%			2024	\$900	4		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Solar</i>						
Gas Fired	50%			2024	\$1,300	2	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Mechanical Room</i>						
		<i>Explanation : 2 - 75 Gallon Units</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Main Drain</i>						
		<i>Explanation : Combination Drain, Backs Up During Heavy Rain</i>						
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							

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Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$458,900	\$53,600
Interior Architecture	\$59,300	\$47,900
Electrical		\$123,800
Total	\$518,300	\$225,300
Importance Code A	\$458,900	\$53,600
Importance Code B	\$59,300	\$171,700
Total	\$518,300	\$225,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$77,000			\$7,800
Interior Architecture	\$82,700	\$3,000		\$1,300
Electrical	\$4,600		\$100	\$200
Mechanical	\$10,300	\$13,600	\$6,600	\$33,800
Total	\$174,600	\$16,600	\$6,700	\$43,100
Importance Code A	\$78,300	\$1,300	\$1,300	\$9,100
Importance Code B	\$56,900	\$14,700	\$5,400	\$34,000
Importance Code C	\$39,400	\$600		
Total	\$174,600	\$16,600	\$6,700	\$43,100



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
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FIRE DEPARTMENT - 057
ENGINE CO. 271/LADDER CO. 124
Asset # : 13158

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	62%	Now	\$379,700	LIFE	**	5	\$19,200	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout.</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	5%	4+	\$10,000	LIFE	**	5	\$1,200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Front Facade At Grade Level</i>								
Masonry: Limestone	15%	0-2	\$11,100	LIFE	**	5	\$3,500	
<i>Staining/Discoloring, Extent : Light, Area Affected : 15%</i>								
<i>Location : Front Facade.</i>								
Metal Panel	3%	Now	\$7,300	2056	**	5	\$1,700	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Stair Bulkhead On Roof</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Stair Bulkhead On Roof</i>								
Stucco Cement	5%	Now	\$14,700	2031	**	5	\$1,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Front Facade At Roof/ Parapet Level</i>								
Wood Overhead Doors	10%			2031	**	5	\$15,500	
Windows								
Aluminum	100%	Now	\$19,500	2034	**	5	\$1,100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Toilet Room Third Floor.</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	**	5	\$2,200	
Masonry: Brick	80%	Now	\$38,600	LIFE	**	5	\$1,500	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Front Facade/ West Parapet</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Front Facade/ West Parapet</i>								
<i>Spalling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	5%	Now	\$3,700	LIFE	**	5	\$600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Located At Front Facade.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Located At Front Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Located At Front Facade.</i>								

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FIRE DEPARTMENT - 057
ENGINE CO. 271/LADDER CO. 124
Asset # : 13158

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	85%	Now	\$10,700	2026	\$53,600			
<i>Blisters, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout.</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 3rd Floor Lounge And Workout Room.</i>								
Skylight, Metal/Glass	10%	0-2	\$40,700	2036	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Main Roof And Stair Bulkhead</i>								
Skylight, Metal/Glass	5%			2036	**	10	\$2,100	
Interior								
Floors								
Cast in Place Concrete	45%	Now	\$4,400	LIFE	**	5	\$16,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Engine Side Basement.</i>								
Ceramic Tile	5%	Now	\$900	2029	**	5	\$400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : 2nd Floor Laundry Room And Bathroom</i>								
Quarry Tile	5%			2031	**	5	\$1,300	
Vinyl Tile	30%	Now	\$23,900	2026	\$47,900	3	\$1,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 2nd And 3rd Floors</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 2nd And 3rd Floors</i>								
Wood	15%			2029	**	5	\$4,800	
Interior Walls								
Ceramic Tile	5%			2029	**	5	\$1,200	
Gypsum Board	10%			LIFE	**	5	\$1,400	
Masonry: Brick	20%	Now	\$20,100	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement Foundation Wall</i>								
Plaster	30%	Now	\$3,100	LIFE	**	5	\$2,100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : 2nd Floor Bunk Room And Toilet Room On The Truck Side.</i>								
SGFT/Glazed Masonry	15%	Now	\$15,000	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Apparatus Floor</i>								
SGFT/Glazed Masonry	10%			LIFE	**			
Wood	10%	Now	\$1,100	LIFE	**	5	\$9,500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Staircase On The Engine/ Chief Side Was Missing Balusters.</i>								

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FIRE DEPARTMENT - 057
ENGINE CO. 271/LADDER CO. 124
Asset # : 13158

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	Now	\$1,500	2031	**	5	\$900	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : 1st And 2nd Floors</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 5%</i>								
<i>Location : 1st And 2nd Floors</i>								
Embossed Metal	50%	Now	\$8,300	LIFE	**	5	\$3,900	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 8%</i>								
<i>Location : Throughout 1st Floor</i>								
Exposed Struc: Steel	5%	Now	\$59,300	LIFE	**			
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Basement (2) Sides.</i>								
Plaster	35%	Now	\$4,300	LIFE	**	5	\$3,800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : 3rd Floor Workout Room.</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 5%</i>								
<i>Location : 3rd Floor Workout Room And 2nd Floor Bunk Room.</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$5,300	5	\$100	
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	\$53,300	5	\$300	
Raceway								
Conduit	100%			2036	**	1		
Panelboards								
Molded Case Bkrs	80%			2025	\$33,600	5	\$300	
Molded Case Bkrs	20%			2042	**	5	\$100	
Wiring								
Thermoplastic	100%			2036	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								

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FIRE DEPARTMENT - 057
ENGINE CO. 271/LADDER CO. 124
Asset # : 13158

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	85%			2026	\$33,000	10	\$10,200	
	<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Fluorescent	10%			2026	\$3,900	10	\$1,200	
	<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Incandescent	5%	Now	\$4,600	2036	* *	2		
	<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement, Electrical Service Side</i>							
Exterior Lighting								
HID	75%			2031	* *	10		
No Component	25%							
Mechanical								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Furnace	1%			2026	\$200	1	\$100	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Engine Bay</i>							
	<i>Explanation : Gas Fired Unit Heater</i>							
Steam Boiler	99%			2039	* *	1	\$12,900	
Distribution								
Steam Piping/Pump	100%			2046	* *	4	\$1,000	
Terminal Devices								
Convactor/Radiator	100%			2031	* *	1	\$4,200	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2021	\$20,600	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,300	
Exhaust Fans								
Roof	40%			2026	\$4,500	2	\$200	
Wall Unit	60%			2026	\$13,000	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	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.

Maintenance \$ are aggregated over a 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. 271/LADDER CO. 124

Asset # : 13158

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Water Heater Gas Fired	100%			2021	\$3,300	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 75 Gallon Units</i>								
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Submersible	100%			2019	\$7,300	4	\$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System Generic	100%			2024	\$28,500	1-3	\$55,000	

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 : 20-Jul-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,3
Block : 6777 **Lot** : 64 **BIN** : 3182420

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$153,600	
Interior Architecture	\$234,000	
Electrical		\$118,600
Mechanical		\$91,900
Total	\$387,600	\$210,600
Importance Code A	\$153,600	
Importance Code B	\$234,000	\$210,600
Total	\$387,600	\$210,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$80,600		\$1,700	
Interior Architecture	\$154,800			\$1,300
Electrical	\$4,400	\$1,000	\$3,200	\$1,100
Mechanical	\$13,900	\$1,900	\$1,800	\$2,200
Total	\$253,700	\$2,800	\$6,700	\$4,600
Importance Code A	\$81,900	\$1,300	\$3,000	\$1,300
Importance Code B	\$96,900	\$1,500	\$3,700	\$3,300
Importance Code C	\$74,900			
Total	\$253,700	\$2,800	\$6,700	\$4,600



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 276
Asset # : 13162

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	77%	Now	\$5,000	LIFE	**	5	\$8,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Street Facade At Door</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	3%	Now	\$15,100	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	3%	Now	\$14,000	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Metal Sect. OHD	10%			2040	**	5	\$3,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Entrance</i>								
<i>Explanation : Recent Replace Evident</i>								
Wood	7%	Now	\$3,900	2040	**	5	\$1,900	
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Front Facade</i>								
<i>Explanation : Covered With Sheet Metal</i>								
Windows								
Aluminum	100%	Now	\$34,100	2043	**	5	\$1,000	
<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Hardware Missing, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								

Note : 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. 276
Asset # : 13162

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	60%	Now	\$55,400	LIFE	**	5	\$1,000	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Main Roof</i>								
Masonry: Limestone	30%	Now	\$50,200	LIFE	**	5	\$600	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Metal Cornice	10%	Now	\$8,200	2067	**			1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Main Roof</i>								
Roof								
Asphalt Shingle	5%	Now	\$400	2036	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Built-Up (BUR)	95%	Now	\$48,000	2037	**			
<i>Debris Present, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Gravel/Slag Surface, Extent : Moderate, Area Affected : 55%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Main Roof</i>								
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$32,300	LIFE	**	5	\$17,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%	Now	\$3,800	2036	**	5	\$500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	55%	Now	\$90,800	2037	**	3	\$4,000	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 85%</i>								
<i>Location : Throughout</i>								

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 276
Asset # : 13162

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	40%	Now	\$32,800	2036	**	5	\$3,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Concrete Masonry Unit	5%	Now	\$3,300	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	10%	Now	\$17,400	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Plaster	45%	Now	\$21,500	LIFE	**	5	\$2,000	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Hose Tower</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 90%</i>								
<i>Location : Hose Tower</i>								
Ceilings								
Ceramic Tile	35%	Now	\$13,200	LIFE	**	5	\$4,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Steel	35%	Now	\$143,200	LIFE	**			
<i>Deformed/Dented, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Plaster	30%	Now	\$30,600	LIFE	**	5	\$3,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2027	\$4,800	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Switch Rated @ 350 Amperes. Evidence Of Water Penetration Through The Walls In The Basement</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$48,800	5	\$300	

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

FIRE DEPARTMENT - 057
ENGINE CO. 276
Asset # : 13162

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2027	\$28,200	1		
Conduit	10%			2037	* *	1		
Panelboards								
Fused Disc Sw	5%			2035	* *	5		
Molded Case Bkrs	90%			2026	\$34,600	5	\$300	
Molded Case Bkrs	5%			2035	* *	5		
Wiring								
Thermoplastic	90%			2027	\$24,900	1		
Thermoplastic	10%			2037	* *	1		
Motor Controllers								
Locally Mounted	100%			2025	\$14,400	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2032	* *	1	\$4,000	
Generators								
Diesel	100%			2030	* *	1	\$5,000	
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Basement</i>				
				<i>Explanation : Emergency Generator Rated @ 80kva, Exhaust System Of The Generator Is Not Operational</i>				
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$500	
Fuel Storage								
Day Tank	50%			2035	* *	5	\$1,200	
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Basement</i>				
				<i>Explanation : 75 Gallons Rated Capacity</i>				
Main Tank	50%			2030	* *	5	\$200	
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Basement</i>				
				<i>Explanation : 275 Gallons Rated Capacity</i>				
Lighting								
Interior Lighting								
Fluorescent	25%			2022	\$8,800	10	\$3,000	
				<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout The Building</i>				
Fluorescent	70%			2027	\$24,700	10	\$8,300	
				<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout The Building</i>				
Fluorescent	5%			2027	\$1,800	10	\$600	
				<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Basement</i>				

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

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FIRE DEPARTMENT - 057
ENGINE CO. 276
Asset # : 13162

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

Lighting

Egress Lighting								
Emergency, Service	100%			2027	\$6,400	1		
Exterior Lighting								
HID	10%			2027	\$4,900	10		
No Component	90%							

Alarm

Security System								
No Component	90%							
Generic	10%			2027	\$3,900	1	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Cctv Surveillance Cameras</i>								

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

Heating

Energy Source								
Natural Gas	100%			2047	**	1		
Conversion Equipment								
Steam Boiler	100%			2032	**	1	\$12,900	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Chimney</i>								
<i>Explanation : Under Size Boiler</i>								
Distribution								
Steam Piping/Pump	100%			2037	**	4	\$600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : There Is One Thermostat In The Building</i>								
Terminal Devices								
Convactor/Radiator	75%			2025	\$91,900	1	\$3,200	
Unit Heater-Stm/HW	25%			2022	\$21,000	4	\$400	
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Engine Bay</i>								
<i>Explanation : Unit Heaters Serve Engine Bay</i>								

Air Conditioning

Energy Source								
Electricity	100%			2035	**	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 276
Asset # : 13162

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	10%			2027	\$6,000			
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 1 Unit. R-410a</i>							
Window/Wall Unit	50%			2022	\$13,300	1		
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : There Is A Roof Top Ac Unit Sitting On Roof But Never Been Installed.</i>							
Window/Wall Unit	15%	Now	\$4,000	2027	\$4,000	1		
	<i>Obsolete Equipment, Extent : Severe, Area Affected : 15%</i>							
	<i>Location : Various</i>							
No Component	25%							
Terminal Devices								
Fan Coil - Cooling	10%			2027	\$7,500	1	\$400	
No Component	90%							
Heat Rejection								
Evap Condenser	10%			2027	\$800	2	\$900	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	**	2-5	\$1,100	
	<i>Other Observation, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Kitchen Roof</i>							
	<i>Explanation : The Generator Exhaust Duct Needs To Be Extended To Outside Of The Roof</i>							
No Component	90%							
Exhaust Fans								
Roof	10%			2032	**	2		
Roof	25%	Now	\$100	2022	\$2,600	2	\$100	
	<i>Not in Service, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Roof</i>							
Wall Unit	25%			2022	\$4,900	2	\$100	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Water Heater								
Gas Fired	100%			2025	\$3,000	2	\$200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 2 Units, 74 Gallons Each</i>							
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		

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

Maintenance \$ are aggregated over a 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. 276
Asset # : 13162

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost
Type	Total	(Years)	FY	(Yrs)				
Plumbing								
	Sump Pump(s)							
	Submersible	100%			2018	\$6,700	4	\$2,500
Fixtures								
	Generic	100%						

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$156,700
Total		\$156,700
Importance Code A		\$156,700
Total		\$156,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture			\$18,100	\$500
Interior Architecture			\$1,500	\$6,500
Electrical	\$1,100	\$3,200	\$1,200	\$1,400
Mechanical	\$5,400	\$2,400	\$3,300	\$2,500
Total	\$6,500	\$5,600	\$24,000	\$10,900
Importance Code A	\$800	\$800	\$18,900	\$1,300
Importance Code B	\$5,700	\$4,800	\$5,200	\$9,600
Importance Code C				
Total	\$6,500	\$5,600	\$24,000	\$10,900



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 277/LADDER CO. 112
Asset # : 13163

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
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	
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$25,800	
Vinyl Tile	50%			2032	**	3	\$4,400	
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	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : First Floor Near Kitchen</i>								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2041	**			
Parking/Driveway								
Cast in Place Concrete	100%			2041	**			

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

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 277/LADDER CO. 112
Asset # : 13163

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Thermoplastic	100%			2050	**	1		
Motor Controllers								
Locally Mounted	100%			2041	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Connected To Main Water Pipe</i>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	**	1	\$4,900	
Generators								
Diesel	100%			2037	**	1	\$6,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 100 Kva Onan Cummins Genset</i>								
Batteries								
Lead/Acid	100%			2019	\$1,500	5	\$600	
Fuel Storage								
Main Tank	100%			2059	**	5	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 275 Gallons</i>								
Lighting								
Interior Lighting								
Fluorescent	100%			2032	**	10	\$14,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2050	**	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.

FIRE DEPARTMENT - 057
ENGINE CO. 277/LADDER CO. 112

Asset # : 13163

Mechanical	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Conversion Equipment							
Hot Water Boiler	100%			2041	**	1	\$7,800
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement Boiler Room</i>					
		<i>Explanation : 2 Units</i>					
<hr/>							
Distribution							
Hot Wtr Piping/Pump	100%			2046	**	4	\$1,200
<hr/>							
Terminal Devices							
Air Handler	30%			2029	**	1	\$2,900
Convactor/Radiator	40%			2037	**	1	\$2,000
Unit Heater-Stm/HW	30%			2029	**	4	\$400
<hr/>							
Air Conditioning							
Energy Source							
Electricity	100%			2046	**	1	
<hr/>							
Conversion Equipment							
Reciprocating Compr/Chiller	10%			2029	**	1	\$700
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 10%</i>					
		<i>Location : Roof</i>					
<hr/>							
Ext Pkg Unit - Heating/Cooling	80%			2029	**	2	\$800
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 80%</i>					
		<i>Location : Roof</i>					
		<i>Other Observation, Extent : Light, Area Affected : 80%</i>					
		<i>Location : Roof</i>					
		<i>Explanation : 4 Units</i>					
<hr/>							
Window/Wall Unit	10%			2022		1	\$3,200
<hr/>							
Terminal Devices							
Direct Expansion	10%			2029	**	1	
No Component	90%						
<hr/>							
Heat Rejection							
Remote Air Cond	10%			2029	**	2	\$1,100
No Component	90%						
<hr/>							
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,800
<hr/>							
Exhaust Fans							
Roof	100%			2029	**	2	\$500
<hr/>							
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2050	**	1	
<hr/>							
Water Heater							
Gas Fired	100%			2023		2	\$200
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement Boiler Room</i>					
		<i>Explanation : 2 Units</i>					

Note : 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. 277/LADDER CO. 112

Asset # : 13163

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Sanitary Piping Cast Iron	100%	Now	\$700	LIFE	**	1		
<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Leaking From 1st Floor To Basement Boiler Room</i>								
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
Sump Pump(s) Rigid Piping	100%	0-2	\$2,200	2029	**	4	\$1,600	
<i>Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Housing Of The Sump Pump, Basement Boiler Room</i>								
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 Generic	98%							
	2%			2022	\$500	1-3	\$1,000	

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Estimates are rounded to the nearest hundred dollars.

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

Asset Name : ENGINE CO. 279/LADDER CO. 131
Address : 252 LORRAINE STREET
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.279 / 13165 **Yr Built/Renovated** : 1912 / 2011
Area Sq Ft : 10,548 **Project Type** : FIRE DEPARTMENT
Date of Survey : 28-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2,3
Block : 486 **Lot** : 18 **BIN** : 3008207

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Interior Architecture	\$64,900	
Electrical		\$79,600
Mechanical		\$124,800
Total	\$64,900	\$204,400
Importance Code A		\$51,300
Importance Code B		\$153,100
Importance Code C	\$64,900	
Total	\$64,900	\$204,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$41,500		\$10,000	
Interior Architecture	\$60,700		\$2,200	\$700
Electrical	\$10,000			\$100
Mechanical	\$12,200	\$5,500	\$12,200	\$9,600
Total	\$124,400	\$5,500	\$24,500	\$10,400
Importance Code A	\$42,500	\$1,000	\$11,100	\$1,000
Importance Code B	\$72,700	\$4,400	\$13,400	\$9,100
Importance Code C	\$9,200			\$300
Total	\$124,400	\$5,500	\$24,500	\$10,400



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

FIRE DEPARTMENT - 057
ENGINE CO. 279/LADDER CO. 131
Asset # : 13165

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	**	5	\$45,000	
Masonry: Granite	5%			LIFE	**	5	\$2,400	
Masonry: Limestone	10%			LIFE	**	5	\$4,800	
Stucco Cement	5%			2040	**	5	\$4,000	
Wood Overhead Doors	10%			2040	**	5	\$16,100	
Windows								
Aluminum	100%			2043	**	5	\$700	
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	**	5-10	\$10,100	
				<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>				
				<i>Location : All Coping Stones</i>				
Masonry: Brick	70%			LIFE	**	5-10	\$5,700	
				<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>				
				<i>Location : All Parapet Walls</i>				
Roof								
Modified Bitumen	100%	0-2	\$2,900	2032	**			
				<i>Blisters, Extent : Moderate, Area Affected : 20%</i>				
				<i>Location : Throughout</i>				
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	**	5	\$20,700	
Ceramic Tile	5%			2036	**	5	\$800	
Quarry Tile	5%			2040	**	5	\$1,200	
Vinyl Tile	60%			2032	**	3	\$3,600	
Interior Walls								
Ceramic Tile	5%			2036	**	5	\$500	
Masonry: Brick	40%	Now	\$64,900	LIFE	**			
				<i>Spalling, Extent : Severe, Area Affected : 40%</i>				
				<i>Location : Basement</i>				
				<i>Vertical Cracks, Extent : Severe, Area Affected : 5%</i>				
				<i>Location : Bearing Wall At Rear Beam</i>				
Plaster	55%	Now	\$9,200	LIFE	**	5	\$1,700	
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : 3rd Floor</i>				
				<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : 3rd Floor</i>				

Note : 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. 279/LADDER CO. 131
Asset # : 13165

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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%			2040	**	5	\$800	
Exposed Concrete	20%	Now	\$10,100	LIFE	**	5	\$500	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Rear Wall Beam</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Rear Wall Beam</i>								
Plaster	75%	Now	\$31,000	LIFE	**	5	\$7,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 3rd Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 3rd Floor</i>								
<hr/>								
Electrical		Current Repair		Future Replacement		Maintenance		Priority
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	50%			2037	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Disconnect Switch Rated @ 200 Amperes</i>								
Molded Case Bkrs	50%			2027	\$2,400	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Disconnect Switch Rated @ 250 Amperes</i>								
<hr/>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$48,800	5	\$300	
<hr/>								
Raceway								
Conduit	80%			2027	\$25,000	1		
Conduit	20%			2037	**	1		
<hr/>								
Panelboards								
Molded Case Bkrs	80%			2026	\$30,800	5	\$200	
Molded Case Bkrs	20%			2035	**	5	\$100	
<hr/>								
Wiring								
Thermoplastic	20%			2037	**	1		
Thermoplastic	80%			2027	\$22,200	1		
<hr/>								
Ground								
Grounding Devices								
Generic	100%	0-2	\$9,500	LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement Near Water Service</i>								
<i>Explanation : Main Electric Service Ground, Corroded.</i>								
<hr/>								
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.

FIRE DEPARTMENT - 057
ENGINE CO. 279/LADDER CO. 131
Asset # : 13165

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	95%			2027	\$27,100	10	\$9,200	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Fluorescent	5%			2022	\$1,400	10	\$500	
		<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : 1st Floor And Hallways</i>						
Egress Lighting								
Exit, Service	100%			2027	\$1,200	1		
Exterior Lighting								
HID	20%			2022	\$8,000	10		
No Component	80%							
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2037	**	1		
Conversion Equipment								
Steam Boiler	100%			2025	\$51,300	1	\$10,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 4 Units Piped Together</i>						
Distribution								
Steam Piping/Pump	100%			2027	\$73,500	4	\$800	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : 2nd Floor</i>						
		<i>Explanation : There Is Only 1 Thermostat In The Building</i>						
Terminal Devices								
Convactor/Radiator	80%			2032	**	1	\$2,700	
Unit Heater-Stm/HW	20%			2022	\$13,600	4	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Engine Bays</i>						
		<i>Explanation : Unit Heaters Serve Truck Bays</i>						
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	40%			2035	**	2	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 1 Unit. Uses R410 A</i>						
Window/Wall Unit	10%			2022	\$2,200	1		
No Component	50%							

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 279/LADDER CO. 131
Asset # : 13165

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
Distribution									
	Ductwork/Diffusers	50%			LIFE	* *	2-5	\$4,700	
	No Component	50%							
Exhaust Fans									
	Roof	50%			2035	* *	2	\$200	
	Wall Unit	15%			2027	\$2,400	2	\$100	
	No Component	35%							
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2037	* *	1		
	<i>No Water Meter, Extent : Light, Area Affected : 100%</i>								
	<i>Location : Basement</i>								
Water Heater									
	Gas Fired	100%			2022	\$2,500	2	\$200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
	<i>Location : Basement</i>								
	<i>Explanation : 1 Unit 75 Gallons</i>								
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Submersible	100%			2020	\$6,700	4	\$2,500	
Backflow Preventer									
	Generic	100%			2032	* *	1	\$700	
Fixtures									
	Generic	100%							
Fire Suppression									
Chemical System									
	Generic	100%			2022	\$26,100	1-3	\$55,000	

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 : 29-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5155 **Lot** : 4 **BIN** : 3118638

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$177,400	\$64,100
Interior Architecture		\$57,800
Electrical		\$67,300
Mechanical		\$165,700
Total	\$177,400	\$354,900
Importance Code A	\$177,400	\$64,100
Importance Code B		\$290,800
Total	\$177,400	\$354,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$46,200			
Interior Architecture	\$86,300		\$1,200	\$900
Electrical	\$28,900		\$100	\$100
Mechanical	\$27,400	\$1,300	\$1,900	\$1,300
Total	\$188,800	\$1,300	\$3,100	\$2,200
Importance Code A	\$47,200	\$1,000	\$1,000	\$1,000
Importance Code B	\$104,300	\$300	\$900	\$1,200
Importance Code C	\$37,300		\$1,200	
Total	\$188,800	\$1,300	\$3,100	\$2,200



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

FIRE DEPARTMENT - 057
ENGINE CO. 281/LADDER CO. 147
Asset # : 13167

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	\$88,800	LIFE	**	5	\$29,500	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade At Grade</i>								
Masonry: Granite	3%			LIFE	**	5	\$1,800	
Masonry: Limestone	15%			LIFE	**	5	\$8,800	
Slate Panels	2%	2-4	\$8,200	LIFE	**	5	\$600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Window Sills</i>								
Wood Overhead Doors	5%			2032	**	5	\$9,800	
Windows								
Aluminum	100%	Now	\$88,700	2052	**	5	\$1,100	
<i>Unit Inoperable, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Second Floor Bathroom</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Windows Are Old, Single-glazed And Deteriorated. They Should Be Replaced</i>								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	**	5-10	\$5,400	
Masonry: Brick	80%	0-2	\$17,400	LIFE	**	5	\$3,000	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Main Roof</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Street Facade @ Entrance</i>								
Masonry: Sandstone	15%	Now	\$5,000	LIFE	**	5	\$700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Coping Stones</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Coping</i>								
<i>Explanation : Actually Bluestone</i>								
Roof								
Modified Bitumen	100%	Now	\$6,400	2027			\$64,100	
<i>Blisters, Extent : Light, Area Affected : 15%</i>								
<i>Location : Main Roof</i>								
<i>Miss/Damaged Flashings, Extent : Light, Area Affected : 15%</i>								
<i>Location : Main Roof</i>								
<i>Ridging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Upper And Lower Roofs</i>								
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.

FIRE DEPARTMENT - 057
ENGINE CO. 281/LADDER CO. 147
Asset # : 13167

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$12,600	LIFE	**	5	\$13,200	
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Back Up From Storm Drain</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Gymnasium Floor</i>								
Ceramic Tile	15%	Now	\$2,200	2030	**	5	\$1,100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Kitchen</i>								
Vinyl Tile	45%	0-2	\$11,600	2027	\$57,800	3	\$2,600	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Second And Third Floors</i>								
Interior Walls								
Ceramic Tile	10%			2030	**	5	\$2,400	
Masonry: Brick	35%	Now	\$32,100	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Rear And Front Basement Walls</i>								
Plaster	55%	4+	\$5,200	LIFE	**	5	\$3,900	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Roof Hatch</i>								
Ceilings								
AcousTileSusp.Lay-In	25%			2032	**	5	\$3,800	
Exposed Struc: Steel	25%			LIFE	**	10	\$7,600	
Gypsum Board	5%	Now	\$7,600	LIFE	**	5	\$900	
<i>Worn/Eroded, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Kitchen</i>								
Plaster	45%			LIFE	**	5-10	\$11,700	
Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2027	\$4,800	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Enclosure Corroded, Missing Cover. Main Service Switch Rated @ 350 Amperes.</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$48,800	5	\$300	
Raceway								
Conduit	100%			2027	\$31,300	1		
Panelboards								
Fused Disc Sw	2%			2026	\$800	5		
Molded Case Bkrs	48%			2026	\$18,500	5	\$100	
Molded Case Bkrs	50%			2035	**	5	\$100	

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 281/LADDER CO. 147
Asset # : 13167

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Braided Cloth	70%	Now	\$19,400	2052	**	1		
<i>Insulation Aged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	30%			2027	\$8,300	1		
Ground								
Grounding Devices								
Generic	100%	0-2	\$9,500	LIFE	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded</i>								
Lighting								
Interior Lighting								
LED	100%			2035	**			
Exterior Lighting								
HID	20%			2027	\$7,600	10		
No Component	80%							
Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2047	**	1		
Conversion Equipment								
Steam Boiler	100%			2032	**	1	\$10,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Steam Piping/Pump	100%	Now	\$3,500	2027	\$70,400	4	\$500	
<i>Corroded, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement</i>								
Terminal Devices								
Convactor/Radiator	100%			2025	\$95,300	1	\$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		
Conversion Equipment								
Window/Wall Unit	60%	Now	\$1,200	2022	\$12,400	1		
<i>Not in Service, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various</i>								
No Component	40%							
Ventilation								

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FIRE DEPARTMENT - 057
ENGINE CO. 281/LADDER CO. 147
Asset # : 13167

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	**	2-5	\$5,400	
No Component	40%							
Exhaust Fans								
Roof	50%			2032	**	2	\$200	
Wall Unit	20%			2022	\$3,100	2	\$100	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	\$6,000	2037	**	1		
			<i>Corroded, Extent : Severe, Area Affected : 30%</i>					
			<i>Location : Basement</i>					
Water Heater								
Gas Fired	100%			2022	\$2,300	2	\$100	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 2 - 75 Gallon Units</i>					
Sanitary Piping								
Cast Iron	100%	Now	\$6,600	LIFE	**	1		
			<i>Blockage /Clogged, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : Basement</i>					
			<i>Corroded, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : Basement</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Water Pit Fill Up With Soil Completely. Flooding In Basement. Sewage Issue Needs To Be Take Care Urgently!</i>					
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%	Now	\$6,700	2022	\$6,700	4	\$1,600	
			<i>Malfunctioning, Extent : Severe, Area Affected : 30%</i>					
			<i>Location : Basement</i>					
Fixtures								
Generic	100%							

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$54,700	
Electrical		\$27,900
Total	\$54,700	\$27,900
Importance Code A	\$54,700	
Importance Code B		\$27,900
Total	\$54,700	\$27,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$37,800			
Interior Architecture	\$32,300	\$700	\$1,000	
Electrical				\$3,300
Mechanical	\$26,900	\$5,800	\$11,300	\$9,400
Total	\$97,000	\$6,500	\$12,300	\$12,700
Importance Code A	\$38,500	\$700	\$700	\$700
Importance Code B	\$49,800	\$5,900	\$10,600	\$12,000
Importance Code C	\$8,700		\$1,000	
Total	\$97,000	\$6,500	\$12,300	\$12,700



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 282/LADDER CO. 148
Asset # : 13168

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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%	Now	\$54,700	LIFE	**	5	\$18,200	
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Parapet Level, Side Facades</i>								
Masonry: Granite	5%	4+	\$2,700	LIFE	**	5	\$900	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Front Facade.</i>								
Masonry: Limestone	10%			LIFE	**	5	\$1,700	
<i>Staining/Discoloring, Extent : Light, Area Affected : 2%</i>								
<i>Location : Front Facade.</i>								
Metal Sect. OHD	5%			2043	**	5	\$3,500	
Windows								
Aluminum	100%	4+	\$2,600	2048	**	5	\$1,500	
<i>Hardware Missing, Extent : Light, Area Affected : 15%</i>								
<i>Location : 2nd Floor Latches Loose Or Broken</i>								
Parapets								
Masonry: Brick	85%	Now	\$6,500	LIFE	**	5	\$2,300	
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various Throughout.</i>								
Masonry: Limestone	15%	Now	\$4,200	LIFE	**	5	\$500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 15%</i>								
<i>Location : Coping Stones Located Over Cornice At Front Facade</i>								
Roof								
Modified Bitumen	100%	4+	\$20,100	2031	**			
<i>Alligating, Extent : Light, Area Affected : 10%</i>								
<i>Location : All Seams.</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout Roof.</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Lower Roof</i>								
Interior								
Floors								
Cast in Place Concrete	44%			LIFE	**	5	\$14,200	
Ceramic Tile	9%			2039	**	5	\$1,300	
Wood	47%	Now	\$22,900	2054	**	5	\$6,500	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : 2nd And 3rd Floor</i>								
Interior Walls								
Ceramic Tile	10%			2035	**	5	\$2,000	
Gypsum Board	35%			LIFE	**	5	\$4,300	
Masonry: Brick	55%	4+	\$8,700	LIFE	**			
<i>Efflorescence, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 3rd Floor Men's Locker Room.</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement.</i>								

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

FIRE DEPARTMENT - 057
ENGINE CO. 282/LADDER CO. 148
Asset # : 13168

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

Interior

Ceilings

AcousTileSusp.Lay-In	10%			2043	**	5	\$1,500	
Exposed Struc: Steel	20%			LIFE	**			
Gypsum Board	25%			LIFE	**	5	\$4,600	
Plaster	45%			LIFE	**	5	\$4,200	

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2046	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 400 Amps.</i>								

Switchgear / Switchboard

Fused Disc Sw	100%			2046	**	5	\$100	
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Raceway

Conduit	100%			2046	**	1		
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Panelboards

Fused Disc Sw	30%			2034	**	5	\$100	
Molded Case Bkrs	70%			2042	**	5	\$300	

Wiring

Thermoplastic	100%			2046	**	1		
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Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$200	
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Lighting

Interior Lighting

Fluorescent	75%			2026	\$27,900	10	\$9,500	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

Fluorescent	25%			2031	**	10	\$3,200	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement And First Floor</i>								

Egress Lighting

Exit, LED	100%			2041	**	1		
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Exterior Lighting

HID	100%			2031	**	10		
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Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Heating

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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FIRE DEPARTMENT - 057
ENGINE CO. 282/LADDER CO. 148
Asset # : 13168

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2046	**	1		
Conversion Equipment								
Furnace	50%			2031	**	1	\$3,400	
Hot Water Boiler	50%			2039	**	1	\$3,400	
Distribution								
Ductwork/Diffusers	50%			LIFE	**	2-5	\$3,800	
			<i>Needs Cleaning, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Hot Wtr Piping/Pump	50%	Now	\$1,700	2042	**	4	\$300	
			<i>Leak Evident, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Radiator Valves</i>					
Terminal Devices								
Convactor/Radiator	100%			2039	**	1	\$4,400	
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	Now	\$4,500	2031	**	2	\$700	
			<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Ongoing Control Problems</i>					
Distribution								
Ductwork/Diffusers	75%	Now	\$10,900	LIFE	**	2	\$13,400	
			<i>Needs Cleaning, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Ductwork/Diffusers	25%			LIFE	**	2	\$4,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,700	
Exhaust Fans								
Roof	40%			2026	\$4,400	2	\$200	
Roof	60%			2031	**	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	**	1		
Water Heater								
Gas Fired	100%	Now	\$300	2024	\$3,200	2	\$200	
			<i>Malfunctioning, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Circulating Pump Seized</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 2 - 100 Gallon Units</i>					
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 282/LADDER CO. 148
Asset # : 13168

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	\$2,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Duplex Unit With Alarm</i>						
Backflow Preventer								
Generic	100%			2031	* *	1	\$800	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2024	\$26,100	1-3	\$55,000	

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Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 : 26-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3580 **Lot** : 20 **BIN** : 3081953

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$664,200	
Interior Architecture	\$40,900	\$48,600
Electrical		\$149,200
Total	\$705,100	\$197,700
Importance Code A	\$664,200	
Importance Code B	\$40,900	\$197,700
Total	\$705,100	\$197,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$27,500			
Interior Architecture	\$75,200		\$1,800	\$700
Electrical	\$10,900	\$800	\$2,400	\$1,500
Mechanical	\$15,300	\$5,200	\$10,500	\$9,100
Total	\$129,000	\$6,000	\$14,800	\$11,400
Importance Code A	\$28,100	\$600	\$600	\$600
Importance Code B	\$75,100	\$5,400	\$13,500	\$10,800
Importance Code C	\$25,800		\$700	
Total	\$129,000	\$6,000	\$14,800	\$11,400



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FIRE DEPARTMENT - 057
ENGINE CO. 283
Asset # : 13169

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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%	0-2	\$104,700	LIFE	**	5	\$17,400	
<i>Vegetation Growth, Extent : Severe, Area Affected : 50%</i>								
<i>Location : South, East And North Facades.</i>								
Metal/Glass Curt Wall	10%	Now	\$393,300	LIFE	**	5	\$4,700	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Kitchen, Workout Room</i>								
<i>Deformed/Dented, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Kitchen, Workout Room</i>								
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Kitchen, Workout Room</i>								
Wood Overhead Doors	20%	Now	\$62,700	2040	**	5	\$12,400	
<i>Split/Cracked, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Entry Facade</i>								
Windows								
Aluminum	100%	Now	\$56,100	2052	**	5	\$700	
<i>Bent/Warped Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Parapets								
Concrete Masonry Unit	70%			LIFE	**	5-10	\$12,200	
Metal Panel	30%			2047	**	5	\$3,700	

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 283
Asset # : 13169

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	5%	Now	\$3,500	2042	**			1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Lower Roof - Rear Yard</i>								
Metal Panel	5%	0-2	\$3,400	2040	**			
<i>Deteriorated Finish, Extent : Severe, Area Affected : 90%</i>								
<i>Location : Side Yard</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Side Yard</i>								
Single Ply Membrane	80%	Now	\$10,900	2032	**			
<i>Blisters, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Main And Lower Roofs</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Lower Roof</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations, Upper/ Lower Roofs</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Lower Roof @ Drains</i>								
Sloped Glazing	10%	Now	\$47,500	LIFE	**	5	\$27,100	
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Glazing Clouded, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North Facade And Above Gymnasium</i>								
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	**	5	\$50,100	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%			2030	**	5	\$1,000	
Quarry Tile	5%			2040	**	5	\$1,400	
Vinyl Tile	30%			2027		3	\$48,600	\$2,900
Interior Walls								
Cast in Place Concrete	10%			LIFE	**	10	\$6,600	
Ceramic Tile	5%			2040	**	5	\$1,300	
Concrete Masonry Unit	42%	4+	\$12,200	LIFE	**	5	\$4,400	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd Floor Corridor</i>								
Gypsum Board	8%			LIFE	**	5-10	\$3,600	
Plaster	10%			LIFE	**	5-10	\$2,200	
SGFT/Glazed Masonry	25%			LIFE	**	10	\$3,300	

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FIRE DEPARTMENT - 057
ENGINE CO. 283
Asset # : 13169

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileConcealSpLn	10%	4+	\$3,000	2032	**	5	\$1,200	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd Floor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 2nd Floor</i>								
AcousTileSusp.Lay-In	55%	Now	\$40,900	2040	**	5	\$5,100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Exposed Concrete	35%	Now	\$20,700	LIFE	**	5	\$1,000	
<i>Paint Peeling, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Apparatus Room At Doors</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2027	\$4,800	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Rated @ 350 Amperes.</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$48,800	5	\$300	
Raceway								
Conduit	90%			2027	\$28,200	1		
Conduit	10%			2047	**	1		
Panelboards								
Molded Case Bkrs	90%			2026	\$34,600	5	\$300	
Molded Case Bkrs	10%			2043	**	5		
Wiring								
Thermoplastic	90%			2027	\$24,900	1		
Thermoplastic	10%			2047	**	1		
Motor Controllers								
Locally Mounted	100%			2025	\$14,400	5	\$100	
Ground								
Grounding Devices								
Generic	100%	2-4	\$9,500	LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded</i>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2025	\$4,800	1	\$3,700	

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FIRE DEPARTMENT - 057
ENGINE CO. 283
Asset # : 13169

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Generators								
Diesel	100%			2023	\$65,700	1	\$4,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : No Available Nameplate Rating Capacity</i>								
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$400	
Fuel Storage								
Day Tank								
	50%			2026	\$400	5	\$1,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 10 Gallons Rated Capacity</i>								
Underground Storage								
	50%			LIFE	**	5	\$700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : No Available Nameplate Rating Capacity</i>								
Lighting								
Interior Lighting								
LED	100%			2035	**			
Egress Lighting								
Emergency, Service	100%			2035	**	1		
Exterior Lighting								
HID	20%			2035	**	10		
No Component	80%							
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2047	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2044	**	1	\$5,900	
Distribution								
Hot Wtr Piping/Pump	100%			2035	**	4	\$900	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : There Is Only 1 Thermostat In The Building</i>								
Terminal Devices								
Convactor/Radiator	75%			2032	**	1	\$2,900	
Unit Heater-Stm/HW	25%			2027	\$19,200	4	\$400	
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 283
Asset # : 13169

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Exterior Pkg Unit - Cooling	40%	Now	\$1,100	2032	**	2	\$200	
	<i>Not in Service, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : 1 Unit, Roof</i>							
	<i>Other Observation, Extent : Light, Area Affected : 40%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 3 Units. R-410a</i>							
Window/Wall Unit	20%			2020	\$4,900	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$10,500	
Exhaust Fans								
Roof	80%			2027	\$7,600	2	\$300	
Wall Unit	20%			2027	\$3,600	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Water Heater								
Gas Fired	100%			2022	\$2,800	2	\$200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 2 - 75 Gallon Units</i>							
Sanitary Piping								
Cast Iron	100%	Now	\$1,300	LIFE	**	1		
	<i>Blockage /Clogged, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Water Backup In Basement</i>							
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2027	\$13,900	1-2	\$300	
Chemical System								
Generic	100%			2022	\$26,100	1-3	\$55,000	

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Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$120,900	\$73,400
Interior Architecture		\$82,900
Electrical	\$39,000	\$87,300
Total	\$160,000	\$243,600
Importance Code A	\$120,900	\$73,400
Importance Code B	\$39,000	\$87,300
Importance Code C		\$82,900
Total	\$160,000	\$243,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$79,400	\$10,800		
Interior Architecture	\$126,200	\$400		\$900
Electrical	\$9,900	\$27,200		
Mechanical	\$18,800	\$19,500	\$4,600	\$1,800
Total	\$234,300	\$57,900	\$4,600	\$2,600
Importance Code A	\$80,400	\$11,900	\$1,000	\$1,000
Importance Code B	\$78,300	\$46,000	\$3,500	\$1,600
Importance Code C	\$75,600			
Total	\$234,300	\$57,900	\$4,600	\$2,600



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FIRE DEPARTMENT - 057
ENGINE CO. 284/LADDER CO. 149
Asset # : 13170

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	70%	0-2	\$120,900	LIFE	**	5	\$20,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	5%	0-2	\$16,900	LIFE	**	5	\$1,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	10%	0-2	\$34,700	LIFE	**	5	\$2,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wood Overhead Doors	15%			2029	**	5	\$21,500	
Windows								
Aluminum	100%	Now	\$14,500	2046	**	5	\$1,700	
<i>Air Infiltration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Second Floor</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor</i>								
Parapets								
Cast Stone/Terra Cotta	20%	2-4	\$8,500	LIFE	**	5	\$5,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Stucco Cement	80%			2037	**	5	\$6,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Roof								
Asphalt Shingle	10%	0-2	\$1,000	2027	\$4,800			
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Modified Bitumen	90%	0-2	\$3,700	2024	\$73,400			
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

Interior

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FIRE DEPARTMENT - 057
ENGINE CO. 284/LADDER CO. 149
Asset # : 13170

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
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%	Now	\$17,800	2029	**	3	\$2,600	
<i>Adhesion Failure, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Second Floor</i>								
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 50%</i>								
<i>Location : Third Floor</i>								
Interior Walls								
Ceramic Tile	5%	Now	\$33,200	2039	**	5	\$600	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : All Toilet Rooms</i>								
Ceramic Tile	10%			2027	\$82,900	5	\$2,400	
Masonry: Brick	35%	0-2	\$32,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Plaster	50%	0-2	\$9,600	LIFE	**	5	\$3,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileSusp.Lay-In	35%	Now	\$24,700	2037	**	5	\$3,100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : 3rd Floor</i>								
Exposed Struc: Steel	30%			LIFE	**			
Plaster	35%	0-2	\$8,000	LIFE	**	5	\$3,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	**			
On-Site Walkways								
Cast in Place Concrete	100%			2029	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Sides Of Building</i>								
<i>Explanation : Two Walkways</i>								
Parking/Driveway								
Cast in Place Concrete	100%			2041	**			

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

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FIRE DEPARTMENT - 057
ENGINE CO. 284/LADDER CO. 149
Asset # : 13170

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$4,800	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement Service Room</i>								
<i>Explanation : 200 Amp Service Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$48,800	5	\$300	
Raceway								
Conduit	100%			2024	\$31,300	1		
Panelboards								
Molded Case Bkrs	100%			2023	\$38,500	5	\$300	
Wiring								
Thermoplastic	100%			2024	\$27,700	1		
Motor Controllers								
Locally Mounted	50%			2022	\$7,200	5		
Motor Control Center	50%			2022	\$7,200	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Water Main</i>								
Lighting								
Interior Lighting								
Fluorescent	35%	2-4	\$9,800	2034	**			
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : Old Fixtures Not Working / T-12 Lamps</i>								
Fluorescent	65%			2019	\$18,200	10	\$6,200	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Egress Lighting								
Exit, Service	60%			2019	\$700	1		
Exit, Battery	40%			2019	\$1,500	10	\$300	
Exterior Lighting								
HID	100%			2019	\$39,000	10		

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

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FIRE DEPARTMENT - 057
ENGINE CO. 284/LADDER CO. 149
Asset # : 13170

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment Steam Boiler	100%			2041	**	1	\$10,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One Unit</i>								
Distribution Steam Piping/Pump	100%	Now	\$3,600	2044	**	4	\$500	
<i>Steam Traps Faulty, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Terminal Devices Convactor/Radiator	100%	Now	\$4,900	2029	**	1	\$3,000	
<i>Leak Evident, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Conference Room</i>								
Air Conditioning								
Energy Source Electricity	100%			2040	**	1		
Conversion Equipment Window/Wall Unit	50%			2019		1	\$10,600	
No Component	50%							
Distribution Ductwork/Diffusers	50%			LIFE	**	2	\$6,700	
No Component	50%							
Terminal Devices Direct Expansion	50%	Now	\$400	2029	**	1		
<i>Leak Evident, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Condensate On 3rd Floor Ceiling</i>								
No Component	50%							
Heat Rejection Air Condenser Unit	50%	Now	\$300	2024		2	\$2,900	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Roof</i>								
<i>Explanation : Not Installed Properly</i>								
No Component	50%							
Ventilation								
Distribution Ductwork/Diffusers	50%			LIFE	**	2-5	\$2,900	
No Component	50%							
Exhaust Fans Roof	10%	Now	\$800	2034	**	2		
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								
Wall Unit No Component	10%			2024		2	\$1,600	
	80%							
Plumbing								
H/C Water Piping Galv Iron/Steel	100%			2041	**	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 284/LADDER CO. 149
Asset # : 13170

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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		
		<i>Blockage /Clogged, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Apparatus Floor, Floor Drain</i>						
Sump Pump(s)								
Submersible	100%	Now	\$6,700	2019	\$6,700	4	\$1,600	
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
Fixtures								
Generic	100%							
		<i>Obsolete Fixtures, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Kitchen</i>						
Fire Suppression								
Chemical System								
No Component	90%							
Generic	10%			2022	\$2,600	1-3	\$5,100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Fire Extinguishers</i>						

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$58,600
Interior Architecture	\$214,600	
Electrical		\$38,500
Total	\$214,600	\$97,100
Importance Code A		\$58,600
Importance Code B	\$155,500	\$38,500
Importance Code C	\$59,100	
Total	\$214,600	\$97,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$27,800	\$6,400		
Interior Architecture	\$86,000			\$2,200
Electrical	\$10,800	\$400	\$500	\$9,500
Mechanical	\$50,300	\$8,800	\$2,400	\$5,300
Total	\$174,900	\$15,600	\$2,900	\$17,100
Importance Code A	\$28,800	\$7,400	\$1,000	\$1,000
Importance Code B	\$113,000	\$8,200	\$1,900	\$16,000
Importance Code C	\$33,000			
Total	\$174,900	\$15,600	\$2,900	\$17,100



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 285/LADDER CO. 142
Asset # : 13171

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 Stone/Terra Cotta	10%	Now	\$8,900	LIFE	**	5	\$21,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Window Sills On Various Floors</i>								
Masonry: Brick	70%			LIFE	**	5	\$19,200	
Masonry: Limestone	5%			LIFE	**	5	\$1,000	
Metal Sect. OHD	15%			2039	**	5	\$12,900	
Windows								
Aluminum	100%	Now	\$11,500	2034	**	5	\$300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 2%</i>								
<i>Location : 2nd Floor, Rear Wall.</i>								
Parapets								
Masonry: Brick	90%			LIFE	**	5	\$900	
Metal Panel	10%	Now	\$1,500	2046	**	5	\$200	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 65%</i>								
<i>Location : Various Locations Around Roof</i>								
Roof								
Metal, Corrugated	5%			2031	**	1		
Modified Bitumen	95%	Now	\$5,900	2026	\$58,600			
<i>Recent Replace Evident, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over 3rd Floor Gymnasium</i>								

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.

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FIRE DEPARTMENT - 057
ENGINE CO. 285/LADDER CO. 142
Asset # : 13171

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								
Floors								
Cast in Place Concrete	30%	Now	\$23,600	LIFE	**	5	\$9,900	
<i>Drains Clogged, Extent : Light, Area Affected : 2%</i>								
<i>Location : Apparatus Floor.</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Apparatus Floor.</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Apparatus Room Floor</i>								
<i>Explanation : Depressions. Temporary Support In Place.</i>								
Ceramic Tile	6%	Now	\$10,500	2041	**	5	\$500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : All Bathroom Floors</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : All Bathroom Floors</i>								
<i>Explanation : Need Replacement</i>								
Quarry Tile	5%	Now	\$10,900	2039	**	5	\$600	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Kitchen</i>								
Vinyl Tile	50%	Now	\$64,200	2036	**	3	\$2,800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
<i>Uneven Substrate, Extent : Severe, Area Affected : 2%</i>								
<i>Location : 3rd Floor Gymnasium</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2nd And 3rd Floors</i>								
<i>Explanation : Tiles Are Old And Worn</i>								
Wood	9%			2061	**	5	\$2,600	

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

Maintenance \$ are aggregated over a 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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%	Now	\$21,100	2041	**	5	\$400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : All Bathroom Floors</i>								
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : All Bathroom Floors</i>								
Masonry: Brick	10%	0-2	\$3,000	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Apparatus Floor.</i>								
Masonry: Brick	10%	Now	\$5,900	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Plaster	50%	0-2	\$3,100	LIFE	**	5	\$2,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various Locations</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Locations</i>								
SGFT/Glazed Masonry	25%	Now	\$59,100	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Apparatus Floor</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Apparatus Floor</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Apparatus Floor</i>								

Note : 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. 285/LADDER CO. 142
Asset # : 13171

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$1,300	2046	**	5	\$400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
Exposed Concrete	30%	Now	\$91,300	LIFE	**	5	\$700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement.</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement.</i>								
<i>Spalling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded Steel Structure; Shoring Members Help Support Steel Structure Below Apparatus Floor.</i>								
Plaster	65%	Now	\$6,700	LIFE	**	5	\$6,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : First And Third Floors</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Third Floor</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 400 Amps. Service</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2046	**	5	\$300	
Raceway								
Conduit	15%			2046	**	1		
Conduit	85%			2026	\$26,600	1		
Panelboards								
Molded Case Bkrs	100%			2025	\$38,500	5	\$300	
Wiring								
Thermoplastic	100%			2036	**	1		
Motor Controllers								
Locally Mounted	20%			2031	**	5		
No Component	80%							

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FIRE DEPARTMENT - 057
ENGINE CO. 285/LADDER CO. 142
Asset # : 13171

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	**	1	\$3,100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : For Portable Generator.</i>						
Lighting								
Interior Lighting								
Fluorescent	90%			2031	**	10	\$8,300	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Fluorescent	9%			2026	\$2,500	10	\$800	
		<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Incandescent	1%			2021	\$600	2		
		<i>Obsolete Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Tv Room</i>						
Exterior Lighting								
HID	50%			2026	\$19,100	10		
No Component	50%							
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	4+	\$10,500	2036	**	1-3	\$600	
		<i>Local/Battery Operated Detect, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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	
		<i>Insul. Deteriorating, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Basement</i>						

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FIRE DEPARTMENT - 057
ENGINE CO. 285/LADDER CO. 142

Asset # : 13171

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Terminal Devices								
Convector/Radiator	80%	4+	\$30,500	2043	**	1	\$2,300	
<i>Corroded, Extent : Light, Area Affected : 30%</i>								
<i>Location : 2nd And 3rd Floors</i>								
Unit Heater-Stm/HW	20%			2026	\$13,000	4	\$300	
<i>Abandoned in Place, Extent : Light, Area Affected : 40%</i>								
<i>Location : 1st Floor And 3rd Floor</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Window/Wall Unit	75%			2024	\$15,600	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,600	
Exhaust Fans								
Interior	10%	Now	\$1,100	2036	**	2		
<i>Abandoned in Place, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 1st Floor General Exhaust</i>								
Interior	40%			2026	\$4,500	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Kitchen Hood</i>								
<i>Explanation : No System</i>								
Roof	50%			2021	\$4,000	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2026	\$15,100	1		
Galv Iron/Steel	50%	Now	\$9,000	2043	**	1		
<i>Leak Evident, Extent : Severe, Area Affected : 30%</i>								
<i>Location : 2nd And 3rd Floor Bathrooms</i>								
Water Heater								
Gas Fired	100%			2024	\$2,300	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 75 Gallon Units</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%	Now	\$8,500	LIFE	**	1		
<i>Blockage /Clogged, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Roof Drain, 1st Floor Drain</i>								
<i>Corroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Sump Pump(s)								
Submersible	100%			2019	\$6,700	4	\$2,500	

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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. 285/LADDER CO. 142
Asset # : 13171

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Plumbing									
	Fixtures								
	Generic	100%							

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 : 25-Apr-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 10464 **Lot** : 25 **BIN** : 4222434

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$172,700	
Interior Architecture		\$51,300
Mechanical		\$55,600
Total	\$172,700	\$107,000
Importance Code A	\$172,700	
Importance Code B		\$107,000
Total	\$172,700	\$107,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$22,600			\$1,200
Interior Architecture	\$83,700			\$1,100
Electrical	\$100		\$100	
Mechanical	\$19,200	\$5,100	\$6,200	\$9,300
Total	\$125,700	\$5,100	\$6,300	\$11,600
Importance Code A	\$23,500	\$800	\$900	\$2,000
Importance Code B	\$67,300	\$4,300	\$5,400	\$9,600
Importance Code C	\$34,900			
Total	\$125,700	\$5,100	\$6,300	\$11,600



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

FIRE DEPARTMENT - 057
ENGINE CO. 301/LADDER CO. 150
Asset # : 13186

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	80%	0-2	\$172,700	LIFE	**	5	\$19,100	
<i>Repointing Failure, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Side/ Rear Facades And Hose Tower</i>								
Granite Panels	10%			LIFE	**	5	\$3,600	
Wood Overhead Doors	10%			2032	**	5	\$11,900	
Windows								
Aluminum	25%			2043	**	5	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Protective Metal Grilles</i>								
Aluminum	75%	0-2	\$7,900	2035	**	5	\$900	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Upper Story Windows</i>								
Parapets								
Masonry: Brick	20%			LIFE	**	5-10	\$900	
Masonry: Granite	80%			LIFE	**	5-10	\$7,000	
<i>Repointing Failure, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd Floor Parapet And Hose Tower</i>								
Roof								
Asphalt Shingle	80%	Now	\$5,500	2036	**			
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Crickets At Hose Tower</i>								
Copper/Terne	5%			2055	**	10	\$1,200	
Roll Roofing	15%			2026		5	\$2,500	
Interior								
Floors								
Cast in Place Concrete	35%	2-4	\$22,000	LIFE	**	5	\$9,300	
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Apron Of Apparatus Room - Into Basement Tool Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Below Apparatus Room</i>								
<i>Explanation : Structurally Insufficient</i>								
Ceramic Tile	5%			2036	**	5	\$600	
Vinyl Tile	50%			2027		3	\$3,000	
Wood	10%			2042	**	5	\$2,300	

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 301/LADDER CO. 150
Asset # : 13186

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	\$15,900	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Hose Tower</i>								
<i>Diagonal Cracks, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Hose Tower</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Hose Tower</i>								
Gypsum Board	20%	Now	\$4,200	LIFE	**	5	\$2,000	
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Stair To Third Floor, Locker Room, Engine Officers Bedroom</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Stair To Third Floor</i>								
<i>Explanation : Mold</i>								
Masonry: Brick	10%			LIFE	**	10	\$500	
Plaster	15%	Now	\$10,100	LIFE	**	5	\$800	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Hose Tower And Third Floor Stair</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Hose Tower, Pole Hole And Various Locations Throughout</i>								
SGFT/Glazed Masonry	50%			LIFE	**	10	\$4,200	
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$400	2044	**	5	\$300	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Locker Room</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Dormitory</i>								
Exposed Concrete	5%	Now	\$1,700	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Hose Tower</i>								
Gypsum Board	15%			LIFE	**	5-10	\$5,400	
Plaster	75%	Now	\$20,600	LIFE	**	5	\$4,900	
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Hose Tower, Locker Room, Engine Officers Bedroom, Stair</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2037	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Switch Rated @ 400 Amperes</i>								

Note : 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. 301/LADDER CO. 150
Asset # : 13186

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2037	**	5	\$300	
Raceway								
Conduit	100%			2037	**	1		
Panelboards								
Molded Case Bkrs	100%			2035	**	5	\$300	
Wiring								
Thermoplastic	100%			2037	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	99%			2027	\$26,700	10	\$9,100	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Incandescent	1%			2022	\$600	2		
Egress Lighting								
Emergency, Battery	10%			2027	\$1,300	10	\$200	
Exit, Service	90%			2027	\$1,000	1		
Exterior Lighting								
HID	20%			2027	\$7,500	10		
No Component	80%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	20%			2037	**	1		
Natural Gas	80%			2037	**	1		
Conversion Equipment								
Heat Pump	20%			2028	**	2	\$600	
		<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : 3rd Floor</i>						
		<i>Explanation : 4 Units</i>						
Steam Boiler	80%			2040	**	1	\$7,900	
		<i>Other Observation, Extent : Light, Area Affected : 80%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Steam Piping/Pump	80%			2027	\$55,600	4	\$600	
No Component	20%							
Terminal Devices								
Convactor/Radiator	80%			2032	**	1	\$2,600	
Fan Coil Unit/Heat	20%			2032	**	1	\$600	

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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. 301/LADDER CO. 150
Asset # : 13186

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		
Conversion Equipment								
Split Unit	20%			2032	**			
<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>								
<i>Location : 5 Units. Various</i>								
Window/Wall Unit	50%			2022	\$10,200	1		
No Component	30%							
Distribution								
Ductwork/Diffusers	20%			LIFE	**	2	\$3,200	
No Component	80%							
Terminal Devices								
Direct Expansion	20%			2032	**	1		
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2032	**	2	\$1,400	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	**	2-5	\$3,500	
No Component	60%							
Exhaust Fans								
Roof	10%	Now	\$100	2027	\$800	2		
<i>Malfunctioning, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Kitchen Fan, Roof</i>								
Wall Unit	60%			2027	\$9,000	2	\$200	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Water Heater								
Gas Fired	100%			2025	\$2,300	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 75 Gallon Units</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2018	\$6,700	4	\$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2022	\$26,100	1-3	\$55,000	

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$42,200	
Interior Architecture	\$42,600	
Electrical		\$35,600
Total	\$84,800	\$35,600
Importance Code A	\$42,200	
Importance Code B	\$42,600	\$35,600
Total	\$84,800	\$35,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$76,500	\$7,800		\$26,300
Interior Architecture	\$46,700	\$1,100		\$1,300
Electrical	\$900	\$1,200	\$2,800	\$5,700
Mechanical	\$13,100	\$5,500	\$6,700	\$21,600
Total	\$137,300	\$15,600	\$9,400	\$54,900
Importance Code A	\$77,800	\$9,000	\$1,300	\$27,600
Importance Code B	\$47,900	\$5,900	\$8,200	\$27,200
Importance Code C	\$11,600	\$700		
Total	\$137,300	\$15,600	\$9,400	\$54,900



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 33/LADDER CO. 9
Asset # : 13021

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	**	5	\$28,900	
Masonry: Granite	5%	Now	\$14,300	LIFE	**	5	\$1,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Granite Panels Adjacent To Overhead Door Openings</i>								
Masonry: Limestone	10%	0-2	\$26,500	LIFE	**	5	\$3,300	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Front Facade</i>								
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	85%	Now	\$42,200	LIFE	**	5	\$1,100	1
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Main Roof</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Main Roof</i>								
<i>Parge/Tar Separating, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Main Roof Parapets</i>								
Masonry: Sandstone	15%	Now	\$19,000	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Coping Stones Have Failed And Need To Be Replaced.</i>								
Roof								
Asphalt Shingle	20%			2029	**	10	\$400	
Copper/Terne	20%			2041	**	10	\$6,200	
Roll Roofing	60%	2-4	\$16,800	2028	**	5	\$6,200	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Main Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 3rd Floor Ceiling</i>								
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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** Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057
ENGINE CO. 33/LADDER CO. 9
Asset # : 13021

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$4,200	LIFE	**	5	\$16,100	
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Apparatus Floor</i>								
<i>Explanation : Epoxy Paint Finish Is Cracking</i>								
Ceramic Tile	5%			2039	**	5	\$900	
<i>Recent Replace Evident, Extent : Light, Area Affected : 70%</i>								
<i>Location : 2nd And 3rd Floor Bathrooms</i>								
Quarry Tile	5%			2031	**	5	\$1,400	
Vinyl Tile	25%	Now	\$42,600	2036	**	3	\$1,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : 2nd Floor</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : 2nd Floor</i>								
<i>Uneven Substrate, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 2nd Floor</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : Vinyl Tiles Are Very Old, Deteriorated And Should Be Replaced.</i>								
Wood	25%	0-2	\$16,500	2054	**	5	\$4,300	
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Attic</i>								
Interior Walls								
Ceramic Tile	5%			2039	**	5	\$1,400	
<i>Recent Replace Evident, Extent : Light, Area Affected : 70%</i>								
<i>Location : 2nd And 3rd Floor Bathrooms</i>								
Gypsum Board	5%			LIFE	**	5	\$800	
Masonry: Brick	20%	Now	\$11,600	LIFE	**			
<i>Diagonal Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : 4th Floor/ Attic Space</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : 4th Floor/ Attic Space</i>								
Plaster	45%			LIFE	**	5	\$3,700	
<i>Paint Peeling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	25%			LIFE	**			
Ceilings								
Embossed Metal	75%	0-2	\$14,200	LIFE	**	5	\$6,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : All Floors</i>								
Gypsum Board	5%	Now	\$200	LIFE	**	5	\$1,200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Basement Bathroom</i>								
Masonry: Infill Arch	20%			LIFE	**			
Site Pavements								

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Estimates are rounded to the nearest hundred dollars.

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

FIRE DEPARTMENT - 057
ENGINE CO. 33/LADDER CO. 9
Asset # : 13021

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	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		Priority
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

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 400 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

\$200

Stand-by Power

Transfer Switches

Automatic

100%

2039

* *

1

\$3,900

Generators

Diesel

100%

2035

* *

1

\$4,900

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 62 Kw Generator*

Batteries

Lead/Acid

100%

2020

\$1,600

5

\$500

Fuel Storage

Main Tank

100%

2054

* *

5

\$400

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 75 Gallon Tank*

Lighting

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FIRE DEPARTMENT - 057
ENGINE CO. 33/LADDER CO. 9
Asset # : 13021

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	95%			2026	\$35,600	10	\$11,000	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Incandescent	5%			2021	\$4,400	2		
Egress Lighting								
Exit, Service	20%			2021	\$300	1		
No Component	80%							
Exterior Lighting								
HID	50%			2031	**	10		
No Component	50%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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								
Convactor/Radiator	90%			2031	**	1	\$3,700	
Unit Heater-Stm/HW	10%			2026	\$8,900	4	\$200	
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Window/Wall Unit	30%			2021	\$8,500	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,100	
Exhaust Fans								
Roof	30%	Now	\$3,300	2036	**	2	\$100	
		<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Kitchen Grill</i>						
		<i>Noisy/Vibrating, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Kitchen Grill</i>						
Roof	70%			2031	**	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	**	1		
		<i>Booster Pump w/Tank, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						

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

FIRE DEPARTMENT - 057
ENGINE CO. 33/LADDER CO. 9
Asset # : 13021

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Water Heater Gas Fired	100%			2021	\$3,200	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 75 Gallon Units</i>								
<hr/>								
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
<hr/>								
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
<hr/>								
Fixtures								
Generic	100%							
<hr/>								
Fire Suppression								
Chemical System Generic	100%			2024	\$28,500	1-3	\$55,000	
<hr/>								

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 : 13-Jul-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 1773 **Lot** : 33 **BIN** : 1054465

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$142,500	
Interior Architecture		\$50,600
Electrical		\$118,800
Total	\$142,500	\$169,400
Importance Code A	\$142,500	
Importance Code B		\$169,400
Total	\$142,500	\$169,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$37,100	\$3,300	\$3,500	
Interior Architecture	\$60,400			\$1,100
Electrical	\$400	\$100	\$200	\$300
Mechanical	\$20,900	\$4,900	\$5,000	\$9,000
Total	\$118,800	\$8,300	\$8,700	\$10,400
Importance Code A	\$37,600	\$3,800	\$4,000	\$500
Importance Code B	\$65,600	\$4,400	\$4,600	\$9,900
Importance Code C	\$15,500			
Total	\$118,800	\$8,300	\$8,700	\$10,400



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

FIRE DEPARTMENT - 057
ENGINE CO. 35/LADDER 14/ BATTALION 12
Asset # : 13023

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	45%			LIFE	**	5	\$11,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Split Faced Finish</i>								
Masonry: Brick	43%	0-2	\$13,500	LIFE	**	5	\$9,000	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Base Perimeter Of Building At Grade</i>								
Metal Panel	2%			2037	**	5-10	\$2,900	
Metal Sect. OHD	10%			2044	**	5	\$6,500	
Windows								
Aluminum	100%	Now	\$49,500	2052	**	5	\$600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Second Floor</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Parapets								
Concrete Masonry Unit	45%	Now	\$7,800	LIFE	**	5	\$1,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Outer Parapet Wall</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Underside Of Coping</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Corners - Outer Parapet Wall</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Split Faced Finish</i>								
Masonry: Brick	40%			LIFE	**	5-10	\$7,500	
Pre-Cast Concrete	10%			LIFE	**	5	\$3,400	
Stucco Cement	5%	2-4	\$1,100	2040	**	5	\$200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout Parapet</i>								

Note : 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 Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Modified Bitumen	95%	Now	\$93,000	2037		**		
<i>Blisters, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Main Roof</i>								
<i>Drains Inad/Misposn, Extent : Light, Area Affected : 10%</i>								
<i>Location : Main Roof</i>								
<i>Miss/Damaged Flashings, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Both Roofs</i>								
<i>Ponding, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Soft Spots - Upper And Lower Roofs</i>								
<i>Ridging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Main Roof Under Rooftop Units</i>								
Roll Roofing	5%			2020	\$3,500	5	\$1,400	
Interior								
Floors								
Cast in Place Concrete	20%	4+	\$3,100	LIFE		**	5	\$6,500
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Apparatus Room</i>								
Cast in Place Concrete	20%			LIFE		**	5	\$13,000
Ceramic Tile	5%			2023	\$14,400	**	5	\$700
Ceramic Tile	5%			2036		**	5	\$700
Quarry Tile	10%			2032		**	5	\$2,200
Vinyl Tile	40%	Now	\$5,100	2027	\$50,600	**	3	\$2,200
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Ceramic Tile	5%	Now	\$2,800	2030		**	5	\$500
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : First And Second Floor Bathrooms</i>								
Concrete Masonry Unit	35%			LIFE		**	5	\$5,700
Gypsum Board	30%			LIFE		**	5-10	\$10,500
SGFT/Glazed Masonry	30%			LIFE		**	10	\$3,100
Ceilings								
AcousTileSusp.Lay-In	15%			2032		**	5	\$2,200
Exposed Concrete	15%			LIFE		**	5-10	\$2,800
Plaster	70%	0-2	\$27,300	LIFE		**	5	\$6,500
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Apparatus Room</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Second Floor - Throughout</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 5%</i>								
<i>Location : 1st Floor</i>								

Note : 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

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2027	\$4,800	5	\$300	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement Service Room</i>							
	<i>Explanation : One 300 Amps Main Disconnect Switch</i>							
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$48,800	5	\$300	
Raceway								
Conduit	95%			2027	\$29,700	1		
Conduit	5%			2047	* *	1		
Panelboards								
Fused Disc Sw	5%			2026	\$1,900	5		
Molded Case Bkrs	75%			2026	\$28,900	5	\$200	
Molded Case Bkrs	20%			2043	* *	5	\$100	
Wiring								
Thermoplastic	95%			2027	\$26,300	1		
Thermoplastic	5%			2047	* *	1		
Motor Controllers								
Locally Mounted	100%			2025	\$14,400	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	55%			2032	* *	10	\$5,500	
	<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Fluorescent	40%			2027	\$11,800	10	\$4,000	
	<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Fluorescent	5%			2027	\$1,500	10	\$500	
	<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Uniforms Room</i>							
Egress Lighting								
Exit, Service	50%			2032	* *	1		
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout Building</i>							
No Component	50%							
Exterior Lighting								
HID	100%			2022	\$41,100	10		
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2022	\$22,500	1-3	\$1,400	

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

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FIRE DEPARTMENT - 057
ENGINE CO. 35/LADDER 14/ BATTALION 12
Asset # : 13023

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2037	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2025	\$24,500	1	\$5,400	
Distribution								
Hot Wtr Piping/Pump	100%			2035	**	4	\$800	
Terminal Devices								
Convactor/Radiator	75%			2032	**	1	\$2,600	
Unit Heater-Stm/HW	25%			2022	\$17,600	4	\$400	
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%	Now	\$300	2022	\$5,000	2	\$100	
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Roof</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : 2nd Floor Office</i>					
			<i>Explanation : Temperature Controller Defective</i>					
Window/Wall Unit	40%	Now	\$8,900	2027	\$8,900	1		
			<i>Not Energy Efficient, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Various Locations</i>					
			<i>On Extended Life, Extent : Severe, Area Affected : 40%</i>					
			<i>Location : Various Locations</i>					
Window/Wall Unit	15%			2025	\$3,400	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	**	2-5	\$4,800	
No Component	50%							
Exhaust Fans								
Roof	50%			2022	\$4,300	2	\$200	
No Component	50%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : 1st Floor</i>					
			<i>Explanation : There Is No Air Ventilation For The Operational Floor Installation Of An Exhaust Fan Needed.</i>					
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2047	**	1		

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*** 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 Replacement		Maintenance		Priority	
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%			2027	\$2,500	2	\$200	
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 - 100 Gallon Units</i>						
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Rigid Piping	100%			2022	\$11,000	4	\$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler No Component	95%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Kitchen</i>						
		<i>Explanation : Ansul System Serves Cooking Area</i>						
Generic	5%			2027	\$6,400	1-2	\$200	
Chemical System Generic	100%			2022	\$26,100	1-3	\$55,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Kitchen</i>						
		<i>Explanation : 1 Set</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 : 12-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 1966 **Lot** : 61 **BIN** : 1059547

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$129,200	\$153,800
Interior Architecture		\$45,100
Mechanical		\$66,600
Total	\$129,200	\$265,500
Importance Code A	\$129,200	\$153,800
Importance Code B		\$111,700
Total	\$129,200	\$265,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$44,500			
Interior Architecture	\$86,300		\$1,800	\$700
Electrical	\$1,200		\$100	
Mechanical	\$14,900	\$5,400	\$31,000	\$9,000
Total	\$146,800	\$5,500	\$32,900	\$9,700
Importance Code A	\$47,100	\$600	\$600	\$600
Importance Code B	\$61,400	\$4,900	\$31,300	\$9,100
Importance Code C	\$38,200		\$1,000	
Total	\$146,800	\$5,500	\$32,900	\$9,700



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

FIRE DEPARTMENT - 057
ENGINE CO. 37
Asset # : 13025

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								
Metal Sect. OHD	10%			2032	**	5	\$8,600	
Pre-Cast Concrete	90%	Now	\$81,600	LIFE	**	5	\$80,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : East Facade</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Entrance Door - Center Bay</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Facade</i>								
<hr/>								
Windows								
Aluminum	100%	Now	\$47,600	2052	**	5	\$600	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Second Floor</i>								
<i>Unit Inoperable, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Street Level</i>								
<i>Explanation : Protective Metal Grilles</i>								
<hr/>								
Parapets								
Cast Stone/Terra Cotta	10%	Now	\$2,300	LIFE	**	5	\$2,800	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Coping</i>								
Pre-Cast Concrete	90%	Now	\$34,800	LIFE	**	5	\$20,400	
<i>Spalling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : South And West Facades</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<hr/>								
Roof								
Built-Up (BUR)	100%	Now	\$7,300	2022			\$73,400	
<i>Debris Present, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : West Facade</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								

Interior

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

FIRE DEPARTMENT - 057
ENGINE CO. 37
Asset # : 13025

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	50%	Now	\$15,800	LIFE	**	5	\$16,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Apparatus Floor</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Apparatus Room</i>								
Ceramic Tile	10%			2030	**	5	\$1,500	
Quarry Tile	5%			2032	**	5	\$1,100	
Vinyl Tile	35%	Now	\$4,500	2027	\$45,100	3	\$2,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Gymnasium Area</i>								
Interior Walls								
Cast in Place Concrete	10%	0-2	\$2,600	LIFE	**			
<i>Paint Peeling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Basement</i>								
Ceramic Tile	10%			2030	**	5	\$2,100	
Concrete Masonry Unit	40%			LIFE	**	5	\$6,700	
SGFT/Glazed Masonry	40%	0-2	\$32,300	LIFE	**			
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Base Of Wall - Stairs And Hallways</i>								
Ceilings								
AcousTileSusp.Lay-In	10%	4+	\$1,200	2032	**	5	\$800	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Kitchen</i>								
Exposed Concrete	20%			LIFE	**	5-10	\$3,800	
Gypsum Board	70%			LIFE	**	5-10	\$36,500	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2047	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Switch Rated @ 400 Amperes.</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2047	**	5	\$300	
Raceway								
Conduit	100%			2047	**	1		
Panelboards								
Fused Disc Sw	5%			2043	**	5		
Molded Case Bkrs	95%			2043	**	5	\$300	
Wiring								
Thermoplastic	100%			2047	**	1		

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** 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 Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2040	**	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	96%			2032	**	10	\$10,400	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Fluorescent	3%	Now	\$1,000	2037	**			
		<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Incandescent	1%			2022		2	\$800	
Egress Lighting								
Exit, Service	100%			2032	**	1		
		<i>Lens/Guard Missing, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Second Floor</i>						
Exterior Lighting								
HID	20%			2032	**	10		
No Component	80%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2027		1	\$3,600	\$400
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Locker Rooms</i>						
		<i>Explanation : Cctv Surveillance System</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2037	**	1		
Conversion Equipment								
Hot Water Boiler	100%	0-2	\$2,600	2025	\$26,500	1	\$5,200	
		<i>Corroded, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Boiler Room</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$1,200	2035	**	4	\$600	
		<i>Malfunctioning, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Circulating Pumps</i>						

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FIRE DEPARTMENT - 057
ENGINE CO. 37
Asset # : 13025

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Terminal Devices							
Convector/Radiator	60%			2025	\$66,600	1	\$2,300
Unit Heater-Stm/HW	40%			2022	\$30,400	4	\$600
Air Conditioning							
Energy Source							
Electricity	100%			2035	* *	1	
Conversion Equipment							
Exterior Pkg Unit - Cooling	10%			2027	\$5,400	2	\$100
							<i>R-22 Refrigerant, Extent : Light, Area Affected : 10%</i>
							<i>Location : Lower Roof</i>
Window/Wall Unit	20%			2025	\$4,800	1	
No Component	70%						
Ventilation							
Distribution							
Ductwork/Diffusers	40%			LIFE	* *	2-5	\$4,200
No Component	60%						
Exhaust Fans							
Interior	20%			2027	\$2,600	2	\$100
Roof	20%	Now	\$900	2032	* *	2	\$100
							<i>Broken, Extent : Moderate, Area Affected : 100%</i>
							<i>Location : Roof / 2 Of 4 Need Replacement</i>
Wall Unit	30%			2022	\$5,300	2	\$100
No Component	30%						
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2037	* *	1	
Water Heater							
Gas Fired	100%			2025	\$2,700	2	\$200
							<i>Other Observation, Extent : Light, Area Affected : 100%</i>
							<i>Location : Basement</i>
							<i>Explanation : 2 - 75 Gallon Units</i>
Sanitary Piping							
Cast Iron	100%			LIFE	* *	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	* *	1	
Sump Pump(s)							
Rigid Piping	100%			2027	\$11,000	4	\$2,500
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
Generic	100%			2020	\$26,100	1-3	\$55,000
							<i>Other Observation, Extent : Light, Area Affected : 100%</i>
							<i>Location : Kitchen</i>
							<i>Explanation : 1 Set</i>

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Estimates are rounded to the nearest hundred dollars.

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Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : ENGINE CO. 39/LADDER CO. 16 (COMBINED FACILITY)
 Address : 157 EAST 67th STREET
 Borough : MANHATTAN Agency's Number : N/A
 Program / Asset # : FIRSECO.039 / 13027 Yr Built/Renovated : 1886 / 1992
 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 2018 - 2021	FY 2022 - 2027
Interior Architecture		\$45,000
Electrical		\$49,700
Total		\$94,700
Importance Code B		\$94,700
Total		\$94,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$300	\$4,200		
Interior Architecture	\$20,900	\$3,400	\$1,100	\$600
Electrical	\$5,900	\$100	\$200	\$9,700
Mechanical	\$37,400	\$2,600	\$5,700	\$400
Total	\$64,400	\$10,300	\$7,100	\$10,700
Importance Code A	\$300	\$4,200		
Importance Code B	\$58,700	\$6,100	\$6,000	\$10,700
Importance Code C	\$5,500		\$1,100	
Total	\$64,400	\$10,300	\$7,100	\$10,700



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

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

FIRE DEPARTMENT - 057
ENGINE CO. 39/LADDER CO. 16 (COMBINED FACILITY)

Asset # : 13027

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	**	5	\$10,000	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Front Facade</i>								
Masonry: Brownstone	25%			LIFE	**	5	\$3,100	
<i>Staining/Discoloring, Extent : Light, Area Affected : 5%</i>								
<i>Location : Front Facade</i>								
Masonry: Granite	5%			LIFE	**	5	\$600	
Wood Overhead Doors	10%			2039	**	5	\$8,400	
Windows								
Aluminum	100%			2048	**	5	\$500	
Parapets								
Not Accessible	100%							
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	**	5	\$19,100	
Ceramic Tile	5%	2-4	\$1,000	2035	**	5	\$500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Toilets</i>								
Panel/Paver: Concrete	10%			2052	**			
Quarry Tile	5%	2-4	\$1,500	2031	**	5	\$700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Kitchen</i>								
Terrazzo	10%			LIFE	**	5	\$1,500	
Vinyl Tile	25%	Now	\$4,500	2026	\$45,000	3	\$1,800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : 3rd Floor Laundry Room.</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Various Locations</i>								
Interior Walls								
Cast in Place Concrete	10%			LIFE	**			
Ceramic Tile	10%			2035	**	5	\$2,200	
Concrete Masonry Unit	15%	2-4	\$4,000	LIFE	**	5	\$1,300	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Basement Corridor</i>								
Glass: Single Pane	5%			LIFE	**	5	\$800	
Gypsum Board	5%	Now	\$1,500	LIFE	**	5	\$700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Lounge And Gymnasium</i>								
SGFT/Glazed Masonry	55%			LIFE	**			

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

Maintenance \$ are aggregated over a 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

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

Interior

Ceilings

AcousTileSusp.Lay-In	35%			2039	**	5	\$6,800
Exposed Concrete	50%	Now	\$6,800	LIFE	**	5	\$1,500

Spalling, Extent : Light, Area Affected : 2%

Location : Apparatus Floor.

Gypsum Board	15%	Now	\$1,600	LIFE	**	5	\$3,600
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Broken/Missing Elements, Extent : Moderate, Area Affected : 25%

Location : Lounge And Gymnasium

Cracking/Crumbling, Extent : Moderate, Area Affected : 25%

Location : Gymnasium

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

Under 600 Volts

Service Equipment
Not Accessible

100%

Other Observation, Extent : Light, Area Affected : 0%

Location : In Police Precinct

Explanation : Main Service

Switchgear / Switchboard

Not Accessible 100%

Raceway

Conduit 100% 2036 ** 1

Panelboards

Molded Case Bkrs 100% 2025 \$42,100 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 Precinct

Explanation : Ground

Lighting

Interior Lighting

Fluorescent 20% 2026 \$7,700 10 \$2,400

T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%

Location : Throughout

Fluorescent 80% 2031 ** 10 \$9,500

T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%

Location : Throughout

Note : 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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FIRE DEPARTMENT - 057
ENGINE CO. 39/LADDER CO. 16 (COMBINED FACILITY)
Asset # : 13027

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, Service	50%			2026	\$3,500	1		
Exit, Service	50%			2026	\$800	1		
<hr/>								
Exterior Lighting								
HID	5%			2026	\$2,700	10		
No Component	95%							
<hr/>								
Lightning Protection								
Arresters/Cabling								
Not Accessible	100%							
<hr/>								
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	Now	\$5,900	2031		**	1-3	\$700
		<i>Devices Missing, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Local/Battery Operated Detect, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						

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								
Electricity	50%			2046		**	1	
Not Accessible	50%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Located In Adjacent Building</i>						
<hr/>								
Conversion Equipment								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Located In Adjacent Building</i>						
<hr/>								
Distribution								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Located In Adjacent Building</i>						

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 39/LADDER CO. 16 (COMBINED FACILITY)
Asset # : 13027

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	50%	Now	\$33,400	2031	**	1	\$1,900	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Explanation : Not Enough Heat</i>								
Fan Coil Unit/Heat	50%			2031	**	1	\$2,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Explanation : Electric Heaters. Steam Service Inadequate</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Window/Wall Unit	20%	4+	\$2,900	2024	\$5,800	1		
<i>On Extended Life, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout</i>								
Not Accessible	80%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Located In Adjacent Building</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$16,900	
<i>Abandoned in Place, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations Throughout</i>								
Terminal Devices								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Located In Adjacent Building</i>								
Heat Rejection								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Located In Adjacent Building</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,200	
Exhaust Fans								
Interior	100%			2026	\$15,600	2	\$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	**	1		
<i>Booster Pump w/Tank, Extent : Light, Area Affected : 100%</i>								
<i>Location : Triplex Pumps In Basement</i>								

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** 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		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Water Heater Electric	100%			2019	\$2,200	4	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : 1 - 120 Gallon Unit Used As Backup</i>								
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Rigid Piping	100%			2026	\$12,100	4	\$2,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Garage</i>								
<i>Explanation : Duplex Unit</i>								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	15%							
No Component	85%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Kitchen</i>								
<i>Explanation : System</i>								

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$81,800	\$64,700
Interior Architecture		\$59,900
Electrical		\$65,700
Mechanical	\$40,500	
Total	\$122,300	\$190,400
Importance Code A	\$81,800	\$64,700
Importance Code B	\$40,500	\$125,600
Total	\$122,300	\$190,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$13,000			\$10,800
Interior Architecture	\$26,600	\$2,100		\$900
Electrical	\$12,500	\$4,600	\$1,200	\$15,700
Mechanical	\$1,700	\$1,400	\$7,700	\$5,100
Total	\$53,800	\$8,100	\$8,900	\$32,500
Importance Code A	\$13,800	\$800	\$800	\$11,600
Importance Code B	\$35,100	\$7,300	\$8,100	\$20,900
Importance Code C	\$5,000			
Total	\$53,800	\$8,100	\$8,900	\$32,500



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

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

** 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 Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Granite	45%			LIFE	**	5	\$19,400	
Metal Panel	10%			2046	**	5-10	\$39,600	
Wood Overhead Doors	45%	Now	\$81,800	2039	**	5	\$64,700	
<i>Paint Peeling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Locations</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Front Of Building</i>								
Windows								
Aluminum	50%	2-4	\$7,000	2042	**	5	\$200	
<i>Worn/Eroded, Extent : Light, Area Affected : 50%</i>								
<i>Location : Front Of Building</i>								
Metal Louvers	50%	Now	\$6,000	2035	**			
<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 3rd Floor</i>								
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 3rd Floor</i>								
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	55%	0-2	\$2,700	LIFE	**	5	\$28,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Entry Stair</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>								
<i>Location : 3rd Floor Corridor.</i>								
Ceramic Tile	10%			2029	**	5	\$2,400	
<i>Worn/Eroded, Extent : Light, Area Affected : 50%</i>								
<i>Location : Various Locations</i>								
Quarry Tile	5%			2039	**	5	\$1,800	
<i>Worn/Eroded, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various Locations</i>								
Vinyl Tile	30%	Now	\$3,000	2026	\$59,900	3	\$2,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Locations</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
Interior Walls								
Ceramic Tile	10%	Now	\$5,000	2029	**	5	\$1,800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Locations</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 5%</i>								
<i>Location : 2nd Floor Bathroom.</i>								
Gypsum Board	45%			LIFE	**	5	\$9,700	
SGFT/Glazed Masonry	40%			LIFE	**			
Wood	5%			LIFE	**	5	\$7,200	

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Estimates are rounded to the nearest hundred dollars.

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

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FIRE DEPARTMENT - 057
ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE
Asset # : 13003

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%	Now	\$11,400	2039	**	5	\$3,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 2nd Floor</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 2nd Floor</i>								
Exposed Struc: Steel	40%			LIFE	**			
Fiber Board	15%	Now	\$4,600	2026	\$23,000			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 3rd Floor Laundry Room.</i>								
<i>Explanation : Exposed Silver / Foil Insulation Delaminated And Punctured.</i>								
Gypsum Board	15%			LIFE	**	5	\$4,400	
Electrical								
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%			2046	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 800 Amps, 480v, 3 Phase</i>								
Raceway								
Conduit	80%			2026	\$25,000	1		
Conduit	20%			2036	**	1		
Panelboards								
Molded Case Bkrs	25%			2034	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 800a Main Panel</i>								
Molded Case Bkrs	75%			2034	**	5	\$300	
Wiring								
Thermoplastic	100%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2031	**	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	**	1	\$4,900	
Generators								
Diesel	100%			2022	\$65,700	1	\$6,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : 250 Kva, 480v</i>								

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FIRE DEPARTMENT - 057
ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE
Asset # : 13003

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Batteries								
Lead/Acid	100%			2019	\$1,500	5	\$600	
Fuel Storage								
Day Tank	100%			2034	**	5	\$2,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : 85 Gallons.</i>								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	**	10	\$14,400	
<i>Motion Sensors in Use, Extent : Light, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Egress Lighting								
Emergency, Service	50%			2026	\$3,900	1		
Exit, Service	50%			2026	\$900	1		
Exterior Lighting								
HID	10%			2026	\$5,900	10		
No Component	90%							
Alarm								
Fire/Smoke Detection								
No Component	93%							
Generic, Analog	7%	Now	\$11,400	2036	**	1-3	\$600	
<i>Devices Missing, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Local/Battery Operated Detect, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	2%			2046	**	1		
Natural Gas	98%			2046	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2039	**	1	\$7,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 3rd Floor</i>								
<i>Explanation : Direct Vent Boiler</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2042	**	4	\$1,200	
Terminal Devices								
Convactor/Radiator	40%			2039	**	1	\$2,000	
Fan Coil Unit/Heat	60%			2031	**	1	\$3,100	

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Estimates are rounded to the nearest hundred dollars.

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FIRE DEPARTMENT - 057
ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE
Asset # : 13003

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Energy Source								
Electricity	100%			2048	**	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	50%	2-4	\$40,500	2030	**	2	\$400	
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 3rd Floor</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : 3rd Floor</i>					
			<i>Explanation : No Insulation On Outside Air Ducts.</i>					
Split Unit	50%			2031	**			
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$20,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,800	
Exhaust Fans								
Interior	100%			2031	**	2	\$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	**	1		
Water Heater								
Gas Fired	100%			2021	\$3,700	2	\$200	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 3rd Floor</i>					
			<i>Explanation : Indirect Fired From Boiler / 1 - 120 Gallon Unit</i>					
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
			<i>Malfunctioning, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Basement</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : During Rain Sanitary Backs Up Into Fire Station</i>					
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							

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Estimates are rounded to the nearest hundred dollars.

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : ENGINE CO. 48 DIVISION 7 COMMAND CENTER
Address : 2417 WEBSTER AVENUE
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSECO.048 / 13036 **Yr Built/Renovated** : 1977 / 2010
Area Sq Ft : 11,300 **Project Type** : FIRE DEPARTMENT
Date of Survey : 04-May-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 3025 **Lot** : 25 **BIN** : 2011061

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$90,900
Electrical		\$141,500
Total		\$232,300
Importance Code A		\$90,900
Importance Code B		\$141,500
Total		\$232,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$70,100		\$300	
Interior Architecture	\$59,100		\$1,300	\$800
Electrical	\$10,500	\$800	\$2,400	\$1,400
Mechanical	\$21,000	\$4,800	\$6,000	\$9,200
Total	\$160,800	\$5,600	\$10,000	\$11,500
Importance Code A	\$70,600	\$600	\$900	\$600
Importance Code B	\$77,100	\$5,000	\$9,100	\$10,900
Importance Code C	\$13,000			
Total	\$160,800	\$5,600	\$10,000	\$11,500



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

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

** 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	0-2	\$5,500	LIFE	**	5	\$9,700	
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Locations</i>								
Masonry: Brick	75%	4+	\$21,900	LIFE	**	5	\$14,500	
<i>Efflorescence, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Lower Story</i>								
Metal Panel	5%	0-2	\$700	2037	**	5	\$1,800	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Street Facade</i>								
<i>Loose/Miss Fasteners, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Street Facade</i>								
Metal Sect. OHD	10%			2032	**	5	\$6,100	
Windows								
Aluminum	97%	Now	\$15,700	2043	**	5	\$800	
<i>Air Infiltration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Bunk Room, Kitchen</i>								
<i>Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Bunk Room, Kitchen</i>								
<i>Hardware Missing, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Bunk Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Protective Metal Grilles</i>								
Metal Louvers	3%			2030	**	10	\$300	
Parapets								
Masonry: Brick	90%			LIFE	**	5-10	\$9,600	
Metal Panel	10%			2047	**	5	\$600	
Roof								
Modified Bitumen	100%	Now	\$18,200	2022	\$90,900			
<i>Blisters, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Drains Inad/Misposn, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Main Roof</i>								
<i>Ponding, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Main Roof</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
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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** 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		Priority
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	45%	Now	\$15,600	LIFE	**	5	\$16,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Apparatus Floor, Gymnasium, Kitchen</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Apparatus Floor, Gymnasium, Kitchen -- Backup From Storm Drain</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Apparatus Floor, Gymnasium, Kitchen</i>								
Ceramic Tile	5%			2036	**	5	\$800	
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : First Floor Bathroom</i>								
Ceramic Tile	5%	Now	\$4,800	2040	**	5	\$400	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Bathrooms</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : 2nd Floor Bathrooms - Improper Install</i>								
<i>Explanation : Mold</i>								
Quarry Tile	10%			2040	**	5	\$2,500	
Sheet Vinyl/Rubber	15%			2032	**	5	\$3,800	
Vinyl Tile	15%	2-4	\$2,100	2032	**	3	\$900	
<i>Worn/Eroded, Extent : Light, Area Affected : 50%</i>								
<i>Location : Second Floor Corridor, Bunk Room, Locker Room</i>								
Vinyl Tile	5%	Now	\$7,100	2037	**	3	\$300	
<i>Worn/Eroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Areas Of First And Second Floors</i>								
Interior Walls								
Ceramic Tile	5%	Now	\$1,600	2036	**	5	\$600	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : First Floor Bathroom</i>								
Ceramic Tile	5%	Now	\$3,200	2040	**	5	\$600	
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor Bathrooms - Improper Install</i>								
<i>Explanation : Mold</i>								
Concrete Masonry Unit	30%			LIFE	**	5	\$5,500	
Gypsum Board	20%	Now	\$900	LIFE	**	5	\$2,800	
<i>Paint Peeling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 2nd Floor Room</i>								
SGFT/Glazed Masonry	40%			LIFE	**	10	\$4,600	

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FIRE DEPARTMENT - 057
ENGINE CO. 48 DIVISION 7 COMMAND CENTER
Asset # : 13036

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

Interior

Ceilings

AcousTileSusp.Lay-In	55%	Now	\$7,400	2040	**	5	\$4,600	
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*Broken/Missing Elements, Extent : Severe, Area Affected : 10%**Location : Second Floor*

Exposed Concrete	40%			LIFE	**	5-10	\$8,300	
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Gypsum Board	5%			LIFE	**	5-10	\$2,900	
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*Broken/Missing Elements, Extent : Moderate, Area Affected : 20%**Location : At Roof Hatch - Second Floor*

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

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2027	\$4,800	5	\$300	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : 1st Floor**Explanation : No Available Nameplate Ratings*

Switchgear / Switchboard

Molded Case Bkrs	100%			2027	\$48,800	5	\$300	
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Raceway

Conduit	70%			2027	\$21,900	1		
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Conduit	30%			2047	**	1		
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Panelboards

Molded Case Bkrs	30%			2043	**	5	\$100	
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Molded Case Bkrs	70%			2026	\$26,900	5	\$200	
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Wiring

Thermoplastic	70%			2027	\$19,400	1		
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Thermoplastic	30%			2047	**	1		
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Motor Controllers

Locally Mounted	100%			2025	\$14,400	5	\$100	
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Ground

Grounding Devices

Generic	100%	0-2	\$9,500	LIFE	**	5	\$200	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : 1st Floor**Explanation : Corroded*

Stand-by Power

Transfer Switches

Automatic	100%			2040	**	1	\$3,500	
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Generators

Diesel	100%			2023	\$65,700	1	\$4,400	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Basement**Explanation : Emergency Generator Rated @ 17.5 Kw*

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FIRE DEPARTMENT - 057
ENGINE CO. 48 DIVISION 7 COMMAND CENTER
Asset # : 13036

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$400	
Fuel Storage								
Day Tank	50%			2026	\$400	5	\$1,000	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 30 Gallons Rated Capacity</i>						
Main Tank	50%			2030	**	5	\$200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : No Available Nameplate Rating Capacity</i>						
Lighting								
Interior Lighting								
Fluorescent	70%			2032	**	10	\$7,300	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
LED	30%			2035	**			
Egress Lighting								
Emergency, Battery	50%			2035	**	10	\$1,400	
Exit, LED	50%			2062	**	1		
Exterior Lighting								
HID	20%			2027	\$8,500	10		
No Component	80%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2047	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2044	**	1	\$5,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$2,800	2035	**	4	\$600	
		<i>Malfunctioning, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Temperature Controler</i>						
Terminal Devices								
Convactor/Radiator	60%	Now	\$3,200	2032	**	1	\$2,000	
		<i>Damaged, Extent : Severe, Area Affected : 5%</i>						
		<i>Location : 2nd Floor Tv Room</i>						
Unit Heater-Stm/HW	40%			2032	**	4	\$400	

Air Conditioning

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FIRE DEPARTMENT - 057
ENGINE CO. 48 DIVISION 7 COMMAND CENTER
Asset # : 13036

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Split Unit	40%			2032	* *			
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Roof</i>								
<i>Explanation : 5 Units. R-410a</i>								
Split Unit	5%			2022	\$2,600			
<i>R-22 Refrigerant, Extent : Light, Area Affected : 5%</i>								
<i>Location : 1 Unit. Roof</i>								
Window/Wall Unit	15%			2022	\$3,500	1		
No Component	40%							
Terminal Devices								
Fan Coil - Cooling	40%			2032	* *	1	\$1,500	
Fan Coil - Cooling	5%			2022	\$2,600	1	\$200	
No Component	55%							
Heat Rejection								
Remote Air Cond	40%			2032	* *	2	\$3,200	
Remote Air Cond	5%			2022	\$2,000	2	\$400	
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%	Now	\$3,900	LIFE	* *	2-5	\$2,500	
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : Air Circulation Is Very Poor In 2nd Floor Specially The Stay Room.</i>								
No Component	60%							
Exhaust Fans								
Roof	25%			2035	* *	2	\$100	
Roof	25%	Now	\$200	2027	\$2,200	2	\$100	
<i>Not in Service, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Roof</i>								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2025	\$2,600	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : 2-75 Gallon Units</i>								
Sanitary Piping								
Cast Iron	100%	Now	\$1,200	LIFE	* *	1		
<i>Blockage /Clogged, Extent : Severe, Area Affected : 10%</i>								
<i>Location : 1st Floor Operational Area</i>								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 48 DIVISION 7 COMMAND CENTER
Asset # : 13036

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
Plumbing									
Fixtures									
	Generic	100%							
Fire Suppression									
Sprinkler									
	No Component	80%							
	Generic	20%			2037	* *	1-2	\$600	
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
			<i>Location : 2nd Floor</i>						
			<i>Explanation : Partial System Serves Command Center And Corridors</i>						
Chemical System									
	Generic	100%			2022	\$26,100	1-3	\$55,000	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
			<i>Location : Kitchen</i>						
			<i>Explanation : 1 Set</i>						

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Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 : 03-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2388 **Lot** : 45 **BIN** : 2001584

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$45,300	
Interior Architecture		\$21,400
Electrical		\$131,800
Mechanical		\$50,900
Total	\$45,300	\$204,100
Importance Code A	\$45,300	
Importance Code B		\$204,100
Total	\$45,300	\$204,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$27,800			
Interior Architecture	\$47,700		\$600	\$300
Electrical	\$12,000	\$800	\$2,500	\$1,400
Mechanical	\$20,900	\$5,900	\$5,500	\$11,400
Total	\$108,400	\$6,700	\$8,600	\$13,100
Importance Code A	\$28,400	\$600	\$600	\$600
Importance Code B	\$77,600	\$6,100	\$7,800	\$12,500
Importance Code C	\$2,500		\$300	
Total	\$108,400	\$6,700	\$8,600	\$13,100



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.

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** 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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	80%	0-2	\$45,300	LIFE	**	5	\$15,100	
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Corner At Kitchen And At 1st Story Bump Out</i>								
Metal Sect. OHD	15%			2032	**	5	\$8,800	
Pre-Cast Concrete	5%	Now	\$3,100	LIFE	**	5	\$3,100	
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Above House Watch</i>								
Windows								
Aluminum	100%	Now	\$1,100	2035	**	5	\$300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement And At House Watch</i>								
Parapets								
Masonry: Brick	90%			LIFE	**	5-10	\$10,900	
Pre-Cast Concrete	10%	Now	\$600	LIFE	**	5	\$1,100	
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Coping</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Coping Joints</i>								
Roof								
Modified Bitumen	75%	Now	\$9,200	2032	**			
<i>Alligating, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout Upper Roof</i>								
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Upper Roof</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
Modified Bitumen	25%	Now	\$4,600	2032	**			
<i>Ridging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Lower Roof</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Lower Roof</i>								
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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FIRE DEPARTMENT - 057
ENGINE CO. 50/LADDER CO. 19
Asset # : 13037

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	50%	Now	\$17,400	LIFE	**	5	\$18,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Apparatus Floor</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Apron At Apparatus Floor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout Apparatus Floor</i>								
Ceramic Tile	10%	Now	\$9,800	2040	**	5	\$800	
<i>Drains Inad/Misposn, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Shower/ Locker Room</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : 2nd Floor</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : 2nd Floor Showers</i>								
<i>Explanation : Poor Quality Of Construction. Showers Moldy</i>								
Quarry Tile	10%			2032	**	5	\$2,500	
Vinyl Tile	15%	0-2	\$6,400	2027	\$21,400	3	\$900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : First Floor</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Stairwell And First Floor</i>								
Vinyl Tile	15%			2035	**	3	\$900	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
Interior Walls								
Ceramic Tile	5%			2030	**	5	\$300	
Ceramic Tile	5%			2040	**	5	\$300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Showers/ Bathrooms</i>								
Concrete Masonry Unit	60%			LIFE	**	5	\$3,000	
Plaster	10%			LIFE	**	5-10	\$500	
SGFT/Glazed Masonry	20%			LIFE	**	10	\$600	
Ceilings								
AcousTileSusp.Lay-In	55%	4+	\$3,700	2040	**	5	\$4,600	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Kitchen Area</i>								
Exposed Concrete	15%			LIFE	**	5-10	\$3,200	
Gypsum Board	30%	4+	\$5,100	LIFE	**	5	\$6,300	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Apparatus Room</i>								

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

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Estimates are rounded to the nearest hundred dollars.

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FIRE DEPARTMENT - 057
ENGINE CO. 50/LADDER CO. 19
Asset # : 13037

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2027	\$4,800	5	\$300	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : No Nameplate Ratings Available</i>							
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$48,800	5	\$300	
Raceway								
Conduit	100%			2027	\$31,300	1		
Panelboards								
Fused Disc Sw	5%			2026	\$1,900	5		
Molded Case Bkrs	50%			2035	* *	5	\$200	
Molded Case Bkrs	45%			2026	\$17,300	5	\$100	
Wiring								
Thermoplastic	100%			2027	\$27,700	1		
Motor Controllers								
Locally Mounted	100%			2025	\$14,400	5	\$100	
Ground								
Grounding Devices								
Generic	100%	0-2	\$9,500	LIFE	* *	5	\$200	
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Corroded</i>							
Stand-by Power								
Transfer Switches								
Automatic	100%			2025	\$4,800	1	\$3,500	
Generators								
Diesel	100%			2023	\$65,700	1	\$4,400	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Emergency Generator Rated @ 17.5kw</i>							
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$400	
Fuel Storage								
Day Tank	50%			2026	\$400	5	\$1,100	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 10 Gallons Rated Capacity</i>							
Main Tank	50%			2030	* *	5	\$200	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 275 Gallons Rated Capacity</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.

FIRE DEPARTMENT - 057
ENGINE CO. 50/LADDER CO. 19
Asset # : 13037

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	95%			2032	**	10	\$9,900	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%	Now	\$1,500	2037	**			
<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Service	100%			2022		1	\$5,600	
Exterior Lighting								
HID	20%			2022		10	\$8,600	
No Component	80%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2047	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	**	1	\$5,600	
Distribution								
Hot Wtr Piping/Pump	100%			2035	**	4	\$800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : There Is Only 1 Thermostat In The Building</i>								
Terminal Devices								
Convactor/Radiator	70%			2032	**	1	\$2,600	
Fan Coil Unit/Heat	30%			2022		1	\$1,100	
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2035	**	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Roof</i>								
<i>Explanation : 1 Unit. R-410a</i>								
Split Unit	10%	0-2	\$5,200	2037	**			
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 Units Are On Extend Working Life Time. R-22</i>								
Window/Wall Unit	30%			2022		1	\$7,000	
No Component	40%							

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FIRE DEPARTMENT - 057
ENGINE CO. 50/LADDER CO. 19
Asset # : 13037

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
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	10%			2022	\$4,100	2	\$800	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	\$7,000	
No Component	30%							
Exhaust Fans								
Roof	50%	Now	\$500	2032	* *	2	\$100	
		<i>Not in Service, Extent : Severe, Area Affected : 25%</i>						
		<i>Location : Roof</i>						
No Component	50%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Lack Of Air Circulation In 2nd Floor And The Bath Room</i>						
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2025	\$2,600	2	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 - 75 Gallon Units</i>						
Sanitary Piping								
Cast Iron	100%	Now	\$1,200	LIFE	* *	1		
		<i>Blockage /Clogged, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : Basement And 1st Floor</i>						
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2027	\$11,000	4	\$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2037	* *	1-2	\$600	
Chemical System								
Wet	100%			2022	\$28,400	1-3	\$63,700	

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Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 : 13-May-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1629 **Lot** : 40 **BIN** : 1051850

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$71,100	
Total	\$71,100	
Importance Code A	\$71,100	
Total	\$71,100	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$35,200		\$2,800	
Interior Architecture	\$35,600		\$1,600	\$600
Electrical				\$100
Mechanical	\$5,000	\$400	\$7,600	\$200
Total	\$75,800	\$400	\$11,900	\$900
Importance Code A	\$35,200		\$2,800	
Importance Code B	\$34,200	\$400	\$9,100	\$400
Importance Code C	\$6,500			\$500
Total	\$75,800	\$400	\$11,900	\$900



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

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

FIRE DEPARTMENT - 057
ENGINE CO. 53 (COMBINED FACILITY)

Asset # : 13039

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	78%			LIFE	**	5	\$17,200	
Masonry: Granite	2%			LIFE	**	5	\$300	
Masonry: Sandstone	10%	Now	\$8,500	LIFE	**	5	\$800	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Street Facade</i>								
Wood Overhead Doors	10%			2040	**	5	\$5,500	
Windows								
Aluminum	100%	Now	\$71,100	2052	**	5	\$900	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Windows Are Very Old, Single-Glazed, And Largely Inoperable, Broken Or Missing.</i>								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	**	5-10	\$7,700	
Masonry: Brick	85%	0-2	\$1,800	LIFE	**	5	\$1,500	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : South East Corner</i>								
Roof								
Roll Roofing	100%			2028	**	5	\$21,200	
<i>Debris Present, Extent : Light, Area Affected : 10%</i>								
<i>Location : Lower And Main Roofs</i>								
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	**	5	\$31,400	
Ceramic Tile	5%	Now	\$800	2036	**	5	\$400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 1st Floor Toilet</i>								
Quarry Tile	5%			2040	**	5	\$1,200	
Vinyl Tile	5%			2027	\$6,800	3	\$400	
Under Construction	40%							
Interior Walls								
Ceramic Tile	5%			2036	**	5	\$1,100	
Concrete Masonry Unit	10%			LIFE	**	5	\$1,700	
Gypsum Board	5%			LIFE	**	5-10	\$1,800	
Plaster	15%			LIFE	**	5-10	\$2,700	
SGFT/Glazed Masonry	25%			LIFE	**	10	\$2,700	
Under Construction	40%							
Ceilings								
AcousTileConcealSpLn	10%			2040	**	5	\$2,000	
Exposed Concrete	50%	4+	\$12,600	LIFE	**	5	\$1,200	
<i>Paint Peeling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Apparatus Room</i>								
Under Construction	40%							

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 53 (COMBINED FACILITY)
Asset # : 13039

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	90%			2037	**	1		
Under Construction	10%							
Panelboards								
Molded Case Bkrs	90%			2026	\$34,600	5	\$300	
Under Construction	10%							
Wiring								
Thermoplastic	90%			2027	\$24,900	1		
Under Construction	10%							
Lighting								
Interior Lighting								
Fluorescent	90%			2027	\$26,000	10	\$8,800	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Under Construction	10%							
Exterior Lighting								
HID	10%			2027	\$4,000	10		
No Component	90%							
Mechanical								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : The Heating Source (Hot Water) Is From Adjacent Building (Police Station)</i>						
Conversion Equipment								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : The Heating Source (Hot Water) Is From Adjacent Building (Police Station)</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2035	**	4	\$800	
Terminal Devices								
Convactor/Radiator	40%			2032	**	1	\$1,400	
Unit Heater-Stm/HW	40%			2022	\$27,500	4	\$600	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 53 (COMBINED FACILITY)
Asset # : 13039

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%			2020	\$6,600	1		
No Component	40%							
Not Accessible	30%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Ac Comes From The Adjacent Building (Police Station)</i>						
Terminal Devices								
No Component	70%							
Not Accessible	30%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Ac Comes From The Adjacent Building (Police Station)</i>						
Heat Rejection								
No Component	70%							
Not Accessible	30%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Ac Comes From The Adjacent Building (Police Station)</i>						
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,400	
Exhaust Fans								
Roof	50%			2022	\$4,200	2	\$200	
Roof	10%			2037	* *	2		
		<i>Recent Replace Evident, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Roof</i>						
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Electric	100%			2022	\$1,600	4	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : 2 - 120 Gallon Units</i>						
Sanitary Piping								
Cast Iron	100%	Now	\$1,200	LIFE	* *	1		
		<i>Blockage /Clogged, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : 1st Floor Operational Area</i>						
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Under Construction	100%							

Fire Suppression

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FIRE DEPARTMENT - 057
ENGINE CO. 53 (COMBINED FACILITY)
Asset # : 13039

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Fire Suppression	Sprinkler								
	No Component	90%							
	Generic	10%			2037	* *	1-2	\$300	

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 : 02-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2306 **Lot** : 52 **BIN** : 2000656

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$277,200	\$46,200
Interior Architecture	\$216,000	
Total	\$493,200	\$46,200
Importance Code A	\$277,200	\$46,200
Importance Code B	\$130,900	
Importance Code C	\$85,100	
Total	\$493,200	\$46,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$75,500		\$1,100	
Interior Architecture	\$58,700		\$8,200	
Electrical	\$1,400	\$900	\$900	\$800
Mechanical	\$11,600	\$5,700	\$12,200	\$10,300
Total	\$147,200	\$6,600	\$22,400	\$11,100
Importance Code A	\$76,600	\$1,100	\$2,300	\$1,100
Importance Code B	\$62,800	\$5,400	\$17,700	\$10,000
Importance Code C	\$7,700		\$2,400	
Total	\$147,200	\$6,600	\$22,400	\$11,100



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

FIRE DEPARTMENT - 057
ENGINE CO. 60/LADDER CO. 17
Asset # : 13048

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Alum/Vinyl Siding	5%			2037	**	10	\$600	
Cast Stone/Terra Cotta	5%	4+	\$15,500	LIFE	**	5	\$14,900	
<i>Staining/Discoloring, Extent : Light, Area Affected : 20%</i>								
<i>Location : Street Facade</i>								
Masonry: Brick	72%	2-4	\$165,200	LIFE	**	5	\$27,400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Rear And Side Walls</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Rear And Side Walls</i>								
Masonry: Granite	5%	0-2	\$4,600	LIFE	**	5	\$1,400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Street Facade</i>								
Masonry: Limestone	5%	4+	\$4,600	LIFE	**	5	\$1,400	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Street Facade</i>								
Metal Sect. OHD	5%			2032	**	5	\$6,000	
Metal: Cage/Fence	3%			2032	**	5	\$5,000	
Windows								
Aluminum	80%			2035	**	5	\$2,300	
Aluminum	20%	Now	\$23,800	2052	**	5	\$300	
<i>Air Infiltration, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 2nd Floor, Street Facade</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : 2nd Floor, Street Facade</i>								
Parapets								
Cast Stone/Terra Cotta	5%	2-4	\$4,400	LIFE	**	5	\$1,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 70%</i>								
<i>Location : Cornice - Street Facade</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Joint Lines - Street Side Parapet</i>								
Masonry: Brick	80%	Now	\$52,400	LIFE	**	5	\$2,300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Street Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Interior Parapet Face Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Rear Parapet At Kitchen</i>								
Masonry: Limestone	15%	Now	\$13,400	LIFE	**	5	\$500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Street Facade</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Street Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 3rd Floor Bathroom</i>								

Note : 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. 60/LADDER CO. 17
Asset # : 13048

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Built-Up (BUR)	75%			2027	\$46,200	10	\$10,100	
Built-Up (BUR)	15%	Now	\$9,200	2037	**			
<i>Ponding, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Kitchen</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Kitchen</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Kitchen</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Kitchen Roof Throughout</i>								
Skylight, Metal/Glass	10%	Now	\$59,600	2047	**			
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Main Roof</i>								
Interior								
Floors								
Cast in Place Concrete	10%	Now	\$18,400	LIFE	**	5	\$3,900	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Slab At Floor Drains</i>								
Cast in Place Concrete	35%			LIFE	**	5	\$27,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Apparatus Floor</i>								
Ceramic Tile	5%			2030	**	5	\$900	
Quarry Tile	5%			2040	**	5	\$1,300	
Sheet Vinyl/Rubber	25%	Now	\$130,900	2037	**	5	\$3,300	
<i>Uneven Substrate, Extent : Severe, Area Affected : 50%</i>								
<i>Location : 2nd Floor Rooms And Corridors</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : 2nd Floor Corridors</i>								
Wood	20%			2030	**	5	\$6,600	
Interior Walls								
Ceramic Tile	20%			2030	**	5	\$4,900	
Glass: Single Pane	8%			LIFE	**	5	\$2,900	
Gypsum Board	5%			LIFE	**	5-10	\$2,100	
Masonry: Brick	30%	0-2	\$85,100	LIFE	**			
<i>Spalling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement Vault, Rear And Side Walls</i>								
Plaster	37%			LIFE	**	5-10	\$7,600	

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 60/LADDER CO. 17
Asset # : 13048

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%			2040	**	5	\$2,700	
Embossed Metal	25%	Now	\$7,800	LIFE	**	5	\$2,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Apparatus Floor</i>								
Exposed Concrete	10%			LIFE	**	5-10	\$2,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Rear Portion Of Basement</i>								
<i>Explanation : Slab Not Replace -</i>								
Exposed Struc: Steel	15%			LIFE	**	10	\$5,300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Support Beams Below Apparatus Floor</i>								
Plaster	35%	Now	\$4,100	LIFE	**	5	\$3,900	
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Second Floor Office</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Disconnect Switch Rated @ 200 Amperes.</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	**	5	\$300	
Raceway								
Conduit	50%			2037	**	1		
Conduit	50%			2053	**	1		
Panelboards								
Molded Case Bkrs	50%			2035	**	5	\$100	
Molded Case Bkrs	50%			2049	**	5	\$100	
<i>Obsolete Equipment, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Apparatus Floor</i>								
Wiring								
Thermoplastic	50%			2037	**	1		
Thermoplastic	50%			2053	**	1		
Motor Controllers								
Locally Mounted	100%			2032	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	**	1	\$3,500	

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FIRE DEPARTMENT - 057
ENGINE CO. 60/LADDER CO. 17
Asset # : 13048

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Generators								
Diesel	100%			2036	**	1	\$4,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Emergency Generator Rated @ 40kw</i>								
<hr/>								
Batteries								
Lead/Acid	100%			2022	\$1,500	5	\$400	
<hr/>								
Fuel Storage								
Main Tank	100%			2062	**	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 50 Gallons Rated Capacity</i>								
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	98%			2035	**	10	\$10,100	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<hr/>								
Fluorescent	1%			2022	\$300	10	\$100	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<hr/>								
Incandescent	1%			2027	\$700	2		
<hr/>								
Egress Lighting								
Emergency, Service	50%			2035	**	1		
Exit, Service	50%			2035	**	1		
<hr/>								
Exterior Lighting								
HID	20%			2035	**	10		
No Component	80%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2037	**	1		
<hr/>								
Conversion Equipment								
Steam Boiler	100%			2032	**	1	\$11,100	
<hr/>								
Distribution								
Steam Piping/Pump	100%			2037	**	4	\$600	
<hr/>								
Terminal Devices								
Convactor/Radiator	80%			2032	**	1	\$2,900	
Unit Heater-Stm/HW	20%			2027	\$14,500	4	\$300	
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 60/LADDER CO. 17
Asset # : 13048

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	20%			2037	**			
	<i>Recent Replace Evident, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Roof</i>							
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 2 Units. Split Unit Serves Bunk Area And Kichen. R-410a</i>							
Window/Wall Unit	30%			2022	\$6,900	1		
No Component	50%							
Terminal Devices								
Fan Coil - Cooling	20%			2037	**	1	\$700	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2037	**	2	\$1,600	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	**	2-5	\$3,000	
No Component	70%							
Exhaust Fans								
Interior	30%			2027	\$3,700	2	\$100	
Roof	10%			2027	\$900	2		
Wall Unit	60%			2027	\$10,200	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Water Heater								
Gas Fired	100%			2022	\$2,600	2	\$200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 1- 75 Gallon Unit</i>							
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
	<i>Blockage /Clogged, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Basement And 1st Floor Rest Room</i>							
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2020	\$6,700	4	\$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2022	\$26,100	1-3	\$55,000	

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Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 : 02-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2514 **Lot** : 56 **BIN** : 2003268

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$156,200	
Interior Architecture		\$6,500
Electrical		\$141,500
Total	\$156,200	\$147,900
Importance Code A	\$156,200	
Importance Code B		\$147,900
Total	\$156,200	\$147,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$25,800		\$1,900	
Interior Architecture	\$35,400	\$1,500	\$3,100	\$100
Electrical	\$1,500	\$800	\$2,400	\$800
Mechanical	\$14,700	\$5,300	\$5,600	\$11,600
Total	\$77,500	\$7,500	\$13,000	\$12,500
Importance Code A	\$26,300	\$500	\$2,400	\$500
Importance Code B	\$43,500	\$7,000	\$9,900	\$11,900
Importance Code C	\$7,700		\$700	
Total	\$77,500	\$7,500	\$13,000	\$12,500



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

FIRE DEPARTMENT - 057
ENGINE CO. 68/LADDER CO. 49
Asset # : 13056

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								
Concrete Masonry Unit	80%	4+	\$77,000	LIFE	**	5	\$11,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : At Overhead Doors And 2nd Floor Front</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	15%			LIFE	**	5	\$7,000	
Metal Sect. OHD	5%			2040	**	5	\$3,700	
Windows								
Aluminum	100%	2-4	\$9,800	2035	**	5	\$600	
<i>Air Infiltration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Screens Missing Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Wire Glass At 1st Floor House Watch Room</i>								
Parapets								
Cast Stone/Terra Cotta	10%	Now	\$2,400	LIFE	**	5	\$1,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Street Facade</i>								
<i>Open Joints, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Street Facade</i>								
Concrete Masonry Unit	85%	Now	\$8,300	LIFE	**	5	\$1,800	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Main Roof Parapet</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Rear Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Main Roof Parapet</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 25%</i>								
<i>Location : All Facades</i>								
Metal: Cage/Fence	5%	Now	\$1,900	2047	**	5	\$300	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Parapet Wall</i>								

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FIRE DEPARTMENT - 057
ENGINE CO. 68/LADDER CO. 49
Asset # : 13056

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	5%			2030	**	10	\$100	
Modified Bitumen	95%	Now	\$79,200	2037	**			
<i>Blisters, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : All Roofs</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Lower Roof</i>								
<i>Ridging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Parapet Cant Strip</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Roof Penetrations</i>								
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$26,800	
Ceramic Tile	15%			2040	**	5	\$2,300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bathrooms, Shower Areas</i>								
Quarry Tile	5%			2040	**	5	\$1,100	
Vinyl Tile	5%	4+	\$100	2027	\$6,500	3	\$300	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Sitting Area</i>								
Vinyl Tile	35%			2035	**	3	\$2,000	
Interior Walls								
Ceramic Tile	10%			2040	**	5	\$1,300	
Concrete Masonry Unit	30%			LIFE	**	5	\$3,200	
Gypsum Board	25%			LIFE	**	5-10	\$5,700	
SGFT/Glazed Masonry	35%			LIFE	**	10	\$2,400	
Ceilings								
AcousTileSusp.Lay-In	20%			2044	**	5	\$3,100	
Exposed Concrete	75%			LIFE	**	5-10	\$14,300	
Gypsum Board	5%			LIFE	**	5-10	\$2,600	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2027	\$4,800	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 400 Amperes.</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$48,800	5	\$300	

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FIRE DEPARTMENT - 057
ENGINE CO. 68/LADDER CO. 49
Asset # : 13056

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	70%			2027	\$21,900	1		
Conduit	30%			2053	* *	1		
Panelboards								
Molded Case Bkrs	70%			2026	\$26,900	5	\$200	
Molded Case Bkrs	30%			2049	* *	5	\$100	
Wiring								
Thermoplastic	70%			2027	\$19,400	1		
Thermoplastic	30%			2053	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2025	\$4,800	1	\$3,100	
Generators								
Diesel	100%			2023	\$65,700	1	\$4,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2nd Floor Heating Room</i>								
<i>Explanation : Emergency Generator Rated @ 25kw</i>								
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$400	
Fuel Storage								
Main Tank	100%			2030	* *	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2nd Floor Mechanical Room</i>								
<i>Explanation : 200 Gallons Rated Capacity</i>								
Lighting								
Interior Lighting								
Fluorescent	65%			2035	* *	10	\$6,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps And Motion Sensors In Use</i>								
Fluorescent	5%			2022	\$1,400	10	\$500	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bunker Room</i>								
LED	30%			2035	* *			
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, LED	50%			2062	* *	1		
Exterior Lighting								
HID	20%			2035	* *	10		
No Component	80%							

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FIRE DEPARTMENT - 057
ENGINE CO. 68/LADDER CO. 49
Asset # : 13056

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	20%			2037	* *	1		
Natural Gas	80%			2037	* *	1		
Conversion Equipment								
Heat Pump	20%			2031	* *	2	\$600	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Roof</i>								
<i>Explanation : 3 Package Units</i>								
Hot Water Boiler	80%			2032	* *	1	\$4,000	
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	80%			2035	* *	4	\$600	
No Component	20%							
Terminal Devices								
Convactor/Radiator	70%			2032	* *	1	\$2,300	
Fan Coil Unit/Heat	20%			2035	* *	1	\$700	
Unit Heater-Stm/HW	10%			2027	\$6,600	4	\$100	
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Heat Pump	20%			2031	* *	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Roof</i>								
<i>Explanation : 3 Package Units. R-410a</i>								
Split Unit	10%			2022	\$4,700			
<i>R-22 Refrigerant, Extent : Light, Area Affected : 10%</i>								
<i>Location : 1 Unit, Roof</i>								
Window/Wall Unit	30%			2022	\$6,300	1		
No Component	40%							
Terminal Devices								
Fan Coil - Cooling	10%			2022	\$4,700	1	\$300	
Fan Coil - Cool/Heat	20%			2035	* *	1	\$700	
No Component	70%							
Heat Rejection								
Remote Air Cond	10%			2022	\$3,700	2	\$700	
Remote Air Cond	20%			2035	* *	2	\$1,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,000	
Exhaust Fans								
Roof	100%			2032	* *	2	\$300	
Plumbing								

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FIRE DEPARTMENT - 057
ENGINE CO. 68/LADDER CO. 49
Asset # : 13056

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
Plumbing								
H/C Water Piping Brass/Copper	100%			2037	* *	1		
Water Heater Gas Fired	100%			2022	\$2,400	2	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 2nd Floor</i>						
		<i>Explanation : 2 - 75 Gallon Units</i>						
Sanitary Piping Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Fixtures Generic	100%							
Fire Suppression								
Sprinkler No Component	90%							
Generic	10%			2037	* *	1-2	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : 1st And 2nd Floor</i>						
		<i>Explanation : Serves Stairs</i>						
Chemical System Wet	100%			2022	\$28,400	1-3	\$63,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Kitchen</i>						
		<i>Explanation : Serves Cooking Area</i>						

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

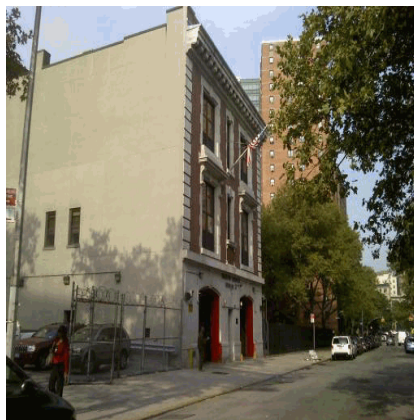
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 / 1997
Area Sq Ft : 11,250 **Project Type** : FIRE DEPARTMENT
Date of Survey : 12-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2028 **Lot** : 51 **BIN** : 1075491

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$116,600
Interior Architecture	\$46,600	\$67,500
Electrical		\$26,900
Mechanical		\$91,900
Total	\$46,600	\$302,900
Importance Code A		\$116,600
Importance Code B	\$46,600	\$186,300
Total	\$46,600	\$302,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$56,600		\$7,900	
Interior Architecture	\$61,900			\$2,100
Electrical	\$12,600	\$800	\$3,400	\$900
Mechanical	\$20,500	\$5,300	\$31,400	\$10,100
Total	\$151,700	\$6,100	\$42,700	\$13,100
Importance Code A	\$57,200	\$600	\$8,400	\$600
Importance Code B	\$83,600	\$5,500	\$34,300	\$11,400
Importance Code C	\$10,900			\$1,100
Total	\$151,700	\$6,100	\$42,700	\$13,100



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 69
Asset # : 13057

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	72%			LIFE	**	5	\$55,800	
Masonry: Granite	10%			LIFE	**	5	\$5,800	
Metal Panel	3%			2037	**	5-10	\$8,000	
Metal Sect. OHD	5%			2040	**	5	\$6,100	
Stucco Cement	10%			2040	**	5	\$9,700	
Windows								
Aluminum	100%	Now	\$11,700	2026	\$116,600	5	\$1,400	
<i>Crwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Parapets								
Copper/Terne	25%			2062	**	5	\$3,000	
Metal Panel	75%			2047	**	5	\$7,200	
Roof								
Asphalt Shingle	5%			2036	**	10	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Rear Yard</i>								
<i>Explanation : Outdoor Kitchen Surround</i>								
Modified Bitumen	67%			2032	**	10	\$8,100	
Modified Bitumen	20%	Now	\$14,100	2037	**			
<i>Debris Present, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Lower Roof</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Lower Roof</i>								
Skylight, Metal/Glass	8%			2047	**	10	\$3,200	
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	**	5	\$34,800	
Quarry Tile	10%			2032	**	5	\$2,700	
Vinyl Tile	45%	2-4	\$13,500	2027	\$67,500	3	\$3,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 2nd And 3rd Floors</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 3rd Floor Bunk Room</i>								
<i>Uneven Substrate, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : 2nd And 3rd Floors</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 2nd And 3rd Floors</i>								
Interior Walls								
Ceramic Tile	10%			2036	**	5	\$2,200	
Gypsum Board	40%	4+	\$3,700	LIFE	**	5	\$5,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Stairwell</i>								
Masonry: Brick	15%			LIFE	**	10	\$1,000	
Plaster	35%	Now	\$6,200	LIFE	**	5	\$2,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement Stair</i>								

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FIRE DEPARTMENT - 057
ENGINE CO. 69
Asset # : 13057

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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%	0-2	\$14,300	2032	**	5	\$4,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 2nd And 3rd Floors</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd And 3rd Floors</i>								
Exposed Struc: Steel	25%	Now	\$46,600	LIFE	**			
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Sidewalk And Rear Addition Vaults</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Sidewalk And Rear Addition Vaults</i>								
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Material Actually Metal Decking</i>								
Plaster	25%	0-2	\$5,800	LIFE	**	5	\$2,800	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Apparatus Room and Kitchen</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
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%			2037	**	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Disconnect Switch Rated @ 600 Amperes.</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2037	**	5	\$300	
Raceway								
Conduit	30%			2037	**	1		
Conduit	70%			2027	\$21,900	1		
Panelboards								
Fused Disc Sw	5%			2035	**	5		
Molded Case Bkrs	25%			2035	**	5	\$100	
Molded Case Bkrs	70%			2026	\$26,900	5	\$200	
Wiring								
Thermoplastic	100%			2037	**	1		
Motor Controllers								
Locally Mounted	100%			2032	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%	2-4	\$9,500	LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded</i>								

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FIRE DEPARTMENT - 057
ENGINE CO. 69
Asset # : 13057

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Transfer Switches								
Automatic	100%			2032	* *	1	\$3,500	
Generators								
Diesel	100%			2030	* *	1	\$4,400	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : Emergency Generator Rated @ 62kw</i>						
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$400	
Fuel Storage								
Day Tank	100%			2035	* *	5	\$2,100	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : 50 Gallons Rated Capacity</i>						
Lighting								
Interior Lighting								
Fluorescent	93%			2027	\$28,300	10	\$9,600	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Fluorescent	1%			2027	\$300	10	\$100	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
Fluorescent	5%	Now	\$1,500	2037	* *			
		<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Incandescent	1%			2022	\$700	2		
Egress Lighting								
Emergency, Service	50%			2027	\$2,800	1		
Exit, Service	50%	Now	\$600	2037	* *	1		
		<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Exterior Lighting								
HID	20%			2027	\$8,500	10		
No Component	80%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Campus Steam	70%	Now	\$100	2037	* *	1		
		<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Steam Comes From Adjacent Building (Police Station). Insulation Insufficient</i>						
Natural Gas	30%			2037	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 69
Asset # : 13057

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Furnace	30%			2027	\$4,100	1	\$1,700	
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Roof</i>								
<i>Explanation : 4 Roof Top Gas Fired Heating / Cooling Units</i>								
Heat Exchanger	70%			2030	**	1	\$3,900	
<i>Other Observation, Extent : Light, Area Affected : 70%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Steam Piping/Pump	70%	Now	\$2,700	2027	\$54,900	4	\$400	
<i>Malfunctioning, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Temperature Control</i>								
No Component	30%							
Terminal Devices								
Convactor/Radiator	30%			2032	**	1	\$1,100	
Unit Heater-Stm/HW	40%			2027	\$29,000	4	\$600	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%	Now	\$1,900	2027	\$37,000	2	\$300	
<i>Noisy/Vibrating, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Roof</i>								
<i>R-22 Refrigerant, Extent : Light, Area Affected : 50%</i>								
<i>Location : 4 Units. Roof</i>								
Window/Wall Unit	10%			2022	\$2,300	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	**	2-5	\$5,000	
No Component	50%							
Exhaust Fans								
Roof	55%			2027	\$4,900	2	\$200	
Wall Unit	25%	Now	\$400	2027	\$4,200	2	\$100	
<i>Malfunctioning, Extent : Severe, Area Affected : 10%</i>								
<i>Location : 1st Floor Operational Area</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Air Ventilation Is Poor In 1st Floor Recommending More Wall Units</i>								
No Component	20%							
Plumbing								

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FIRE DEPARTMENT - 057
ENGINE CO. 69
Asset # : 13057

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
H/C Water Piping Brass/Copper	100%	0-2	\$3,400	2037	**	1		
<i>Booster Pump w/Tank, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Corroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
Water Heater Electric	100%			2025	\$1,700	4	\$100	
HW Heat Exchanger Low Temp	100%			2037	**	4	\$1,100	
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
Sump Pump(s) Rigid Piping	100%			2022	\$11,000	4	\$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler Generic	100%			2053	**	1-2	\$3,200	
Fire Pump Generic	100%	Now	\$400	2030	**	1	\$1,900	
<i>Corroded, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : And Leaking. Basement</i>								
Chemical System Generic	100%			2020	\$26,100	1-3	\$55,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								
<i>Explanation : 1 Set</i>								

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Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$322,000	
Interior Architecture	\$59,600	
Electrical		\$80,800
Mechanical		\$244,200
Total	\$381,600	\$325,000
Importance Code A	\$322,000	\$100,300
Importance Code B	\$59,600	\$224,700
Total	\$381,600	\$325,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$28,000	\$9,700		
Interior Architecture	\$115,900	\$3,200	\$1,700	\$900
Electrical	\$27,700	\$1,200	\$1,100	\$5,400
Mechanical	\$3,000	\$3,300	\$8,700	\$2,500
Total	\$174,600	\$17,400	\$11,500	\$8,800
Importance Code A	\$29,800	\$11,600	\$1,900	\$1,900
Importance Code B	\$79,000	\$5,800	\$8,600	\$6,900
Importance Code C	\$65,700		\$1,000	
Total	\$174,600	\$17,400	\$11,500	\$8,800



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FIRE DEPARTMENT - 057
ENGINE CO. 7
Asset # : 13006

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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%	Now	\$204,900	LIFE	**	5	\$31,100	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Rear Wall</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Rear Wall</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Rear Wall</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Rear Wall</i>								
Masonry: Granite	5%			LIFE	**	5	\$1,700	
Masonry: Limestone	10%	4+	\$58,800	LIFE	**	5	\$3,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Front Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Front Wall</i>								
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	85%	2-4	\$8,400	LIFE	**	5	\$2,700	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Front Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout.</i>								
Masonry: Limestone	15%	0-2	\$4,000	LIFE	**	5	\$600	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Roof</i>								
Roof								
Modified Bitumen	95%	Now	\$58,300	2031	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
<i>Debris Present, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Drains</i>								
<i>Drains Clogged, Extent : Light, Area Affected : 2%</i>								
<i>Location : Over Kitchen Roof.</i>								
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Drain And Exhaust Fan</i>								
Skylight, Metal/Glass	5%	0-2	\$15,600	2046	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Middle Of 2 Skylights</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Hose Tower</i>								
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 7
Asset # : 13006

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	35%			LIFE	**	5	\$21,600	
Ceramic Tile	5%			2035	**	5	\$1,400	
Quarry Tile	5%			2039	**	5	\$2,100	
Vinyl Tile	25%	Now	\$19,700	2031	**	3	\$2,700	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Uneven Surface, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout - Primarily 3rd Floor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Various Locations Throughout</i>								
Wood	30%	0-2	\$30,500	2041	**	5	\$8,000	
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Bunk Room.</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : Battalion Chief Side And Offices</i>								
Interior Walls								
Ceramic Tile	5%			2035	**	5	\$1,900	
Concrete Masonry Unit	5%			LIFE	**	5	\$800	
Gypsum Board	20%			LIFE	**	5	\$4,700	
Masonry: Brick	15%	Now	\$24,800	LIFE	**			
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Cellar</i>								
Plaster	30%	Now	\$20,400	LIFE	**	5	\$3,500	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 3rd Floor, Front Wall</i>								
SGFT/Glazed Masonry	25%	Now	\$20,500	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Apparatus Floor.</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Apparatus Room</i>								
Ceilings								
AcousTileSusp.Lay-In	15%			2039	**	5	\$4,200	
<i>Staining/Discoloring, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Locations Throughout</i>								
Embossed Metal	55%	0-2	\$59,600	LIFE	**	5	\$7,000	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Plaster	30%			LIFE	**	5	\$5,300	

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FIRE DEPARTMENT - 057
ENGINE CO. 7
Asset # : 13006

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	**	5	\$100	
	<i>Enclosure Corroded, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Basement</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 400 Amps</i>							
<hr/>								
Raceway								
Conduit	80%			2026	\$27,300	1		
Conduit	20%			2036	**	1		
	<i>Recent Installation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
<hr/>								
Panelboards								
Molded Case Bkrs	75%			2042	**	5	\$400	
Molded Case Bkrs	25%			2034	**	5	\$100	
	<i>Recent Installation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
<hr/>								
Wiring								
Braided Cloth	20%	2-4	\$6,100	2051	**	1		
	<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Thermoplastic	60%			2036	**	1		
Thermoplastic	20%			2036	**	1		
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
<hr/>								
Motor Controllers								
Locally Mounted	100%			2031	**	5	\$100	
<hr/>								
Ground								
Grounding Devices								
Metal Water Pipe	100%	0-2	\$10,400	2046	**	5	\$300	
	<i>Corroded, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
<hr/>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	**	1	\$5,800	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Used For Portable Generator.</i>							
<hr/>								
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.

FIRE DEPARTMENT - 057
ENGINE CO. 7
Asset # : 13006

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	75%			2026	\$41,900	10	\$13,000	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Fluorescent	20%			2031	**	10	\$3,500	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
HID	5%			2026	\$1,000	10		
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Apparatus Room</i>								
Egress Lighting								
Emergency, Battery	10%			2031	**	10	\$500	
<i>Recent Installation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 3rd Floor</i>								
Exit, Service	80%			2031	**	1		
Exit, Battery	10%			2031	**	10	\$100	
<i>Recent Installation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 3rd Floor</i>								
Exterior Lighting								
HID	50%			2026	\$38,900	10		
No Component	50%							
Alarm								
Fire/Smoke Detection								
No Component	50%							
Generic, Analog	50%	Now	\$10,700	2036	**	1-3	\$5,300	
<i>Devices Missing, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Local/Battery Operated Detect, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2046	**	1		
Conversion Equipment								
Steam Boiler	100%			2024	\$100,300	1	\$18,700	
Distribution								
Steam Piping/Pump	100%			2026	\$143,900	4	\$1,400	
Terminal Devices								
Convactor/Radiator	100%			2031	**	1	\$6,100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	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.*

FIRE DEPARTMENT - 057
ENGINE CO. 7
Asset # : 13006

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	10%			2026	\$9,500			
Window/Wall Unit	40%			2024	\$16,900	1		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st, 2nd And 3rd Floors</i>								
<i>Explanation : 30 Percent New; 70 Percent Old</i>								
No Component	50%							
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$24,600	
<i>Abandoned in Place, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
Heat Rejection								
No Component	90%							
No Component	10%							
Ventilation								
Exhaust Fans								
Roof	5%			2026	\$800	2		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Kitchen Exhaust</i>								
No Component	95%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	**	1		
Water Heater								
Gas Fired	100%			2024	\$4,800	2	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 74 Gallon Units</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
<i>Corroded, Extent : Light, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Sump Pump(s)								
Rigid Piping	100%			2031	**	4	\$2,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Duplex Unit</i>								
Backflow Preventer								
No Component	90%							
Generic	10%			2034	**	1	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : At Boiler Only</i>								

Note : 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. 7
Asset # : 13006

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Fixtures								
Generic	100%							

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 : 02-May-2016 **Landmark Status** : NONE
Areas Surveyed : Floors x
Block : 2377 **Lot** : 1 **BIN** : 2001400

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$72,300	\$72,300
Interior Architecture	\$36,000	
Electrical		\$3,800
Mechanical		\$92,500
Total	\$108,300	\$168,600
Importance Code A	\$72,300	\$72,300
Importance Code B		\$96,300
Importance Code C	\$36,000	
Total	\$108,300	\$168,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$38,800		\$1,500	
Interior Architecture	\$57,800		\$1,900	\$300
Electrical	\$1,200	\$800	\$2,500	\$1,400
Mechanical	\$16,300	\$5,000	\$5,800	\$11,200
Total	\$114,100	\$5,800	\$11,700	\$12,900
Importance Code A	\$39,400	\$600	\$2,100	\$600
Importance Code B	\$70,900	\$5,200	\$9,000	\$12,400
Importance Code C	\$3,800		\$600	
Total	\$114,100	\$5,800	\$11,700	\$12,900



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 71/LADDER CO. 55/ DIVISION 6
Asset # : 13059

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick Cavity	10%	Now	\$19,700	LIFE	**	5	\$1,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Sides Of Overhead Doors And Side Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : All Facades</i>								
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Sides Of Overhead Doors And Side Facade</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Window Openings Throughout</i>								
Masonry: Brick Cavity	80%	4+	\$52,600	LIFE	**	5	\$14,100	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Perimeter Walls</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Perimeter Walls</i>								
Wood Overhead Doors	10%	0-2	\$11,100	2032	**	5	\$4,400	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	95%	Now	\$8,600	2035	**	5	\$2,100	
<i>Condensation Present, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : House Watch Window</i>								
Metal Louvers	5%			2030	**	10	\$1,400	
Parapets								
Masonry: Brick Cavity	30%			LIFE	**	5-10	\$4,200	
Metal Panel	70%	0-2	\$5,500	2037	**	5	\$2,800	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Metal Coping- Caulk Joints Failing Throughout</i>								
Roof								
Asphalt Shingle	5%			2030	**	10	\$200	
Built-Up (BUR)	70%	0-2	\$3,600	2027	\$72,300			
<i>Debris on Roof, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Center Section Of Flat Roof</i>								
Metal Panel	25%	2-4	\$6,400	2032	**			
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Cap Joints At Metal Panels</i>								

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.

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FIRE DEPARTMENT - 057
ENGINE CO. 71/LADDER CO. 55/ DIVISION 6
Asset # : 13059

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	**	5	\$19,100	
Cast in Place Concrete	20%	Now	\$7,200	LIFE	**	5	\$7,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Cellar</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Communications Room In Cellar And Apparatus Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Due To Ground Water Backup Through Floor Drains</i>								
<i>Explanation : Water Damage In Basement</i>								
Ceramic Tile	5%			2030	**	5	\$900	
Sheet Vinyl/Rubber	5%			2032	**	5	\$1,300	
Vinyl Tile	15%			2027		3	\$1,300	
Under Construction	30%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : Area Under Construction</i>								
Interior Walls								
Ceramic Tile	5%			2030	**	5	\$1,200	
Concrete Masonry Unit	35%	Now	\$36,000	LIFE	**	5	\$3,200	
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement Walls - Ground Water Penetration</i>								
Gypsum Board	2%			LIFE	**	5-10	\$800	
SGFT/Glazed Masonry	28%			LIFE	**	10	\$3,200	
Under Construction	30%							
Ceilings								
AcousTileSusp.Lay-In	10%			2040	**	5	\$1,700	
Exposed Struc: Steel	40%	Now	\$29,300	LIFE	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Apparatus Room</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Apparatus Room</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Apparatus Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Metal Decking</i>								
Gypsum Board	20%			LIFE	**	5-10	\$12,000	
Under Construction	30%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : Under Construction</i>								

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

Note : 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. 71/LADDER CO. 55/ DIVISION 6
Asset # : 13059

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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%			2037	**	5	\$300	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Main Service Switch Rated @ 600 Amperes.</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2037	**	5	\$300	
Raceway								
Conduit	100%			2037	**	1		
Panelboards								
Fused Disc Sw	2%			2035	**	5		
Molded Case Bkrs	88%			2035	**	5	\$300	
Molded Case Bkrs	10%			2026		5	\$3,800	
		<i>Covers Missing, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
Wiring								
Thermoplastic	100%			2037	**	1		
Motor Controllers								
Locally Mounted	100%			2025		5	\$14,400	\$100
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2032	**	1	\$3,600	
Generators								
Diesel	100%			2030	**	1	\$4,500	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement / Rear</i>						
		<i>Explanation : Emergency Generator Rated @ 50kw</i>						
Batteries								
Lead/Acid	100%			2020		5	\$1,500	\$400
Fuel Storage								
Day Tank	50%			2026		5	\$400	\$1,100
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : 25 Gallons Rated Capacity</i>						
Main Tank	50%			2042	**	5		\$200
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Underground</i>						
		<i>Explanation : 600 Gallons Rated Capacity</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.

FIRE DEPARTMENT - 057
ENGINE CO. 71/LADDER CO. 55/ DIVISION 6
Asset # : 13059

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting								
Fluorescent	95%			2027	\$30,000	10	\$10,200	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Fluorescent	5%			2027	\$1,600	10	\$500	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallways</i>						
Egress Lighting								
Emergency, Service	50%			2027	\$2,900	1		
Exit, Service	50%			2027	\$600	1		
Exterior Lighting								
HID	20%			2027	\$8,800	10		
No Component	80%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2037	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2025	\$26,200	1	\$5,800	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 3 Units</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2035	* *	4	\$900	
Terminal Devices								
Convactor/Radiator	50%			2025	\$54,900	1	\$1,900	
Unit Heater-Stm/HW	50%			2022	\$37,600	4	\$800	
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2025	\$9,600	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$5,100	
No Component	50%							
Exhaust Fans								
Roof	50%			2027	\$4,600	2	\$200	
Wall Unit	50%			2027	\$8,800	2	\$200	

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.

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FIRE DEPARTMENT - 057
ENGINE CO. 71/LADDER CO. 55/ DIVISION 6
Asset # : 13059

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping Brass/Copper	100%	Now	\$1,700	2037	* *	1		
			<i>Corroded, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Water Main Valve, Basement</i>					
Water Heater Gas Fired	100%			2025	\$2,700	2	\$200	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 2 - 74 Gallon Units</i>					
Sanitary Piping Cast Iron	100%	Now	\$1,300	LIFE	* *	1		
			<i>Blockage /Clogged, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Basement At Melrose Avenue Side</i>					
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Rigid Piping	100%			2032	* *	4	\$1,600	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Duplex Unit</i>					
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler No Component Generic	85%			2027	\$20,400	1-2	\$500	
	15%							
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement And 2nd Floor</i>					
			<i>Explanation : Serves Partial Basement And 2nd Floor Corridor</i>					
Chemical System Wet	100%			2022	\$28,400	1-3	\$63,700	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Kitchen</i>					
			<i>Explanation : Serves Cooking Area</i>					

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$89,400	\$14,700
Electrical		\$96,200
Mechanical	\$89,900	\$45,400
Total	\$179,300	\$156,300
Importance Code A	\$89,400	\$14,700
Importance Code B	\$89,900	\$141,600
Total	\$179,300	\$156,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$9,900	\$5,200		
Interior Architecture	\$13,200	\$900	\$1,700	\$6,500
Electrical	\$18,100	\$1,300	\$1,100	\$3,100
Mechanical	\$5,700	\$9,200	\$8,100	\$10,900
Elevators/Escalators	\$500			
Total	\$47,400	\$16,600	\$10,900	\$20,500
Importance Code A	\$10,600	\$6,000	\$800	\$10,000
Importance Code B	\$28,300	\$10,600	\$9,500	\$10,500
Importance Code C	\$8,500		\$700	
Total	\$47,400	\$16,600	\$10,900	\$20,500



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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	\$37,800	LIFE	**	5	\$25,100	
<i>Expansion Jnt Failure, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Between E73 And L42</i>								
Masonry: Granite	5%	Now	\$9,900	LIFE	**	5	\$1,300	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Front Facade.</i>								
Masonry: Limestone	10%			LIFE	**	5	\$2,500	
Metal Sect. OHD	10%			2039	**	5	\$10,500	
Windows								
Aluminum	100%			2042	**	5	\$3,500	
Parapets								
Masonry: Brick	90%			LIFE	**	5	\$2,800	
Masonry: Limestone	10%			LIFE	**	5	\$400	
<i>Loose Units, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : At Roof Ladder</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Parapet</i>								
<i>Explanation : Roof Ladder Causing Damage To Coping Stone</i>								
Roof								
Asphalt Shingle	10%			2035	**	10	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Addition Behind Building</i>								
<i>Explanation : Additional Storage Building On Property</i>								
Modified Bitumen	70%	Now	\$51,600	2036	**			
<i>Drains Clogged, Extent : Light, Area Affected : 2%</i>								
<i>Location : Both Roof Drains Need To Be Cleaned.</i>								
<i>Drains Inad/Misposn, Extent : Light, Area Affected : 5%</i>								
<i>Location : Roof Above 2nd Floor Bathroom.</i>								
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Upper And Lower Roof</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Upper Roof At Hvac Curb</i>								
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Upper Roof At Hvac Curb</i>								
<i>Explanation : Large Amount Of Water Trapped Below Roofing. Roof Is Bubbling</i>								
Modified Bitumen	20%			2026		10	\$2,500	

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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FIRE DEPARTMENT - 057
ENGINE CO. 73/LADDER CO. 42
Asset # : 13061

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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%			LIFE	**	5	\$19,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement Gymnasium</i>								
Ceramic Tile	5%			2035	**	5	\$1,100	
Linoleum	5%			2027	\$10,900	3	\$600	
Quarry Tile	5%			2039	**	5	\$1,700	
<i>Worn/Eroded, Extent : Light, Area Affected : 5%</i>								
<i>Location : Kitchen</i>								
Vinyl Tile	15%			2026	\$28,900	3	\$1,300	
Wood	30%			2061	**	5	\$12,800	
<i>Deteriorated Finish, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
Interior Walls								
Ceramic Tile	5%			2035	**	5	\$1,300	
Gypsum Board	25%	Now	\$600	LIFE	**	5	\$4,000	
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Second Floor Locker Room</i>								
Masonry: Brick	25%	Now	\$5,200	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Basement, Truck Side Under Sidewalk.</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 2%</i>								
<i>Location : Basement Gymnasium, Truck Side.</i>								
Plaster	20%	4+	\$2,200	LIFE	**	5	\$1,600	
<i>Worn/Eroded, Extent : Light, Area Affected : 5%</i>								
<i>Location : 3rd Floor Stair.</i>								
SGFT/Glazed Masonry	25%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	45%			2043	**	5	\$10,200	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout.</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Locations Throughout</i>								
Exposed Struc: Steel	25%			LIFE	**			
Gypsum Board	20%			LIFE	**	5	\$5,700	
Plaster	10%			LIFE	**	5	\$1,400	
Site Enclosure								
Fence/Gates								
Chain link	100%	Now	\$500	2052	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Rear Of Property</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Rear Of Building</i>								
<i>Explanation : Fence Has Been Vandalized</i>								
Site Pavements								

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FIRE DEPARTMENT - 057
ENGINE CO. 73/LADDER CO. 42
Asset # : 13061

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

Site Pavements

Parking/Driveway

Cast in Place Concrete	100%	Now	\$16,300	2039	**			
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*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 Replacement		Maintenance		Priority
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%			2046	**	5	\$100	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 400 Amps.*

Switchgear / Switchboard

Fused Disc Sw	100%			2046	**	5	\$100	
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Raceway

Conduit	100%			2046	**	1		
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Panelboards

Molded Case Bkrs	100%			2034	**	5	\$400	
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Wiring

Thermoplastic	100%			2036	**	1		
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Motor Controllers

Locally Mounted	100%			2031	**	5	\$100	
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Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$200	
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Stand-by Power

Transfer Switches

Automatic	100%			2043	**	1	\$4,700	
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*Recent Installation, Extent : Light, Area Affected : 100%**Location : Basement*

Generators

Diesel	100%			2039	**	1	\$5,900	
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*Recent Installation, Extent : Light, Area Affected : 100%**Location : Side Parking Area**Other Observation, Extent : Light, Area Affected : 100%**Location : Side Parking Lot**Explanation : 125 Kva*

Batteries

Lead/Acid	100%			2021	\$1,500	5	\$600	
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*Recent Installation, Extent : Light, Area Affected : 100%**Location : Side Parking Lot Within Generator Enclosure*

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FIRE DEPARTMENT - 057
ENGINE CO. 73/LADDER CO. 42
Asset # : 13061

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Fuel Storage								
Day Tank	100%			2048	**	5	\$2,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Side Parking Area</i>								
<i>Explanation : 225 Gallons</i>								
Lighting								
Interior Lighting								
Fluorescent	95%			2026	\$39,000	10	\$13,200	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Incandescent	5%			2026	\$4,900	2		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Stair Tower</i>								
<i>Explanation : Jellyjars</i>								
Egress Lighting								
Emergency, Service	50%			2026	\$3,700	1		
Exit, Service	50%			2026	\$800	1		
Exterior Lighting								
HID	100%			2026	\$57,200	10		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior</i>								
<i>Explanation : Photocell Control</i>								
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	0-2	\$15,700	2036	**	1-3	\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Obsolete</i>								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2046	**	1		
Conversion Equipment								
Furnace	50%			2021	\$9,300	1	\$3,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 6 Gas Fired Heating / Cooling Units. See A C Section For Notes</i>								
Hot Water Boiler	50%			2031	**	1	\$3,800	
Distribution								
Hot Wtr Piping/Pump	100%			2042	**	4	\$1,100	

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FIRE DEPARTMENT - 057
ENGINE CO. 73/LADDER CO. 42
Asset # : 13061

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Terminal Devices								
Convector/Radiator	80%			2039	**	1	\$3,900	
Fan Coil Unit/Heat	20%			2026	\$45,400	1	\$1,000	
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%	2-4	\$89,900	2036	**	2	\$700	
		<i>Broken, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : 2nd Floor</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Units Past Useful Life. Prone To Failures Requires Frequent Repair</i>						
Split Unit	10%	2-4	\$3,500	2034	**			
		<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Indoor Unit Old And Insufficient</i>						
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$19,700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,500	
Exhaust Fans								
Interior	100%			2031	**	2	\$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	**	1		
Water Heater								
Gas Fired	100%			2025	\$3,500	2	\$200	
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 - 75 Gallon Units</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2019	\$6,700	4	\$2,500	
Fixtures								
Generic	100%							
Fire Suppression								

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FIRE DEPARTMENT - 057
ENGINE CO. 73/LADDER CO. 42
Asset # : 13061

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
Fire Suppression Sprinkler Generic	100%			2046	* *	1-2	\$4,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Kitchen</i> <i>Explanation : System Serves Cooking Area</i>								

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Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : ENGINE CO. 75 /LADDER CO. 33 /BATTALION 19
Address : 2175 WALTON AVENUE
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSECO.075 / 13063 **Yr Built/Renovated** : 2000 / 2011
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$77,100
Total		\$77,100
Importance Code A		\$77,100
Total		\$77,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture		\$3,700		
Interior Architecture	\$45,100	\$900	\$2,900	
Electrical	\$1,600	\$3,600	\$1,600	\$4,600
Mechanical	\$9,400	\$5,900	\$10,400	\$9,500
Total	\$56,100	\$14,100	\$14,900	\$14,000
Importance Code A	\$600	\$4,300	\$600	\$600
Importance Code B	\$45,700	\$9,800	\$12,800	\$13,400
Importance Code C	\$9,800		\$1,500	
Total	\$56,100	\$14,100	\$14,900	\$14,000



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FIRE DEPARTMENT - 057
ENGINE CO. 75 /LADDER CO. 33 /BATTALION 19
Asset # : 13063

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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	85%			LIFE	**	5	\$12,500	
Exposed Struc: Steel	2%			LIFE	**	5	\$1,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Located At Entry And Paved Plaza/ Roof</i>								
<i>Explanation : Steel Awnings</i>								
Metal Sect. OHD	10%			2039	**	5	\$7,300	
Pre-Cast Concrete	3%			LIFE	**	5	\$2,300	
Windows								
Aluminum	95%			2042	**	5	\$2,000	
Glass Block	5%			LIFE	**	5	\$100	
Parapets								
Concrete Masonry Unit	85%			LIFE	**	5	\$6,100	
Pre-Cast Concrete	15%			LIFE	**	5	\$6,000	
Roof								
Modified Bitumen	80%			2026		\$77,100	10	\$13,300
<i>Alligatoring, Extent : Light, Area Affected : 50%</i>								
<i>Location : At Seams, Throughout Main Roof.</i>								
<i>Ponding, Extent : Light, Area Affected : 5%</i>								
<i>Location : Center Main Roof.</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 15%</i>								
<i>Location : Main Roof Adjacent To Parapets</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout Main Roof</i>								
Panel/Paver: Cer/Brk	20%			2046	**	10	\$4,400	
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$3,900	LIFE	**	5	\$16,400	
<i>Horizontal Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Basement And Apparatus Floor.</i>								
Ceramic Tile	15%			2035	**	5	\$2,800	
Quarry Tile	5%	Now	\$13,500	2039	**	5	\$700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Kitchen</i>								
<i>Uneven Substrate, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Kitchen</i>								
Vinyl Tile	40%			2031	**	3	\$2,800	
Interior Walls								
Ceramic Tile	15%			2035	**	5	\$2,900	
Concrete Masonry Unit	45%	Now	\$9,800	LIFE	**	5	\$3,500	
<i>Vertical Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Locations on Apparatus Floor.</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : North And East Walls Of Apparatus Floors, Stair Bulkhead.</i>								
<i>Explanation : Paint Peeling.</i>								
Gypsum Board	40%			LIFE	**	5	\$4,700	

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FIRE DEPARTMENT - 057
ENGINE CO. 75 /LADDER CO. 33 /BATTALION 19
Asset # : 13063

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	45%	Now	\$1,400	2039	**	5	\$4,200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : 2nd Floor Laundry Room.</i>								
Exposed Concrete	55%	Now	\$16,600	LIFE	**	5	\$1,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 4%</i>								
<i>Location : Roof Stair Bulkhead And Basement Below Kitchen</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
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%			2046	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 600 Amps Service</i>								
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	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	**	1	\$3,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 200 Amps</i>								
Generators								
Diesel	100%			2029	**	1	\$4,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Exterior</i>								
<i>Explanation : 64 Kw</i>								
Batteries								
Lead/Acid	100%			2019	\$1,500	5	\$500	
Fuel Storage								
Main Tank	100%			2041	**	5	\$400	

Lighting

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FIRE DEPARTMENT - 057
ENGINE CO. 75 /LADDER CO. 33 /BATTALION 19
Asset # : 13063

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

Lighting

Interior Lighting Fluorescent	100%			2026	\$34,000	10	\$11,500	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

Egress Lighting Emergency, Service	50%			2026	\$3,100	1		
Exit, Battery	50%			2021	\$2,300	10	\$400	

Exterior Lighting HID	100%			2031	* *	10		
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Alarm

Fire/Smoke Detection Generic, Digital	100%			2034	* *	1-3	\$7,700	
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Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Heating

Energy Source Natural Gas	100%			2046	* *	1		
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Conversion Equipment Furnace	50%			2031	* *	1	\$3,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 7 - Gas Fired Heating / Cooling Units</i>								

Hot Water Boiler	50%			2039	* *	1	\$3,100	
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Distribution Ductwork/Diffusers	50%			LIFE	* *	2-5	\$3,500	
Hot Wtr Piping/Pump	50%			2042	* *	4	\$500	

Terminal Devices Convactor/Radiator	98%			2039	* *	1	\$4,000	
Unit Heater-Stm/HW	2%			2031	* *	4		

Air Conditioning

Energy Source Electricity	100%			2042	* *	1		
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Conversion Equipment Ext Pkg Unit - Heating/Cooling	98%			2031	* *	2	\$800	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								

Split Unit	2%			2031	* *			
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Distribution Ductwork/Diffusers	100%			LIFE	* *	2	\$16,300	
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Ventilation

Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,000	
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*Note : 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. 75 /LADDER CO. 33 /BATTALION 19
Asset # : 13063

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Exhaust Fans								
Roof	100%			2031	* *	2	\$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	\$2,900	2	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 - 75 Gallon Units</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	\$2,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Duplex Unit</i>						
Backflow Preventer								
Generic	100%			2031	* *	1	\$800	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2024	\$26,100	1-3	\$55,000	

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 : 11-May-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 1855 **Lot** : 5 **BIN** : 1055910

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$68,000
Interior Architecture		\$67,800
Total		\$135,800
Importance Code A		\$68,000
Importance Code B		\$67,800
Total		\$135,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$75,300			
Interior Architecture	\$68,700		\$2,100	\$800
Electrical	\$1,100		\$200	
Mechanical	\$9,800	\$4,600	\$4,200	\$8,400
Total	\$154,900	\$4,600	\$6,500	\$9,200
Importance Code A	\$75,300			
Importance Code B	\$71,200	\$4,600	\$5,900	\$9,200
Importance Code C	\$8,400		\$600	
Total	\$154,900	\$4,600	\$6,500	\$9,200



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
ENGINE CO. 76/LADDER CO. 22 CO-LOCATE (PRECINCT 24)
Asset # : 13064

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	\$31,100	
Masonry: Granite	5%			LIFE	**	5	\$1,700	
Masonry: Limestone	10%			LIFE	**	5	\$3,300	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Street Facade</i>								
Wood	5%			2032	**	5	\$5,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Rear Of Lot</i>								
<i>Explanation : Built Out Addition - Cooking Surround</i>								
Wood Overhead Doors	10%			2032	**	5	\$11,100	
Windows								
Aluminum	100%	Now	\$23,300	2052	**	5	\$300	1
<i>Air Infiltration, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Windows Are Very Old, Corroded, Single-glazed And Inoperable. They Should Be Replaced.</i>								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	**	5-10	\$8,700	
Masonry: Brick	80%			LIFE	**	5-10	\$8,400	
Roof								
Roll Roofing	100%	Now	\$20,400	2026	\$68,000	5	\$13,800	
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Debris Present, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Center Of Roof</i>								
<i>Ponding, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Center Of Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Bunk Room And Rear Stairs</i>								
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.

FIRE DEPARTMENT - 057
ENGINE CO. 76/LADDER CO. 22 CO-LOCATE (PRECINCT 24)

Asset # : 13064

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	50%	Now	\$18,300	LIFE	**	5	\$19,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Apparatus Room</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Engine Bay Of Appartaus Room</i>								
Ceramic Tile	5%	0-2	\$900	2030	**	5	\$400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Locker Room</i>								
Ceramic Tile	5%	Now	\$17,000	2042	**	5	\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Chief, Officer And Laundry Room</i>								
<i>Explanation : Tile Beyond Useful Life</i>								
Quarry Tile	5%			2040	**	5	\$1,300	
Vinyl Tile 9" X 9"	35%	0-2	\$6,800	2027	\$67,800	3	\$2,300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Second Floor Corridor</i>								
Interior Walls								
Ceramic Tile	10%			2030	**	5	\$1,200	
Gypsum Board	10%			LIFE	**	5-10	\$2,000	
Plaster	20%	Now	\$3,700	LIFE	**	5	\$700	
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Apparatus Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Rear Stair And Bunk Room</i>								
SGFT/Glazed Masonry	60%			LIFE	**	10	\$3,500	
Ceilings								
AcousTileSusp.Lay-In	10%			2040	**	5	\$1,800	
Exposed Concrete	40%			LIFE	**	5-10	\$8,800	
Plaster	50%			LIFE	**	5-10	\$15,100	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2037	**	1		
Panelboards								
Fused Disc Sw	10%			2035	**	5		
Molded Case Bkrs	90%			2035	**	5	\$300	
Wiring								
Thermoplastic	100%			2037	**	1		
Motor Controllers								
Locally Mounted	100%			2032	**	5	\$100	

Lighting

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

Maintenance \$ are aggregated over a 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

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2027	\$31,200	10	\$10,600	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Fluorescent	9%			2022	\$3,100	10	\$1,100	
		<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
LED	1%			2035	* *			
Exterior Lighting								
HID	20%			2022	\$9,700	10		
No Component	80%							

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								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : The Heating Source (Hot Water) Is From Adjacent Building (Police Station)</i>						
Conversion Equipment								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : The Heating Source (Hot Water) Is From Adjacent Building (Police Station)</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2035	* *	4	\$900	
Terminal Devices								
Convactor/Radiator	60%			2032	* *	1	\$2,500	
Unit Heater-Stm/HW	40%			2027	\$33,000	4	\$700	
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Split Unit	10%			2032	* *			
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 1 Unit. R-410a</i>						
Window/Wall Unit	50%			2022	\$13,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	\$2,300	
No Component	80%							

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

Maintenance \$ are aggregated over a 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

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Exhaust Fans								
Roof	20%			2027	\$2,000	2	\$100	
Wall Unit	30%			2022	\$5,800	2	\$100	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Electric	100%			2025	\$2,000	4	\$100	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1st Floor</i>					
			<i>Explanation : 2 - 120 Gallon Units</i>					
Sanitary Piping								
Cast Iron	100%	Now	\$600	LIFE	* *	1		
			<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : 1st Floor Operational Area</i>					
			<i>Explanation : The Cover Is Missing</i>					
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
			<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Fire Suppression								
Chemical System								
Generic	100%			2022	\$26,100	1-3	\$55,000	

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 / 2006
Area Sq Ft : 9,897 **Project Type** : FIRE DEPARTMENT
Date of Survey : 06-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 1306 **Lot** : 33 **BIN** : 1036462

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$50,800	
Total	\$50,800	
Importance Code A	\$50,800	
Total	\$50,800	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$4,300		\$10,300	
Interior Architecture	\$30,000		\$600	\$1,800
Electrical	\$700	\$600	\$800	\$600
Mechanical	\$14,800	\$5,400	\$5,600	\$9,800
Total	\$49,800	\$6,000	\$17,200	\$12,200
Importance Code A	\$4,300		\$10,300	
Importance Code B	\$33,800	\$6,000	\$6,900	\$11,100
Importance Code C	\$11,700			\$1,100
Total	\$49,800	\$6,000	\$17,200	\$12,200



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
ENGINE CO. 8
Asset # : 13007

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Granite	30%			LIFE	**	5	\$2,200	
Metal/Glass Curt Wall	35%			LIFE	**	5	\$6,400	
Metal Sect. OHD	35%			2040	**	5	\$5,300	
Windows								
Aluminum	50%	Now	\$50,800	2052	**	5	\$600	
<i>Air Infiltration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Metal Louvers	50%			2030	**	10	\$7,600	
Interior								
Floors								
Cast in Place Concrete	45%	0-2	\$6,900	LIFE	**	5	\$14,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout The Apparatus Floor</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout The Apparatus Floor</i>								
Ceramic Tile	10%	Now	\$2,900	2036	**	5	\$700	
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 1st Floor Bathroom - From Floor Drain Backup</i>								
Quarry Tile	5%			2040	**	5	\$1,100	
Vinyl Tile	40%	Now	\$2,500	2032	**	3	\$2,200	
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Company Office - From Abutting Property</i>								
Interior Walls								
Ceramic Tile	10%			2036	**	5	\$2,100	
Gypsum Board	30%	Now	\$5,200	LIFE	**	5	\$3,800	
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Company Office - From Abutting Property</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Second Floor</i>								
<i>Explanation : Unfinished Drywall At Multiple Locations</i>								
Plaster	10%			LIFE	**	5-10	\$1,800	
SGFT/Glazed Masonry	50%			LIFE	**	10	\$5,300	
Ceilings								
AcousTileSusp.Lay-In	40%	2-4	\$2,100	2040	**	5	\$1,300	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Multiple Locations At The Second Floor</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
Gypsum Board	60%	Now	\$3,900	LIFE	**	5	\$4,900	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Storage Room And Gymnasium</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Apparatus Room - From Bathroom Above</i>								

Note : 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. 8
Asset # : 13007

Electrical		Current Repair		Future Replacement		Maintenance		Priority
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%			2047	**	1		
Panelboards								
Fused Disc Sw	10%			2043	**	5		
Molded Case Bkrs	90%			2043	**	5	\$200	
Wiring								
Thermoplastic	100%			2047	**	1		
Motor Controllers								
Locally Mounted	100%			2040	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	98%			2032	**	10	\$8,900	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	1%			2032	**	10	\$100	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
LED	1%			2032	**			
Egress Lighting								
Emergency, Service	50%			2032	**	1		
Exit, LED	50%			2055	**	1		
Exterior Lighting								
HID	10%			2027	\$100	10		
No Component	90%							
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2032	**	1-3	\$6,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Smoke Detectors, Strobe Lights, Manual Pull Stations, Alarm Bells And Horns</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
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%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Heating Source Provided By The Building</i>								
Conversion Equipment								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Heating Source Provided By The Building</i>								

Note : 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. 8
Asset # : 13007

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Distribution							
Ductwork/Diffusers	50%			LIFE	**	2-5	\$4,400
Steam Piping/Pump	50%			2037	**	4	\$200
Terminal Devices							
Air Handler	30%			2032	**	1	\$1,800
Convactor/Radiator	40%			2032	**	1	\$1,300
Unit Heater-Stm/HW	30%			2027		4	\$400
Air Conditioning							
Energy Source							
Electricity	100%			2035	**	1	
Conversion Equipment							
Split Unit	50%			2027			\$22,800
<i>R-22 Refrigerant, Extent : Light, Area Affected : 50%</i>							
<i>Location : 4 Units, Various</i>							
Window/Wall Unit	10%			2022		1	\$2,000
No Component	40%						
Terminal Devices							
Fan Coil - Cooling	50%			2027		1	\$1,600
No Component	50%						
Heat Rejection							
Evap Condenser	50%			2027		2	\$3,400
No Component	50%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,700
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
<i>Location : Throughout</i>							
<i>Explanation : The Air Circulation Is Very Poor Due To The Building Setup.</i>							
Exhaust Fans							
Interior	100%			2032	**	2	\$300
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2047	**	1	
Water Heater							
Electric	100%			2026		4	\$100
Sanitary Piping							
Cast Iron	100%	Now	\$1,100	LIFE	**	1	
<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>							
<i>Location : Water Leaks From 2nd Floor Shower Room To 1st Floor Garage</i>							
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Backflow Preventer							
Not Accessible	100%						
Fixtures							
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.

Maintenance \$ are aggregated over a 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. 8
Asset # : 13007

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
Fire Suppression	Sprinkler								
	Generic	100%			2047	* *	1-2	\$2,800	
Fire Pump	Not Accessible	100%							
Chemical System	Generic	100%			2022	\$26,100	1-3	\$55,000	

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 : 13-Jul-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2071 **Lot** : 27 **BIN** : 1075504

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$87,600	
Total	\$87,600	
Importance Code A	\$87,600	
Total	\$87,600	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$31,300	\$7,500		
Interior Architecture	\$42,000		\$3,800	\$2,900
Electrical	\$2,000	\$1,000	\$900	\$900
Mechanical	\$9,400	\$10,600	\$6,200	\$5,100
Total	\$84,700	\$19,100	\$10,800	\$8,800
Importance Code A	\$32,500	\$8,500	\$1,100	\$1,100
Importance Code B	\$41,900	\$10,600	\$9,800	\$4,900
Importance Code C	\$10,300			\$2,900
Total	\$84,700	\$19,100	\$10,800	\$8,800



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 80/LADDER 23
Asset # : 13066

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	\$87,600	LIFE	**	5	\$29,100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Upper Story - Street Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Street Facade - Upper Right Corner</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Street Facade - Upper Right Corner</i>								
Masonry: Limestone	15%			LIFE	**	5	\$8,700	
Metal Sect. OHD	10%			2044	**	5	\$12,100	
Windows								
Aluminum	100%			2049	**	5	\$2,800	
Parapets								
Masonry: Brick	25%			LIFE	**	5-10	\$4,200	
Masonry: Brick	50%	Now	\$3,600	LIFE	**	5	\$1,200	
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 3rd Floor Gymnasium Street Façade</i>								
Masonry: Limestone	15%			LIFE	**	5-10	\$4,500	
Pre-Cast Concrete	5%			LIFE	**	5	\$1,600	
Slate	5%			LIFE	**	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Coping</i>								
<i>Explanation : Material Actually Bluestone</i>								
Roof								
Modified Bitumen	97%	Now	\$14,800	2032	**			
<i>Alligatoring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Lap Joints Throughout</i>								
<i>Blisters, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Debris Present, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Central Roof</i>								
Skylight, Metal/Glass	3%			2047	**	10	\$1,300	
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.

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FIRE DEPARTMENT - 057
ENGINE CO. 80/LADDER 23
Asset # : 13066

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	37%	Now	\$12,300	LIFE	**	5	\$12,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Cellar</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Back Up From Floor Drains In Heavy Storms</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Floor Drains</i>								
Ceramic Tile	5%	Now	\$1,500	2030	**	5	\$400	
<i>Worn/Eroded, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Locker Rooms</i>								
Quarry Tile	3%			2032	**	5	\$700	
Vinyl Tile	55%			2032	**	3	\$3,300	
<i>Uneven Surface, Extent : Light, Area Affected : 15%</i>								
<i>Location : Second And Third Floors</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 20%</i>								
<i>Location : Second And Third Floors</i>								
Interior Walls								
Ceramic Tile	30%			2036	**	5	\$5,700	
Concrete Masonry Unit	10%			LIFE	**	5	\$1,500	
Gypsum Board	40%			LIFE	**	5-10	\$13,000	
Masonry: Brick	20%			LIFE	**	10	\$1,100	
Ceilings								
AcousTileSusp.Lay-In	35%			2040	**	5	\$5,400	
Exposed Concrete	20%			LIFE	**	5-10	\$3,800	
Exposed Struc: Steel	20%			LIFE	**	10	\$6,100	
Gypsum Board	25%			LIFE	**	5-10	\$13,200	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2053	**	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 200 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	**	5	\$300	
Raceway								
Conduit	100%			2053	**	1		
Panelboards								
Fused Disc Sw	5%			2049	**	5		
Molded Case Bkrs	95%			2049	**	5	\$300	
Wiring								
Thermoplastic	100%			2053	**	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.

FIRE DEPARTMENT - 057
ENGINE CO. 80/LADDER 23
Asset # : 13066

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2044	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	**	1	\$3,300	
Generators								
Diesel	100%			2040	**	1	\$4,100	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : One 80 Kw / 100 Kva, 3 Phase, 208/120 V</i>					
Batteries								
Lead/Acid	100%			2022	\$1,500	5	\$400	
Fuel Storage								
Day Tank	50%			2043	**	5	\$1,000	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : One 100 Gallons</i>					
Main Tank	50%			2062	**	5	\$200	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : One 550 Gallons</i>					
Lighting								
Interior Lighting								
Fluorescent	88%			2035	**	10	\$8,600	
			<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
Fluorescent	10%			2035	**	10	\$1,000	
			<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Gymnasium</i>					
Incandescent	2%			2035	**	2		
Egress Lighting								
Emergency, Service	60%			2035	**	1		
Exit, Service	40%			2035	**	1		
Exterior Lighting								
HID	100%			2035	**	10		
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2035	**	1-3	\$1,300	

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

Note : 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. 80/LADDER 23
Asset # : 13066

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2047	**	1		
Conversion Equipment								
Steam Boiler	100%			2040	**	1	\$10,600	
Distribution								
Steam Piping/Pump	100%			2047	**	4	\$800	
Terminal Devices								
Convactor/Radiator	80%			2040	**	1	\$2,800	
Unit Heater-Stm/HW	20%			2032	**	4	\$200	
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	70%			2032	**	2	\$500	
			<i>Other Observation, Extent : Light, Area Affected : 70%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : 3 Units. R - 410 A Refrigerant</i>					
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,400	
Exhaust Fans								
Roof	100%			2032	**	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2047	**	1		
Water Heater								
Gas Fired	100%			2025	\$2,500	2	\$200	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 2 - 75 Gallon Units</i>					
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%	Now	\$700	LIFE	**	1		
			<i>Blockage /Clogged, Extent : Severe, Area Affected : 15%</i>					
			<i>Location : Operational Area And Rear Side Of Basement.</i>					
Sump Pump(s)								
Rigid Piping	100%			2027	\$11,000	4	\$2,500	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057
ENGINE CO. 80/LADDER 23
Asset # : 13066

Mechanical		Current Repair		Future Replacement		Maintenance		Priority	
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Type		Total	(Years)		FY		(Yrs)		
Fire Suppression	Chemical System								
	Generic	100%			2025	\$26,100	1-3	\$50,600	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
			<i>Location : Kitchen</i>						
			<i>Explanation : 1 Set</i>						

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$44,500	
Total	\$44,500	
Importance Code A	\$44,500	
Total	\$44,500	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$12,000			\$14,200
Interior Architecture	\$40,900	\$500	\$500	\$1,900
Electrical	\$33,600			\$1,700
Mechanical	\$13,900	\$5,400	\$7,400	\$34,000
Total	\$100,400	\$6,000	\$7,900	\$51,700
Importance Code A	\$13,200	\$1,200	\$1,200	\$15,400
Importance Code B	\$83,900	\$4,800	\$6,200	\$36,400
Importance Code C	\$3,300		\$500	
Total	\$100,400	\$6,000	\$7,900	\$51,700



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 84
Asset # : 13070

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	**	5	\$8,700	
Masonry: Limestone	25%	Now	\$44,500	LIFE	**	5	\$2,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Adjacent To Overhead Doors</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Street Facade</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Front Facade At 1st Floor</i>								
Wood Overhead Doors	10%	Now	\$4,600	2031	**	5	\$3,400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 15%</i>								
<i>Location : Main Access Door Hardware</i>								
<i>Deteriorated Finish, Extent : Light, Area Affected : 15%</i>								
<i>Location : Base Of Doors</i>								
Windows								
Aluminum	100%			2042	**	5	\$300	
Parapets								
Masonry: Brick	60%			LIFE	**	5	\$1,000	
Metal Cornice	25%			2061	**	10	\$1,400	
Stucco Cement	15%	Now	\$7,300	2046	**	5	\$300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Located Behind Front Facade</i>								
Roof								
Modified Bitumen	90%			2031	**	10	\$12,800	
<i>Blisters, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Skylight, Metal/Glass	10%			2046	**	10	\$4,700	
Interior								
Floors								
Cast in Place Concrete	50%	Now	\$5,600	LIFE	**	5	\$21,500	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Epoxy Paint Finish At Apparatus Floor</i>								
Ceramic Tile	5%	Now	\$400	2035	**	5	\$500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : First Floor Bathroom</i>								
Vinyl Tile	40%	Now	\$1,500	2031	**	3	\$2,900	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : 3rd Floor</i>								
Wood	5%			2041	**	5	\$1,800	

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 84
Asset # : 13070

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2035	**	5	\$900	
Masonry: Brick	20%			LIFE	**			
Plaster	40%	Now	\$3,300	LIFE	**	5	\$2,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Hose Drying Rack/ Bulkhead At Roof Level</i>								
SGFT/Glazed Masonry	35%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	5%			2039	**	5	\$1,000	
Embossed Metal	30%			LIFE	**	5	\$2,700	
Exposed Concrete	20%	Now	\$27,600	LIFE	**	5	\$600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement</i>								
Plaster	45%	Now	\$2,500	LIFE	**	5	\$5,500	
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Third Floor</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : 3rd Floor Gymnasium</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$5,300	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 200 Amps.</i>								
Raceway								
Conduit	100%			2036	**	1		
Panelboards								
Molded Case Bkrs	20%			2042	**	5	\$100	
Molded Case Bkrs	80%	0-2	\$33,600	2051	**	5	\$100	
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Wiring								
Thermoplastic	100%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2024	\$15,700	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 84
Asset # : 13070

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	78%			2026	\$27,200	10	\$8,400	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Incandescent	2%			2021	\$1,600	2		
LED	20%			2034	**			
Exterior Lighting								
HID	100%			2031	**	10		

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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 Convactor/Radiator	100%			2031	**	1	\$3,800	
Air Conditioning								
Energy Source Electricity	100%			2042	**	1		
Conversion Equipment Exterior Pkg Unit - Cooling	20%			2031	**	2	\$100	
Window/Wall Unit	80%			2021	\$21,200	1		
Distribution Ductwork/Diffusers	20%			LIFE	**	2	\$3,100	
No Component	80%							
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,600	
Exhaust Fans								
Roof	20%			2026	\$2,000	2	\$100	
Wall Unit	80%			2026	\$15,600	2	\$300	
Plumbing								
H/C Water Piping Brass/Copper	100%			2046	**	1		
Water Heater Gas Fired	100%			2021	\$3,000	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 75 Gallon Units</i>								

Note : 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. 84
Asset # : 13070

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
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%			2018	\$3,600	4	\$1,200	
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
				<i>Location : Basement</i>					
				<i>Explanation : Serves 1 Side Of Basement Only</i>					
	No Component	50%							
	Backflow Preventer								
	Generic	100%			2031	* *	1	\$700	
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
				<i>Location : 1st Floor</i>					
				<i>Explanation : Piped From Basement Up To 1st Floor</i>					
	Fixtures								
	Generic	100%							
Fire Suppression									
	Chemical System								
	Generic	100%			2024	\$28,500	1-3	\$55,000	

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Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$57,100
Interior Architecture	\$151,400	
Electrical		\$115,500
Total	\$151,400	\$172,600
Importance Code A		\$57,100
Importance Code B	\$151,400	\$115,500
Total	\$151,400	\$172,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$28,200	\$4,400		
Interior Architecture	\$39,800	\$5,300	\$3,400	\$1,900
Electrical	\$12,100		\$100	\$200
Mechanical	\$9,800	\$5,400	\$14,200	\$26,700
Total	\$90,000	\$15,200	\$17,600	\$28,700
Importance Code A	\$29,500	\$5,600	\$1,200	\$1,200
Importance Code B	\$54,200	\$9,500	\$14,800	\$27,500
Importance Code C	\$6,300		\$1,600	
Total	\$90,000	\$15,200	\$17,600	\$28,700



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

FIRE DEPARTMENT - 057
ENGINE CO. 88
Asset # : 13071

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	**	5	\$30,500	
Masonry: Granite	3%			LIFE	**	5	\$900	
Masonry: Limestone	10%			LIFE	**	5	\$2,900	
<i>Staining/Discoloring, Extent : Light, Area Affected : 5%</i>								
<i>Location : Front Facade, 3rd Floor.</i>								
Metal Sect. OHD	7%			2039	**	5	\$8,300	
Windows								
Aluminum	100%			2042	**	5	\$3,500	
Parapets								
Masonry: Brick	80%	Now	\$27,600	LIFE	**	5	\$2,400	
<i>Spalling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Main Roof</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Main Roof</i>								
Masonry: Limestone	20%			LIFE	**	5	\$800	
<i>Staining/Discoloring, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout.</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Main Roof</i>								
Roof								
Asphalt Shingle	10%			2029	**	10	\$200	
Built-Up (BUR)	20%	Now	\$600	2026			\$12,800	
<i>Debris on Roof, Extent : Light, Area Affected : 2%</i>								
<i>Location : Main Roof.</i>								
<i>Miss/Damaged Flashings, Extent : Light, Area Affected : 5%</i>								
<i>Location : Main Roof Bulkhead Door Saddle</i>								
Modified Bitumen	70%			2026			\$57,100	10
<i>Alligating, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout Seams.</i>								
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$23,500	LIFE	**	5	\$16,500	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Apparatus Floor.</i>								
Ceramic Tile	15%			2035	**	5	\$2,800	
Vinyl Tile	15%			2026			\$24,000	3
Wood	30%			2054	**	5	\$10,600	

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 88
Asset # : 13071

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	10%			2035	**	5	\$3,200	
Gypsum Board	15%			LIFE	**	5	\$2,800	
Masonry: Brick	20%			LIFE	**			
Marble Panels	20%			LIFE	**			
Plaster	25%	Now	\$6,300	LIFE	**	5	\$2,400	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Hose Tower</i>								
SGFT/Glazed Masonry	10%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	20%			2031	**	5	\$3,800	
Embossed Metal	30%	Now	\$9,900	LIFE	**	5	\$2,500	
<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Apparatus</i>								
<i>Broken/Missing Elements, Extent : Light, Area Affected : 15%</i>								
<i>Location : Apparatus Floor And Hose Tower</i>								
Exposed Concrete	25%	Now	\$151,400	LIFE	**	5	\$700	
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Concrete Missing, Exposing Beams In Basement Ceiling, Shoring Erected Throughout.</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Basement.</i>								
<i>Spalling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement Ceiling Under Jack Hoists</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement.</i>								
<i>Explanation : Structurally Insufficient</i>								
Plaster	25%			LIFE	**	5	\$2,900	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$4,800	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 100 Amp Service Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	\$48,800	5	\$300	
Raceway								
Conduit	100%			2026	\$31,300	1		
Panelboards								
Molded Case Bkrs	50%			2042	**	5	\$200	
Molded Case Bkrs	50%			2025	\$19,200	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
ENGINE CO. 88
Asset # : 13071

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2026	\$27,700	1		
Ground								
Grounding Devices								
Generic	100%	Now	\$1,900	LIFE		**	5	\$200
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Ground Wire Not Connected To Water Pipe.</i>								
Lighting								
Interior Lighting								
Fluorescent	70%			2026	\$23,900	10		\$8,100
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	30%	0-2	\$10,200	2036		**		
<i>Inadequate Lighting Level, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Exterior Lighting								
HID	100%			2026	\$47,500	10		
Mechanical		Current Repair		Future Replacement		Maintenance		Priority
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	5%			2031		**	1	\$300
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Engine Bays</i>								
<i>Explanation : 2 - Gas Fired Unit Heaters</i>								
Steam Boiler	95%			2039		**	1	\$11,900
Distribution								
Steam Piping/Pump	100%			2036		**	4	\$600
Terminal Devices								
Convactor/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	\$16,800	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE		**	2-5	\$7,000

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 88
Asset # : 13071

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 - 75 Gallon Unit</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2020	\$6,700	4	\$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2024	\$26,100	1-3	\$55,000	

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : ENGINE CO. 90/LADDER CO. 41
Address : 1843 WHITE PLAINS ROAD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSECO.090 / 13073 **Yr Built/Renovated** : 1909 / 2003
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 2018 - 2021	FY 2022 - 2027
Interior Architecture	\$71,600	
Electrical	\$48,800	
Total	\$120,400	
Importance Code B	\$120,400	
Total	\$120,400	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$18,800	\$10,600		
Interior Architecture	\$55,900	\$1,600		\$2,000
Electrical	\$35,600			\$13,500
Mechanical	\$9,900	\$5,400	\$14,500	\$29,100
Total	\$120,200	\$17,600	\$14,500	\$44,600
Importance Code A	\$24,900	\$11,800	\$1,200	\$1,200
Importance Code B	\$51,200	\$5,100	\$13,200	\$43,400
Importance Code C	\$44,200	\$600		
Total	\$120,200	\$17,600	\$14,500	\$44,600



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 90/LADDER CO. 41
Asset # : 13073

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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	\$23,700	
<i>Recent Repair Evident, Extent : Light, Area Affected : 30%</i>								
<i>Location : Front Facade</i>								
Masonry: Granite	7%			LIFE	**	5	\$1,900	
Masonry: Limestone	7%	Now	\$5,600	LIFE	**	5	\$1,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Front Facade</i>								
Masonry: Limestone	8%			LIFE	**	5	\$2,200	
Stucco Cement	3%			2043	**	5	\$2,700	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Front Facade</i>								
Wood Overhead Doors	10%			2039	**	5	\$18,200	
Windows								
Aluminum	100%			2034	**	5	\$3,000	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$1,700	
Masonry: Brick	85%			LIFE	**	5	\$1,800	
Metal Panel	5%			2052	**	5	\$400	
Roof								
Asphalt Shingle	10%	0-2	\$1,600	2029	**			
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Low Roof Over Dining Area (At Skylight) And Kitchen</i>								
Built-Up (BUR)	15%	Now	\$10,300	2036	**			
<i>Patching Evident, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Low Roof Over Dining Area</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Low Roof Over Dining Area</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Low Roof Over Dining Area</i>								
Modified Bitumen	70%			2034	**	10	\$10,600	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Roof</i>								
Skylight, Metal/Glass	5%			2036	**	10	\$2,500	
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.

FIRE DEPARTMENT - 057
ENGINE CO. 90/LADDER CO. 41
Asset # : 13073

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$16,400	
Ceramic Tile	10%			2039	**	5	\$1,900	
Terrazzo	5%			LIFE	**	5	\$700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Terrazzo On Stair Treads</i>								
Vinyl Tile	45%	Now	\$71,600	2036	**	3	\$3,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout.</i>								
<i>Uneven Substrate, Extent : Severe, Area Affected : 15%</i>								
<i>Location : 2nd Floor Bunk Room</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout.</i>								
Interior Walls								
Ceramic Tile	5%			2039	**	5	\$1,300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Bathrooms</i>								
Gypsum Board	15%			LIFE	**	5	\$2,300	
Plaster	45%	Now	\$9,300	LIFE	**	5	\$3,500	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 2nd And 3rd Floor By Storm Leader Located At Front Of Building</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Both Exercise Rooms</i>								
SGFT/Glazed Masonry	35%	Now	\$34,900	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Apparatus Floor.</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 5%</i>								
<i>Location : Apparatus Floor.</i>								
Ceilings								
AcousTileSusp.Lay-In	10%			2031	**	5	\$1,900	
Embossed Metal	30%			LIFE	**	5	\$2,500	
Exposed Concrete	30%			LIFE	**	5	\$900	
Gypsum Board	10%	Now	\$1,900	LIFE	**	5	\$2,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 1st Floor Dining Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 1st Floor Dining Room</i>								
Plaster	20%	Now	\$9,800	LIFE	**	5	\$2,300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 2%</i>								
<i>Location : All Three Floors By Storm Leader At Front Of Building.</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Dormitory, Locker Room.</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 2nd And 3rd Floor By Storm Drain Leader Located At Front Of Building</i>								

Note : 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. 90/LADDER CO. 41
Asset # : 13073

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%	0-2	\$4,800	2056	**	5	\$200	
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 400 Amp Service</i>								
<hr/>								
Switchgear / Switchboard								
Molded Case Bkrs	100%	0-2	\$48,800	2056	**	5	\$200	
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<hr/>								
Raceway								
Conduit	80%			2026	\$25,000	1		
Conduit	20%			2046	**	1		
<hr/>								
Panelboards								
Molded Case Bkrs	20%			2042	**	5	\$100	
Molded Case Bkrs	80%	0-2	\$30,800	2051	**	5	\$100	
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<hr/>								
Wiring								
Thermoplastic	100%			2026	\$27,700	1		
<hr/>								
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	97%			2031	**	10	\$11,100	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Incandescent	3%			2021	\$2,400	2		
<hr/>								
Exterior Lighting								
HID	50%			2026	\$23,600	10		
No Component	50%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2046	**	1		
<hr/>								
Conversion Equipment								
Steam Boiler	100%			2039	**	1	\$12,400	
<hr/>								
Distribution								
Steam Piping/Pump	100%			2036	**	4	\$600	
<hr/>								
Terminal Devices								
Convactor/Radiator	100%			2031	**	1	\$4,000	

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 90/LADDER CO. 41
Asset # : 13073

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Energy Source							
Electricity	100%			2042	**	1	
Conversion Equipment							
Ext Pkg Unit - Heating/Cooling	5%			2031	**	2	
		<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Serves Kitchen Only</i>					
Window/Wall Unit	75%			2021	\$19,300	1	
No Component	20%						
Distribution							
Ductwork/Diffusers	5%			LIFE	**	2	\$800
No Component	95%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,000
Exhaust Fans							
Interior	100%			2026	\$13,800	2	\$400
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2046	**	1	
Water Heater							
Gas Fired	100%			2024	\$2,900	2	\$200
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement</i>					
		<i>Explanation : 2 - 75 Gallon Units</i>					
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Sump Pump(s)							
Submersible	100%			2020	\$6,700	4	\$1,600
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement</i>					
		<i>Explanation : 2 - Heavy Duty Duplex Units Used With Under Floor Drainage System</i>					
Fixtures							
Generic	100%						
Fire Suppression							
Chemical System							
Generic	100%			2024	\$26,100	1-3	\$55,000

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 2018 - 2021	FY 2022 - 2027
Interior Architecture	\$249,100	
Electrical		\$38,500
Mechanical	\$59,800	
Total	\$308,900	\$38,500
Importance Code A	\$59,800	
Importance Code B	\$210,500	\$38,500
Importance Code C	\$38,600	
Total	\$308,900	\$38,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$36,100	\$3,400		
Interior Architecture	\$73,900			\$1,000
Electrical	\$25,400	\$200	\$300	\$14,100
Mechanical	\$44,500	\$1,700	\$3,600	\$15,800
Total	\$179,900	\$5,200	\$3,900	\$30,900
Importance Code A	\$36,100	\$4,600	\$1,200	\$1,200
Importance Code B	\$120,800	\$600	\$2,700	\$29,700
Importance Code C	\$23,100			
Total	\$179,900	\$5,200	\$3,900	\$30,900



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

FIRE DEPARTMENT - 057
ENGINE CO. 91
Asset # : 13074

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	**	5	\$10,900	
Masonry: Limestone	10%			LIFE	**	5	\$1,000	
	<i>Staining/Discoloring, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Front Facade Above 3rd Floor</i>							
Wood Overhead Doors	10%			2039	**	5	\$6,800	
Windows								
Aluminum	100%	2-4	\$2,800	2042	**	5	\$200	
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : 1st Floor Apparatus Room</i>							
Parapets								
Cast Stone/Terra Cotta	10%	2-4	\$400	LIFE	**	5	\$1,100	
	<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Various Locations</i>							
	<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Various Locations</i>							
Masonry: Brick	90%	0-2	\$3,800	LIFE	**	5	\$1,300	
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Various Locations</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Various Locations</i>							
Roof								
Built-Up (BUR)	100%	Now	\$29,100	2034	**			1
	<i>Drains Clogged, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Various Locations</i>							
	<i>Grlv/Blst Miss/Disp, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Various Locations</i>							
	<i>Ponding, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Near Roof Drains</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 80%</i>							
	<i>Location : Third Floor At Bulkhead, Second Floor Extension To 240, Kitchen</i>							

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.

FIRE DEPARTMENT - 057
ENGINE CO. 91
Asset # : 13074

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior Floors								
Cast in Place Concrete	40%	Now	\$49,800	LIFE	**	5	\$17,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Apparatus Room Floor</i>								
<i>Other Observation, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Apparatus Room</i>								
<i>Explanation : Structurally Insufficient</i>								
Ceramic Tile	10%	2-4	\$3,900	2035	**	5	\$1,000	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 72%</i>								
<i>Location : Toilets And Showers Throughout</i>								
Quarry Tile	10%	0-2	\$5,700	2039	**	5	\$1,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Kitchen</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 75%</i>								
<i>Location : Kitchen</i>								
Vinyl Tile	40%	Now	\$20,400	2031	**	3	\$3,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 2nd And 3rd Floor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : 2nd And 3rd Floor</i>								

Note : 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. 91
Asset # : 13074

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	10%	0-2	\$1,100	2035	**	5	\$1,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Gypsum Board	10%	0-2	\$400	LIFE	**	5	\$1,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Gymnasium</i>								
Masonry: Brick	25%	Now	\$38,600	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 75%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Basement</i>								
Plaster	30%	Now	\$2,400	LIFE	**	5	\$1,800	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Various Locations On 2nd And 3rd Floors</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 40%</i>								
<i>Location : Various Locations On 2nd And 3rd Floors</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Rear Wall Of 240 (Now Vacant)</i>								
SGFT/Glazed Masonry	25%	0-2	\$19,200	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Apparatus Room</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Apparatus Room</i>								

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FIRE DEPARTMENT - 057
ENGINE CO. 91
Asset # : 13074

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	1%	Now		2039	**	5	\$100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 85%</i>								
<i>Location : Pantry</i>								
Exposed Concrete	25%	Now	\$160,600	LIFE	**	5	\$800	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Spalling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Structurally Insufficient</i>								
Gypsum Board	10%	Now	\$4,000	LIFE	**	5	\$2,500	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 40%</i>								
<i>Location : 2nd Floor Corridor</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 2nd Floor Toilets</i>								
Plaster	64%	Now	\$16,800	LIFE	**	5	\$8,000	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 3rd Floor</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Kitchen</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : 3rd Floor</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Raceway								
Conduit	100%			2026	\$31,300	1		
Panelboards								
Molded Case Bkrs	100%			2025	\$38,500	5	\$300	
<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout Firehouse</i>								
Wiring								
Thermoplastic	100%			2026	\$27,700	1		
Motor Controllers								
Locally Mounted	100%			2024	\$14,400	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							

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FIRE DEPARTMENT - 057
ENGINE CO. 91
Asset # : 13074

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

Lighting

Interior Lighting Fluorescent	100%			2026	\$33,300	10	\$11,300	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Exterior Lighting HID	30%			2021	\$13,900	10		
No Component	70%							

Alarm

Fire/Smoke Detection No Component	80%							
Generic, Analog	20%	0-2	\$25,400	2036	**	1-3	\$1,400	
<i>Local/Battery Operated Detect, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

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

Heating

Energy Source Natural Gas	100%			2052	**	1		
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Conversion Equipment Steam Boiler	100%	2-4	\$59,800	2046	**	1	\$11,000	
<i>Corroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								

Distribution Steam Piping/Pump	100%	4+	\$8,600	2046	**	4	\$600	
<i>Insul. Deteriorating, Extent : Light, Area Affected : 40%</i>								
<i>Location : Basement</i>								

Terminal Devices Convactor/Radiator	90%	2-4	\$10,400	2039	**	1	\$3,200	
<i>Damaged, Extent : Light, Area Affected : 30%</i>								
<i>Location : Radiator Covers</i>								

Unit Heater-Stm/HW	10%			2031	**	4	\$200	
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Air Conditioning

Energy Source Electricity	100%			2042	**	1		
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Conversion Equipment Split Unit	25%			2021	\$14,200			
Window/Wall Unit	25%	4+	\$1,300	2024	\$6,300	1		
<i>On Extended Life, Extent : Light, Area Affected : 30%</i>								
<i>Location : Various Location Throughout</i>								

No Component	50%							
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FIRE DEPARTMENT - 057
ENGINE CO. 91
Asset # : 13074

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2	\$4,000	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,900	
Exhaust Fans								
Interior	50%			2031	* *	2	\$200	
		<i>Abandoned in Place, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Kitchen Hood Fan</i>						
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Kitchen Hood</i>						
		<i>Explanation : No System</i>						
Roof	50%	2-4	\$4,900	2036	* *	2	\$200	
		<i>On Extended Life, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Roof</i>						
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	\$2,900	2	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 - 75 Gallon Unit</i>						
Sanitary Piping								
Cast Iron	100%	0-2	\$13,300	LIFE	* *	1		
		<i>Corroded, Extent : Moderate, Area Affected : 40%</i>						
		<i>Location : Basement</i>						
Storm Drain Piping								
Cast Iron	100%	2-4	\$5,100	LIFE	* *	1		
		<i>Corroded, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Basement</i>						
Sump Pump(s)								
Rigid Piping	100%			2026	\$11,000	4	\$2,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 1 Unit On Each Side</i>						
Backflow Preventer								
No Component	95%							
Generic	5%			2034	* *	1		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Serves Boiler Only</i>						
Fixtures								
Generic	100%							

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Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 : 03-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2450 **Lot** : 40 **BIN** : 2096490

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$59,400
Interior Architecture		\$54,000
Electrical		\$15,400
Total		\$128,800
Importance Code A		\$59,400
Importance Code B		\$69,400
Total		\$128,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$83,700	\$2,900	\$1,400	
Interior Architecture	\$105,000		\$400	\$1,300
Electrical	\$4,200	\$800	\$2,400	\$800
Mechanical	\$19,400	\$5,700	\$12,400	\$11,600
Total	\$212,300	\$9,400	\$16,600	\$13,800
Importance Code A	\$84,300	\$3,500	\$1,900	\$500
Importance Code B	\$79,200	\$5,900	\$14,700	\$12,700
Importance Code C	\$48,800			\$500
Total	\$212,300	\$9,400	\$16,600	\$13,800



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

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

FIRE DEPARTMENT - 057
ENGINE CO. 92/LADDER CO. 44
Asset # : 13075

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	**	5	\$53,800	
Masonry: Granite	4%			LIFE	**	5	\$2,300	
Masonry: Limestone	10%	0-2	\$23,200	LIFE	**	5	\$2,900	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Street Facade</i>								
Metal Panel	5%			2037	**	5-10	\$13,200	
Weathering Steel	1%			LIFE	**	1		
Wood Overhead Doors	10%			2032	**	5	\$19,200	
Windows								
Aluminum	100%			2035	**	5	\$2,800	
Parapets								
Cast Stone/Terra Cotta	10%	Now	\$4,300	LIFE	**	5	\$2,100	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Cornice Joints - Street Facade</i>								
Masonry: Brick	65%	Now	\$10,300	LIFE	**	5	\$1,800	
<i>Vegetation Growth, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Underside Of Coping</i>								
Metal Rail	15%			2044	**	5-10	\$7,500	
No Component	10%							
Roof								
Modified Bitumen	100%	Now	\$17,800	2027			\$59,400	
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 2nd Floor Roof</i>								
<i>Debris Present, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 2nd Floor Roof</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Third Floor Locker Room</i>								

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.

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FIRE DEPARTMENT - 057
ENGINE CO. 92/LADDER CO. 44
Asset # : 13075

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$19,800	LIFE	**	5	\$13,900	
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Waste/ Sewer Line Backup, Sidewalk Vault, And Hot Water Heater - Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Apparatus Floor</i>								
Ceramic Tile	5%			2030	**	5	\$800	
Quarry Tile	5%			2032	**	5	\$1,200	
Sheet Vinyl/Rubber	10%			2032	**	5	\$2,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Third Floor Gymnasium</i>								
<i>Explanation : Interlocking Rubber Tile</i>								
Vinyl Tile	40%	2-4	\$16,200	2027	\$54,000	3	\$2,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Second And Third Floors</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second And Third Floors</i>								
Interior Walls								
Ceramic Tile	5%			2036	**	5	\$1,100	
Gypsum Board	50%			LIFE	**	5-10	\$18,600	
Masonry: Brick	20%	0-2	\$34,000	LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement Sidewalk Vaults</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Sidewalk Vault</i>								
Plaster	5%			LIFE	**	5-10	\$900	
SGFT/Glazed Masonry	20%			LIFE	**	10	\$2,200	
Ceilings								
AcousTileSusp.Lay-In	30%			2032	**	5	\$4,800	
Exposed Struc: Steel	25%			LIFE	**	10	\$8,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Below Apparatus Floor</i>								
<i>Explanation : Actually Metal Decking</i>								
Gypsum Board	20%			LIFE	**	5-10	\$10,900	
Plaster	25%	Now	\$5,200	LIFE	**	5	\$2,500	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Third Floor Locker Room</i>								

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

Under 600 Volts

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FIRE DEPARTMENT - 057
ENGINE CO. 92/LADDER CO. 44
Asset # : 13075

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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%			2037	**	5		
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Main Service Disconnect Switch Rated @ 600 Amperes.</i>							
Switchgear / Switchboard								
Molded Case Bkrs	100%			2037	**	5	\$300	
Raceway								
Conduit	100%			2037	**	1		
Panelboards								
Molded Case Bkrs	60%			2035	**	5	\$200	
Molded Case Bkrs	40%			2026	\$15,400	5	\$100	
Wiring								
Thermoplastic	100%			2037	**	1		
Motor Controllers								
Locally Mounted	100%			2032	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2032	**	1	\$3,300	
Generators								
Diesel	100%			2030	**	1	\$4,100	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Outside</i>							
	<i>Explanation : Emergency Generator Rated @ 81kva</i>							
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$400	
Fuel Storage								
Main Tank	100%			2042	**	5	\$300	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Outside</i>							
	<i>Explanation : 60 Gallons Rated Capacity</i>							
Lighting								
Interior Lighting								
Fluorescent	88%			2027	\$25,300	10	\$8,600	
	<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Fluorescent	10%	Now	\$2,900	2037	**			
	<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Fluorescent	2%			2022	\$600	10	\$200	
	<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : 1st Floor</i>							

Note : 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. 92/LADDER CO. 44
Asset # : 13075

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Egress Lighting								
Emergency, Service	25%			2027	\$1,300	1		
Emergency, Battery	25%			2027	\$3,600	10	\$600	
Exit, Service	50%			2027	\$600	1		
<hr/>								
Exterior Lighting								
HID	20%			2027	\$8,000	10		
No Component	80%							
<hr/>								
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic, Analog	5%			2022	\$5,500	1-3	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : For Gasoline Pump Only; Alarm Bells Only</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2047	**	1		
<hr/>								
Conversion Equipment								
Furnace	50%			2032	**	1	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Roof</i>								
<i>Explanation : 5 Rtu Package Units</i>								
<hr/>								
Hot Water Boiler	50%			2032	**	1	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Explanation : 4 Boilers Piped Together</i>								
<hr/>								
Distribution								
Hot Wtr Piping/Pump	50%	Now	\$1,300	2035	**	4	\$300	
<i>Not in Service, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Temperature Control System</i>								
<hr/>								
No Component	50%							
<hr/>								
Terminal Devices								
Convactor/Radiator	25%			2032	**	1	\$900	
Unit Heater-Stm/HW	25%			2027	\$17,100	4	\$400	
No Component	50%							
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		

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Estimates are rounded to the nearest hundred dollars.

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

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FIRE DEPARTMENT - 057
ENGINE CO. 92/LADDER CO. 44
Asset # : 13075

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Conversion Equipment							
Ext Pkg Unit - Heating/Cooling	50%			2032	**	2	\$300
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
		<i>Location : Roof</i>					
		<i>Explanation : 5 Rtu Package Units. R-410a</i>					
No Component	50%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%	Now	\$4,600	LIFE	**	2-5	\$5,900
		<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 10%</i>					
		<i>Location : Roof</i>					
Exhaust Fans							
Interior	30%			2032	**	2	\$100
Roof	50%			2032	**	2	\$200
Wall Unit	20%			2027		2	\$100
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2047	**	1	
		<i>Booster Pump w/Tank, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement</i>					
HW Heat Exchanger							
Low Temp	100%			2047	**	4	\$1,600
Sanitary Piping							
Cast Iron	100%	Now	\$1,200	LIFE	**	1	
		<i>Blockage /Clogged, Extent : Severe, Area Affected : 5%</i>					
		<i>Location : Front Side Of The Basement</i>					
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Sump Pump(s)							
Submersible	100%			2020		4	\$2,500
Backflow Preventer							
Generic	100%			2032	**	1	\$700
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
Generic	100%			2047	**	1-2	\$3,000
Fire Pump							
Generic	100%			2036	**	1	\$2,000
Chemical System							
Wet	100%			2022		1-3	\$63,700

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$37,300	
Interior Architecture	\$35,600	\$35,800
Electrical		\$74,300
Total	\$72,800	\$110,100
Importance Code A	\$37,300	
Importance Code B	\$35,600	\$110,100
Total	\$72,800	\$110,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture		\$22,700		
Interior Architecture	\$51,100	\$3,000		
Electrical	\$2,700	\$1,200	\$2,800	\$27,900
Mechanical	\$17,000	\$10,100	\$16,100	\$11,200
Total	\$70,800	\$37,000	\$18,900	\$39,100
Importance Code A	\$1,400	\$24,300	\$1,600	\$1,700
Importance Code B	\$54,100	\$12,500	\$17,300	\$37,400
Importance Code C	\$15,400	\$200		
Total	\$70,800	\$37,000	\$18,900	\$39,100



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 93/LADDER CO. 45
Asset # : 13076

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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	\$29,900	
Masonry: Granite	5%			LIFE	**	5	\$1,600	
Masonry: Limestone	10%			LIFE	**	5	\$3,200	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Wood Overhead Doors	15%			2039	**	5	\$32,000	
Windows								
Aluminum	100%			2042	**	5	\$3,100	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$3,100	
Masonry: Brick	75%			LIFE	**	5	\$3,000	
<i>Efflorescence, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Facade Roof Side</i>								
Metal Rail	15%			2039	**	5-10	\$11,000	
Roof								
Roll Roofing	100%	2-4	\$37,300	2028	**	5	\$12,600	
<i>Blisters, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout Upper Roof</i>								
<i>Debris Present, Extent : Light, Area Affected : 10%</i>								
<i>Location : Lower Roof</i>								
<i>Ponding, Extent : Light, Area Affected : 15%</i>								
<i>Location : Lower Roof</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Seams Throughout</i>								
<i>Explanation : Alligatoring</i>								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$35,800	
Ceramic Tile	2%	Now	\$1,300	2035	**	5	\$300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Laundry Room And Bathroom.</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Grout Staining</i>								
Granite Panels	2%			LIFE	**	5	\$500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Interior Staircase.</i>								
<i>Explanation : Refers To Stair Treads.</i>								
Terrazzo	4%			LIFE	**	5	\$1,000	
Wood	33%	Now	\$35,600	2054	**	5	\$10,100	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd And 3rd Floors At Doorways, Throughout</i>								
Wood	9%			2054	**	5	\$5,500	

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

FIRE DEPARTMENT - 057
ENGINE CO. 93/LADDER CO. 45
Asset # : 13076

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	1%			2039	**	5	\$400	
Concrete Masonry Unit	40%			LIFE	**	5	\$7,000	
Glass: Single Pane	2%			LIFE	**	5	\$700	
Gypsum Board	22%			LIFE	**	5	\$5,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : By Ladder Leading To Roof</i>								
Masonry: Brick	18%	Now	\$15,400	LIFE	**			
<i>Diagonal Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : South Basement Wall</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : South Basement Wall.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : 2nd Floor Bunk Room.</i>								
Metal Panel	1%			LIFE	**			
Plaster	5%			LIFE	**	5	\$700	
Wood	11%			LIFE	**	5	\$19,300	
Ceilings								
Exposed Concrete	40%			LIFE	**	5	\$2,000	
Exposed Struc: Steel	25%	Now	\$34,400	LIFE	**			
<i>Water Penetration, Extent : Light, Area Affected : 2%</i>								
<i>Location : South Side Below Apparatus Floor</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : South Side Below Apparatus Floor</i>								
<i>Explanation : Rusting Steel</i>								
Metal Panel	15%			LIFE	**	5	\$6,100	
Plaster	20%			LIFE	**	5	\$4,100	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 400 Amps.</i>								
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		

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

FIRE DEPARTMENT - 057
ENGINE CO. 93/LADDER CO. 45
Asset # : 13076

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2039	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%	0-2	\$1,900	LIFE	**	5	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Ground Clamp Severely Corroded At Water Pipe, Needs New Ground Clamp.</i>						
Stand-by Power								
Transfer Switches								
Manual	100%			2046	**	5	\$100	
Generators								
Diesel	100%			2035	**	1	\$8,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Outside (Backyard)</i>						
		<i>Explanation : 64 Kw Portable Type</i>						
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	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Fluorescent	8%			2031	**	10	\$1,600	
		<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Second And Third Floor</i>						
HID	2%			2026	\$400	10		
Egress Lighting								
Exit, LED	100%			2054	**	1		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Mostly L. E. D</i>						
Exterior Lighting								
HID	90%			2026	\$74,300	10	\$100	
Incandescent	10%			2021	\$7,000	2		

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2046	**	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 93/LADDER CO. 45
Asset # : 13076

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Furnace	50%	Now	\$300	2026	\$13,300	1	\$4,900	
<i>Damaged, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Bird Screens Missing Or Damaged</i>								
Steam Boiler	50%			2039	* *	1	\$10,800	
Distribution								
Steam Piping/Pump	100%			2046	* *	4	\$1,600	
Terminal Devices								
Convactor/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 - Heating/Cooling	95%	Now	\$2,700	2031	* *	2	\$1,000	
<i>Damaged, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Bird Screens Missing Or Damaged</i>								
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 6 Units On Roof</i>								
Window/Wall Unit	5%			2024	\$2,200	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$28,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,200	
Exhaust Fans								
Roof	80%			2031	* *	2	\$500	
Wall Unit	20%			2031	* *	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	50%	0-2	\$2,500	2026	\$2,500	2	\$100	
<i>Leak Evident, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Tank</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 75 Gallon Units</i>								
Gas Fired	50%			2019	\$2,500	2	\$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

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FIRE DEPARTMENT - 057
ENGINE CO. 93/LADDER CO. 45
Asset # : 13076

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	\$2,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 - Duplex Unit, 1 Single Unit</i>						
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	\$26,100	1-3	\$55,000	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : **FDNY FIRE MUSEUM**
Address : **278 SPRING ST.**
Borough : **MANHATTAN** **Agency's Number** : **N/A**
Program / Asset # : **FIRSMUS.000 / 14345** **Yr Built/Renovated** : **1904 / 1999**
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$43,200	
Electrical	\$384,100	\$35,500
Total	\$427,300	\$35,500
Importance Code A	\$43,200	
Importance Code B	\$384,100	\$35,500
Total	\$427,300	\$35,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$52,700			\$4,700
Interior Architecture	\$65,100	\$8,000		\$5,200
Electrical	\$800	\$2,300	\$2,000	\$6,200
Mechanical	\$14,100	\$3,100	\$20,700	\$18,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$136,700	\$17,300	\$26,600	\$38,800
Importance Code A	\$64,800	\$1,800	\$1,800	\$6,600
Importance Code B	\$60,500	\$15,500	\$24,800	\$32,300
Importance Code C	\$11,400			
Total	\$136,700	\$17,300	\$26,600	\$38,800



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

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

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

FIRE DEPARTMENT - 057
FDNY FIRE MUSEUM
Asset # : 14345

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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	\$25,100	
Masonry: Limestone	15%	Now	\$19,900	LIFE	**	5	\$5,600	
<i>Staining/Discoloring, Extent : Light, Area Affected : 25%</i>								
<i>Location : Cornice</i>								
Masonry: Limestone	15%			LIFE	**	5	\$5,600	
Metal Panel	5%			2036	**	5-10	\$17,200	
Granite Panels	5%			LIFE	**	5	\$1,900	
Stucco Cement	10%	Now	\$15,800	2031	**	5	\$6,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Stair And Mechanical Room Roof Bulkheads</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Stair And Mechanical Room Bulkheads</i>								
Windows								
Aluminum	90%			2042	**	5	\$2,500	
Wood	10%	Now	\$8,500	2051	**	5	\$1,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Roof Bulkheads</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof Bulkheads</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof Bulkheads</i>								
Parapets								
Masonry: Brick	60%	Now	\$5,700	LIFE	**	5	\$1,800	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	40%			LIFE	**	5	\$1,500	
<i>Worn/Eroded, Extent : Light, Area Affected : 15%</i>								
<i>Location : Stone Copings Located On South Side Of Roof</i>								
Roof								
Built-Up (BUR)	95%	Now	\$43,200	2031	**			
<i>Air/Water Blisters, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Areas</i>								
<i>Drains Clogged, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : By Front Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Main Roof</i>								
Skylight, Metal/Glass	5%	Now	\$2,800	2046	**			
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Memorial Room, 1st Floor</i>								
<i>Explanation : E-coating Is Delaminating On Some Of The Glass Panels</i>								

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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FIRE DEPARTMENT - 057
FDNY FIRE MUSEUM
Asset # : 14345

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	25%	Now	\$44,700	2025	\$111,800	3	\$12,000	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : 2nd Floor</i>								
Cast in Place Concrete	43%			LIFE	**	5	\$30,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
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	\$2,600	
Gypsum Board	40%			LIFE	**	5	\$6,200	
Masonry: Brick	10%			LIFE	**			
Plaster	25%	Now	\$11,400	LIFE	**	5	\$1,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Stair Bulkhead At Roof Level</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Stair Bulkhead At Roof Level</i>								
Ceilings								
Exposed Concrete	40%	Now	\$9,000	LIFE	**	5	\$2,000	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout Basement</i>								
Gypsum Board	55%			LIFE	**	5	\$22,100	
Plaster	5%			LIFE	**	5	\$1,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Penthouse Ceilings</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Stair And Equipment Room Bulkheads</i>								
Site Enclosure								
Fence/Gates								
Not Accessible	100%							
Site Pavements								
Parking/Driveway								
Not Accessible	100%							

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$22,700	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1200 Amp.</i>								

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FIRE DEPARTMENT - 057
FDNY FIRE MUSEUM
Asset # : 14345

Electrical		Current Repair		Future Replacement		Maintenance		Priority
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	100%			2026	\$35,500	5	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1200 Amp.</i>						
Raceway								
Conduit	100%			2026	\$34,200	1		
Panelboards								
Molded Case Bkrs	100%			2034	* *	5	\$600	
Wiring								
Braided Cloth	90%			2025	\$27,200	1		
Thermoplastic	10%			2036	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	15%			2026	\$11,400	10	\$3,000	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
HID	60%			2021		10	\$400	
Incandescent	25%			2021	\$70,900	2	\$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	\$2,600	
Exit, Service	10%			2026	\$600	1		
Exit, Battery	40%			2031	* *	10	\$600	
Exterior Lighting								
HID	100%			2031	* *	10	\$100	
Alarm								
Security System								
Generic	100%			2021	\$70,800	1	\$8,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Fixed Cameras.</i>						
Fire/Smoke Detection								
Generic, Analog	100%	2-4	\$242,400	2036	* *	1-3	\$12,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Fire Alarm System Is Over Thirty Years Old</i>						

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

Heating

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FIRE DEPARTMENT - 057
FDNY FIRE MUSEUM
Asset # : 14345

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	1%			2046	**	1		
Natural Gas	99%			2046	**	1		
Conversion Equipment								
Furnace	1%			2031	**	1	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Home Demonstration Area</i>								
<i>Explanation : Electric Unit Heaters</i>								
Furnace	29%			2031	**	1	\$3,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Roof Top Package Unit, Heat Cool</i>								
Steam Boiler	50%	Now	\$11,400	2031	**	1	\$9,600	
<i>Malfunctioning, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 6 Units Piped In Series</i>								
Steam Boiler	20%			2039	**	1	\$4,300	
Distribution								
Ductwork/Diffusers	30%			LIFE	**	2-5	\$3,600	
Steam Piping/Pump	70%			2046	**	4	\$1,100	
Terminal Devices								
Convactor/Radiator	100%			2039	**	1	\$6,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	70%			2031	**	2	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : R-410a</i>								
Split Unit	5%			2031	**			
Window/Wall Unit	25%			2021	\$12,000	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$27,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$12,000	
Exhaust Fans								
Roof	100%			2026	\$18,600	2	\$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	**	1		

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FIRE DEPARTMENT - 057
FDNY FIRE MUSEUM
Asset # : 14345

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Water Heater Electric	100%			2021	\$3,600	4	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd And 3rd Floor</i>								
<i>Explanation : 2 40 Gallon Units</i>								
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Submersible	100%			2020	\$7,300	4	\$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st To 3rd Floor</i>								
<i>Explanation : 1 Unit</i>								
Fire Suppression								
Sprinkler Generic	100%			2052	* *	1-2	\$6,000	

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Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FIRE ACADEMY ADMINISTRATION BLDG #9
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.080 / 131 **Yr Built/Renovated** : 1975 / 2013
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$2,396,700	\$278,100
Interior Architecture	\$134,600	
Electrical	\$847,400	\$470,500
Total	\$3,378,700	\$748,600
Importance Code A	\$2,396,700	\$303,900
Importance Code B	\$847,400	\$444,600
Importance Code C	\$134,600	
Total	\$3,378,700	\$748,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture				
Interior Architecture	\$85,700	\$2,700	\$4,600	\$4,200
Electrical	\$6,500	\$51,200	\$5,200	\$5,900
Mechanical	\$16,500	\$21,000	\$19,400	\$9,400
Total	\$108,800	\$74,800	\$29,200	\$19,600
Importance Code A	\$1,900	\$2,000	\$1,900	\$1,900
Importance Code B	\$76,800	\$72,900	\$27,300	\$17,700
Importance Code C	\$30,100			
Total	\$108,800	\$74,800	\$29,200	\$19,600



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FIRE DEPARTMENT - 057
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

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	30%	Now	\$167,000	LIFE	**	5	\$148,300	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 0%</i>								
<i>Location : At Junction Of Metal Tunnel And Concrete At Auditorium Exit</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Auditorium Exit</i>								
Metal/Glass Curt Wall	20%	Now	\$626,600	LIFE	**	5	\$37,100	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Metal Panel	50%	Now	\$177,500	2034	**	5	\$92,700	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Along Wall Base</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Along Wall Base</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Corridor Adjacent To Wall</i>								
Windows								
Aluminum	100%	Now	\$701,800	2049	**	5	\$8,400	1
<i>Air Infiltration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	100%	Now	\$723,800	2029	**			
<i>Corrosion/Rusting, Extent : Light, Area Affected : 50%</i>								
<i>Location : At Corridor Adjacent To Wall</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Along First Floor Corridor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Along First Floor Corridor</i>								

Interior

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FIRE DEPARTMENT - 057
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	15%	0-2	\$43,300	2023	\$108,200	3	\$12,700	
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Cast in Place Concrete	13%	Now	\$3,800	LIFE	**	5	\$16,100	
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Slab Settlement At Front Entrance</i>							
Ceramic Tile	2%			2033	**	5	\$1,100	
Vinyl Tile	50%			2029	**	3	\$10,600	
Vinyl Tile	15%			2032	**	3	\$3,200	
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Wood	5%			2059	**	5	\$5,300	
Interior Walls								
Cast in Place Concrete	5%	Now	\$45,900	LIFE	**			
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 3%</i>							
	<i>Location : First Floor</i>							
Ceramic Tile	5%	2-4	\$20,000	2033	**	5	\$1,800	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Concrete Masonry Unit	55%	2-4	\$88,700	LIFE	**	5	\$16,000	
	<i>Diagonal Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Gypsum Board	25%	2-4	\$7,500	LIFE	**	5	\$10,900	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Masonry: Brick	5%			LIFE	**			
Metal Panel	5%	2-4	\$2,500	LIFE	**			
	<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Ceilings								
AcousTileConcealSpLn	5%	2-4	\$2,300	2029	**	5	\$1,800	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
AcousTileSusp.Lay-In	25%	2-4	\$5,700	2037	**	5	\$7,100	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Exposed Struc: Steel	70%			LIFE	**			
	<i>Corrosion/Rusting, Extent : Light, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Light, Area Affected : 10%</i>							
	<i>Location : First Floor Corridor</i>							

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FIRE DEPARTMENT - 057
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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	70%			2024	\$25,900	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 4000 Amps And One 1200 Amps Main Disconnect Switch</i>								
Fused Disc Sw	30%			2034	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch For Emergency</i>								
Transformers								
Dry Type	100%			2029	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 112.5 Kva 220v Primary - 480/277v Secondary</i>								
Switchgear / Switchboard								
Fused Disc Sw	75%			2024	\$109,800	5	\$100	
Fused Disc Sw	20%			2034	**	5		
Molded Case Bkrs	5%			2054	**	5	\$100	
Raceway								
Conduit	85%			2024	\$73,900	1		
Conduit	10%			2034	**	1		
Conduit	5%			2054	**	1		
Panelboards								
Fused Disc Sw	10%			2023	\$9,000	5	\$100	
Molded Case Bkrs	85%			2023	\$76,100	5	\$900	
Molded Case Bkrs	5%			2049	**	5	\$100	
Wiring								
Thermoplastic	10%			2034	**	1		
Thermoplastic	85%			2024	\$99,900	1		
Thermoplastic	5%			2054	**	1		
Motor Controllers								
Locally Mounted	10%			2029	**	5		
Motor Control Center	90%			2022	\$84,900	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	\$36,500	1	\$7,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 281 Kva</i>								
Under Construction	50%							

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FIRE DEPARTMENT - 057
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Batteries								
Lead/Acid	50%			2018	\$800	5	\$700	
Under Construction	50%							
Fuel Storage								
Day Tank	100%			2023	\$2,700	5	\$7,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : One 2500 Gallons</i>								
Lighting								
Interior Lighting								
Fluorescent	15%			2029	**	10	\$5,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-5 Lamps</i>								
Fluorescent	55%			2019	\$118,300	10	\$19,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	30%			2029	**	10	\$10,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Egress Lighting								
Emergency, Service	35%			2019	\$6,500	1		
Emergency, Service	30%			2029	**	1		
Exit, Service	35%			2019	\$4,400	1		
Exterior Lighting								
HID	100%			2019	\$152,400	10	\$100	
Alarm								
Security System								
Generic	100%	Now	\$122,100	2034	**	1	\$13,600	
<i>Devices Damaged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fire/Smoke Detection								
Generic	100%	Now	\$418,100	2034	**	1-3	\$22,700	
<i>Devices Damaged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	**	5	\$11,700	

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FIRE DEPARTMENT - 057
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Conversion Equipment Hot Water Boiler	100%			2041	**	1	\$18,700
			<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>				
			<i>Location : Boiler Room</i>				
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
			<i>Location : Boiler Room</i>				
			<i>Explanation : 2 Units</i>				
Distribution Hot Wtr Piping/Pump	100%			2032	**	4	\$1,900
Terminal Devices Air Handler	70%			2032	**	1	\$16,400
Convector/Radiator	30%			2029	**	1	\$3,700
Air Conditioning							
Energy Source Electricity	100%			2032	**	1	
Conversion Equipment Reciprocating Compr/Chiller	100%			2032	**	1	\$17,500
			<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>				
			<i>Location : Court Yard</i>				
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	100%			2032	**	2	\$26,300
Ventilation							
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$21,100
Exhaust Fans Roof	100%			2024	\$30,000	2	\$1,200
Plumbing							
H/C Water Piping Brass/Copper	100%			2034	**	1	
Water Heater Electric	100%			2023	\$5,900	4	\$300
Sanitary Piping Cast Iron	100%			LIFE	**	1	
Storm Drain Piping Cast Iron	100%			LIFE	**	1	
Fixtures Generic	100%						
Fire Suppression							
Standpipe Generic	100%			2034	**	1-5	\$19,100
Sprinkler Generic	100%			2034	**	1-2	\$10,600

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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture		\$8,400	\$100	
Interior Architecture				
Electrical				
Mechanical		\$100		
Total		\$8,500	\$100	
Importance Code A		\$8,400	\$100	
Importance Code B		\$100		
Importance Code C				
Total		\$8,500	\$100	



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

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

*** 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		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Exterior									
Exterior Walls									
Cast in Place Concrete	5%			LIFE	**	5	\$4,100		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<i>Explanation : 2 Story Bldg, No Basement</i>									
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									
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%			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									
Flourescent	100%			2024	\$13,400	10	\$5,600		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<i>Explanation : Using Compact Flourescent Lamps</i>									
Exterior Lighting									
HID	100%			2024	\$22,900	10			

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

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

** 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 Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Exhaust Fans								
Roof	100%			2029	* *	2	\$200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	10%			2037	* *	1		
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : 1st And 2nd Floors</i>						
		<i>Explanation : Standpipe Only</i>						
No Component	90%							
Fire Suppression								
Standpipe								
No Component	90%							
Generic	10%			2044	* *	1-5	\$300	

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$46,000	\$157,900
Electrical	\$36,500	
Mechanical		\$146,600
Total	\$82,500	\$304,500
Importance Code A	\$46,000	\$157,900
Importance Code B	\$36,500	\$146,600
Total	\$82,500	\$304,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture		\$49,400	\$6,700	
Interior Architecture	\$1,500		\$7,400	
Electrical	\$4,200	\$6,800	\$5,500	\$4,200
Mechanical	\$8,000	\$23,800	\$10,700	\$5,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$17,600	\$84,000	\$34,200	\$13,400
Importance Code A	\$2,000	\$51,900	\$8,600	\$2,000
Importance Code B	\$15,700	\$32,000	\$25,600	\$11,500
Importance Code C				
Total	\$17,600	\$84,000	\$34,200	\$13,400



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

FIRE DEPARTMENT - 057
FIRE ACADEMY CLASSROOM BLDG. #11
Asset # : 13552

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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 Membrane	100%			2029	**	10	\$29,700	
Interior								
Floors								
Carpet	5%			2023	\$37,900	3	\$4,500	
Cast in Place Concrete	10%			LIFE	**	5	\$13,000	
Ceramic Tile	5%			2033	**	5	\$3,000	
Vinyl Tile	80%			2029	**	3	\$17,900	
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	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2044	**	5	\$1,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch</i>								
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		

Note : 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 CLASSROOM BLDG. #11
Asset # : 13552

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	20%			2029	**	10	\$7,300	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-5 Lamps</i>						
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	\$24,500	

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2044	**	5	\$12,300	
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$19,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 2 Units - Also Serviing Adjacent Building #12 As Well.</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$2,000	

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

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

** 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		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Terminal Devices								
Air Handler	80%			2029	**	1	\$19,700	
Convactor/Radiator	20%			2037	**	1	\$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	80%			2024	\$146,600	2	\$2,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 2 Units</i>						
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$22,200	
Exhaust Fans								
Roof	100%	Now	\$1,600	2024	\$31,600	2	\$1,000	
		<i>Noisy/Vibrating, Extent : Severe, Area Affected : 60%</i>						
		<i>Location : Roof</i>						
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		
Water Heater								
Oil Fired	100%			2019	\$12,300	1	\$1,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : Two 250 Gallon Tanks</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Backflow Preventer								
Generic	100%			2029	**	1	\$2,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1-4</i>						
		<i>Explanation : One Unit</i>						
Fire Suppression								
Sprinkler								
Generic	100%			2044	**	1-2	\$11,100	

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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
Block : 1819 **Lot** : 40 **BIN** :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$61,200			
Interior Architecture	\$44,400			
Electrical	\$100	\$15,700		
Mechanical		\$100		
Total	\$105,700	\$15,700		
Importance Code A	\$61,200			
Importance Code B	\$36,500	\$15,700		
Importance Code C	\$8,000			
Total	\$105,700	\$15,700		



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

FIRE DEPARTMENT - 057
FIRE ACADEMY FIRE TRAINING BLDG #3
Asset # : 1989

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	0-2	\$10,200	LIFE	**	5	\$3,400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Penthouse</i>								
Metal Coiling Doors	10%	4+	\$2,100	2037	**	5	\$600	
<i>Deformed/Dented, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%	Now	\$19,900	2049	**	5	\$200	1
<i>Bent/Warped Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	\$300	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	90%	0-2	\$1,100	LIFE	**	5	\$400	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Roof								
Skylight, Metal/Glass	3%	0-2	\$3,600	2044	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Traffic Topping	97%	Now	\$24,000	2034	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Main Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor</i>								
Interior								
Floors								
Cast in Place Concrete	100%	2-4	\$6,700	LIFE	**	5	\$14,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Concrete Masonry Unit	100%	4+	\$8,000	LIFE	**	5	\$2,900	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Stairs</i>								
<i>Explanation : Deteriorated Finsh</i>								

Note : 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 FIRE TRAINING BLDG #3
Asset # : 1989

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

Interior

Ceilings

Exposed Concrete	100%	2-4	\$29,700	LIFE	**	5	\$700	
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*Water Penetration, Extent : Moderate, Area Affected : 10%**Location : Second Floor*

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

Under 600 Volts

Raceway

Conduit	100%			2034	**	1		
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Panelboards

Molded Case Bkrs	100%			2023	\$22,400	5	\$100	
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Wiring

Thermoplastic	100%			2024	\$18,500	1		
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Lighting

Exterior Lighting

HID	100%			2019	\$15,600	10		
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Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Plumbing

H/C Water Piping

Galv Iron/Steel	10%			2029	**	1		
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*Other Observation, Extent : Light, Area Affected : 10%**Location : 2 Floors**Explanation : For Demonstration - Standpipe Only*

No Component	90%							
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Storm Drain Piping

Cast Iron	100%			LIFE	**	1		
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*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	

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.070 / 1992 **Yr Built/Renovated** : 1975 / 2008
Area Sq Ft : 9,594 **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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$47,200	
Interior Architecture	\$51,800	
Electrical		\$94,000
Total	\$98,900	\$94,000
Importance Code A	\$47,200	
Importance Code B	\$51,800	\$94,000
Total	\$98,900	\$94,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$28,500			
Interior Architecture	\$152,800			\$4,000
Electrical	\$400	\$29,200	\$300	\$300
Mechanical	\$5,300	\$18,800	\$2,000	\$900
Total	\$187,100	\$48,000	\$2,300	\$5,200
Importance Code A	\$29,000	\$500	\$500	\$500
Importance Code B	\$119,600	\$47,500	\$1,800	\$4,700
Importance Code C	\$38,400			
Total	\$187,100	\$48,000	\$2,300	\$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 FIRST LINE SUPERVISORS BLDG #8
Asset # : 1992

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%	2-4	\$47,200	LIFE	**	5	\$7,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wood Overhead Doors	10%	Now	\$8,200	2037	**	5	\$2,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
Windows								
Aluminum	100%	2-4	\$9,200	2040	**	5	\$600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	95%	2-4	\$5,500	LIFE	**	5	\$1,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	5%	2-4	\$100	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Modified Bitumen	100%	Now	\$5,500	2032	**			
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Carpet	50%	Now	\$95,200	2026	\$95,200	3	\$11,200	
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	30%	2-4	\$4,700	LIFE	**	5	\$9,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%	2-4	\$1,400	2033	**	5	\$400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	15%	Now	\$1,900	2029	**	3	\$800	
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

Note : 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 FIRST LINE SUPERVISORS BLDG #8
Asset # : 1992

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%	2-4	\$2,300	2033	**	5	\$400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Concrete Masonry Unit	60%	2-4	\$22,200	LIFE	**	5	\$4,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Gypsum Board	15%	2-4	\$1,000	LIFE	**	5	\$1,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	20%	2-4	\$12,900	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileSusp.Lay-In	60%	2-4	\$51,800	2044	**	5	\$3,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Meter Room</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Room 1</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Room 1</i>								
Exposed Struc: Steel	25%	4+	\$11,200	LIFE	**			
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Gypsum Board	15%			LIFE	**	5	\$2,000	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$2,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 400 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	\$48,800	5		
Raceway								
Conduit	100%			2024	\$13,900	1		
Panelboards								
Fused Disc Sw	10%			2023	\$2,200	5		
Molded Case Bkrs	90%			2023	\$20,100	5	\$200	
Wiring								
Thermoplastic	100%			2024	\$18,500	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.

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FIRE DEPARTMENT - 057
FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8
Asset # : 1992

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2022	\$45,200	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2022	\$21,900	1	\$3,000	
Lighting								
Interior Lighting								
Fluorescent	85%			2019	\$18,700	10	\$7,800	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	10%			2024	\$2,200	10	\$900	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Garage</i>						
		<i>Explanation : Using T-8 Lamps</i>						
HID	5%			2024	\$800	10		
Egress Lighting								
Emergency, Service	50%			2019	\$2,500	1		
No Component	50%							
Exterior Lighting								
Not Accessible	100%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	\$3,100	
Conversion Equipment								
Hot Water Boiler	100%			2029	* *	1	\$4,900	
		<i>Boiler Used For Hot Water, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2032	* *	4	\$500	
Terminal Devices								
Air Handler	20%			2024	\$10,700	1	\$1,200	
Convactor/Radiator	70%			2029	* *	1	\$2,300	
Unit Heater-Stm/HW	10%			2024	\$6,400	4	\$100	
Air Conditioning								

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Estimates are rounded to the nearest hundred dollars.

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

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FIRE DEPARTMENT - 057
FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8
Asset # : 1992

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2019	\$16,400	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								
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%	Now	\$4,400	2029	* *	4	\$1,600	
<i>Broken, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Sewer Ejectors Located In Pit Adjacent To Building, One Pump Out Of Service And Another Has Float Problem</i>								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2034	* *	1-2	\$400	

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Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FIRE ACADEMY MASK SERVICE UNIT BLDG #7
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.060 / 1991 **Yr Built/Renovated** : 1975 / 2004
Area Sq Ft : 10,534 **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 2018 - 2021	FY 2022 - 2027
Interior Architecture		\$41,800
Electrical		\$39,700
Mechanical	\$114,600	
Total	\$114,600	\$81,500
Importance Code B	\$114,600	\$81,500
Total	\$114,600	\$81,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$2,500	\$10,300	\$500	
Interior Architecture	\$28,200			\$2,400
Electrical	\$300	\$4,000	\$300	\$300
Mechanical	\$2,400	\$11,700	\$2,000	\$1,000
Total	\$33,500	\$26,000	\$2,800	\$3,700
Importance Code A	\$3,100	\$10,900	\$1,000	\$500
Importance Code B	\$16,200	\$15,100	\$1,800	\$3,100
Importance Code C	\$14,200			
Total	\$33,500	\$26,000	\$2,800	\$3,700



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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY MASK SERVICE UNIT BLDG #7
Asset # : 1991

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
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	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	80%			LIFE	**	5	\$900	
Masonry: Brick	8%	2-4	\$500	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	10%			LIFE	**	5	\$700	
Pre-Cast Concrete	2%			LIFE	**	5	\$100	
Roof								
Built-Up (BUR)	30%			2029	**	10	\$3,100	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over Small Section On New Additon</i>								
<i>Explanation : Wood Deck</i>								
Modified Bitumen	70%			2029	**	10	\$7,200	
Interior								
Floors								
Cast in Place Concrete	50%	2-4	\$8,500	LIFE	**	5	\$17,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
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	\$4,200	2024	\$41,800	3	\$1,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
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	\$14,200	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Garage</i>								

Note : 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 MASK SERVICE UNIT BLDG #7
Asset # : 1991

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%			2041	**	5	\$3,500	
AcousTileSusp.Lay-In	10%	2-4	\$900	2037	**	5	\$600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Steel	40%			LIFE	**			
Exposed Struc: Steel	10%			LIFE	**			
Gypsum Board	10%			LIFE	**	5	\$1,500	
Electrical								
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%			2034	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 400 Amps Main Disconnect Switch</i>								
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	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Stairway Lobby</i>								
Fluorescent	65%			2024	\$15,700	10	\$6,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	30%			2029	**	10	\$3,000	

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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY MASK SERVICE UNIT BLDG #7
Asset # : 1991

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

Lighting

Egress Lighting								
Emergency, Service	40%			2024	\$2,200	1		
Emergency, Battery	20%			2024	\$3,000	10	\$500	
Exit, Service	40%			2024	\$1,200	1		
Exterior Lighting								
HID	100%			2024	\$39,700	10		

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

Heating

Energy Source								
Fuel Oil No 2	100%			2034	**	5	\$3,400	
Conversion Equipment								
Hot Water Boiler	100%			2029	**	1	\$5,400	
								<i>Boiler Used For Hot Water, Extent : Light, Area Affected : 100%</i>
								<i>Location : Boiler Room</i>
								<i>Other Observation, Extent : Light, Area Affected : 100%</i>
								<i>Location : Boiler Room</i>
								<i>Explanation : 1 Unit</i>
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$1,100	2032	**	4	\$500	
								<i>Not in Service, Extent : Severe, Area Affected : 100%</i>
								<i>Location : Circulation Pump</i>
Terminal Devices								
Convactor/Radiator	30%			2022	\$31,000	1	\$1,100	
Fan Coil Unit/Heat	70%			2019	\$114,600	1	\$2,500	

Air Conditioning

Energy Source								
Electricity	100%			2032	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%	Now	\$200	2024	\$10,100	2	\$100	
								<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>
								<i>Location : Roof</i>
								<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>
								<i>Location : Roof</i>
								<i>Explanation : Insulation Deteriorating</i>
Split Unit	10%			2024	\$5,000			
Window/Wall Unit	40%			2019	\$9,000	1		
No Component	30%							
Terminal Devices								
Fan Coil - Cooling	10%			2024	\$5,900	1	\$400	
No Component	90%							

Ventilation

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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY MASK SERVICE UNIT BLDG #7
Asset # : 1991

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
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	\$6,100	
Exhaust Fans								
Roof	100%			2024	\$8,700	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	

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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
Block : 1819 **Lot** : 40 **BIN** :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture		\$16,100		
Interior Architecture			\$100	
Electrical	\$200	\$200	\$300	\$300
Mechanical	\$500	\$1,400	\$1,100	\$600
Total	\$700	\$17,700	\$1,400	\$900
Importance Code A	\$300	\$16,400	\$300	\$300
Importance Code B	\$400	\$1,300	\$1,100	\$600
Importance Code C				
Total	\$700	\$17,700	\$1,400	\$900



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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14
Asset # : 13719

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$3,800	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Side</i>								
<i>Explanation : Stairway To Roof</i>								
Concrete Masonry Unit	85%			LIFE	**	5	\$8,100	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	10%			2037	**	5	\$4,800	
Windows								
Metal Louvers	100%			2033	**	10	\$2,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$2,300	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Top Of Parapet</i>								
<i>Explanation : Coping</i>								
Concrete Masonry Unit	90%			LIFE	**	5	\$3,000	
Roof								
Built-Up (BUR)	80%			2029	**	10	\$12,900	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stone Ballast</i>								
Built-Up (BUR)	20%			2029	**	10	\$3,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Pavers</i>								
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	**	5	\$17,000	
Vinyl Tile	10%			2029	**	3	\$300	
Interior Walls								
Concrete Masonry Unit	92%			LIFE	**	5	\$2,400	
Concrete Masonry Unit	8%			LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 8%</i>								
<i>Location : At Train Platform</i>								
<i>Explanation : 6" X 6" Units</i>								
Ceilings								
AcousTileSusp.Lay-In	10%			2037	**	5	\$900	
Exposed Struc: Steel	90%			LIFE	**			

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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		Priority
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%			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	
Lighting								
Interior Lighting								
Fluorescent	95%			2032	**	10	\$5,000	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	5%			2032	**	10	\$300	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallways</i>						
		<i>Explanation : T-5 Lamps</i>						
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 Replacement		Maintenance		Priority
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%			2044	**	5	\$1,800	
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$2,800	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$300	
Terminal Devices								
Air Handler	40%			2029	**	1	\$1,400	
Convactor/Radiator	20%			2037	**	1	\$400	
Unit Heater-Stm/HW	40%			2029	**	4	\$200	

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

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

** 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

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Energy Source							
Electricity	100%			2046	**	1	
Conversion Equipment							
Exterior Pkg Unit - Cooling	10%			2029	**	2	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 10%</i>					
		<i>Location : Roof</i>					
No Component	90%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,200
Exhaust Fans							
Roof	100%			2029	**	2	\$200
Plumbing							
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	
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
		<i>Location : Boiler Room</i>					
		<i>Explanation : For Boiler Only</i>					
Fixtures							
Generic	100%						

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$151,000	\$236,500
Interior Architecture		\$124,400
Total	\$151,000	\$360,900
Importance Code A	\$151,000	\$236,500
Importance Code B		\$124,400
Total	\$151,000	\$360,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$9,000	\$14,400	\$5,800	
Interior Architecture	\$34,100		\$7,100	
Electrical	\$4,300	\$38,900	\$5,600	\$4,300
Mechanical	\$200	\$200	\$400	\$300
Total	\$47,600	\$53,600	\$19,000	\$4,700
Importance Code A	\$9,000	\$14,500	\$5,800	
Importance Code B	\$38,200	\$39,100	\$6,000	\$4,700
Importance Code C	\$500		\$7,100	
Total	\$47,600	\$53,600	\$19,000	\$4,700



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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12
Asset # : 13553

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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		5	\$18,000	
Interior								
Floors								
Cast in Place Concrete	93%	2-4	\$29,500	LIFE	**	5	\$124,400	
								<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>
								<i>Location : Throughout</i>
Ceramic Tile	7%	2-4	\$4,100	2033	**	5	\$2,100	
								<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>
								<i>Location : Throughout</i>
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	**			
								<i>Other Observation, Extent : Light, Area Affected : 100%</i>
								<i>Location : Streetscape Mockup On Main Level</i>
								<i>Explanation : Simulated Brick Building Facade Mockups</i>
Metal Coiling Doors	6%			2040	**	5	\$14,300	
								<i>Other Observation, Extent : Light, Area Affected : 100%</i>
								<i>Location : Streetscape Mockup</i>
								<i>Explanation : On Building Facade Mockups</i>
Ceilings								
Exposed Struc: Steel	95%			LIFE	**			
Metal Panel	5%			LIFE	**	5	\$3,800	

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

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
FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12
Asset # : 13553

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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	\$200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 2000 Amps Main Disconnect Switch</i>						
Transformers								
Dry Type	100%			2037	**	5	\$200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 30 Kva 480/277hv-208lv</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	**	5	\$1,100	
Raceway								
Conduit	100%			2044	**	1		
Panelboards								
Fused Disc Sw	10%			2040	**	5	\$100	
Molded Case Bkrs	90%			2040	**	5	\$1,000	
Motor Controllers								
Locally Mounted	100%			2037	**	5	\$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	**	1	\$12,600	
Lighting								
Interior Lighting								
Fluorescent	90%			2029	**	10	\$33,700	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
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	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Security Room</i>						
		<i>Explanation : Premium System</i>						
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$25,200	

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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 TRAINING BLDGS - FIELD HOUSE #12
Asset # : 13553

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
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		
		<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : Hot Water Is Supplied From Adjacent Building #11</i>						
No Component	80%							
Distribution								
Hot Wtr Piping/Pump	20%			2040	* *	4	\$400	
		<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : Hot Water From Adjacent Building #11</i>						
No Component	80%							
Terminal Devices								
Convect/Radiator	15%			2037	* *	1	\$2,000	
		<i>Other Observation, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Ground Level</i>						
		<i>Explanation : Radiant Heating Pipes In Floor</i>						
Unit Heater-Stm/HW	5%			2029	* *	4	\$200	
No Component	80%							
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	\$1,300	4	\$100	
No Component	80%							
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

Maintenance \$ are aggregated over a 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 : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FIRE ACADEMY TRAINING TOWER # 1
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.000 / 1988 **Yr Built/Renovated** : 1975 / 2008
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
Block : 1819 **Lot** : 40 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Electrical		\$45,200
Total		\$45,200
Importance Code B		\$45,200
Total		\$45,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$11,600		\$200	
Interior Architecture	\$24,200			
Electrical	\$100	\$5,200		
Mechanical	\$11,300	\$800	\$300	\$100
Total	\$47,200	\$6,000	\$500	\$100
Importance Code A	\$11,700		\$300	
Importance Code B	\$25,100	\$6,000	\$200	\$100
Importance Code C	\$10,400			
Total	\$47,200	\$6,000	\$500	\$100



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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY TRAINING TOWER # 1
Asset # : 1988

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	**	5	\$3,100	
Masonry: Brick	50%	2-4	\$9,200	LIFE	**	5	\$3,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
Windows								
Aluminum	100%	2-4	\$1,600	2046	**	5	\$400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<hr/>								
Parapets								
Cast in Place Concrete	25%			LIFE	**	5	\$700	
Cast in Place Concrete	20%	4+	\$400	LIFE	**	5	\$600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
Masonry: Brick	25%			LIFE	**	5	\$100	
Masonry: Brick	25%	2-4	\$400	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
Metal Rail	5%	2-4		2044	**	5	\$100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
Roof								
Skylight, Metal/Glass	2%			2050	**	10	\$200	
Traffic Topping	98%			2032	**	10	\$4,300	
<hr/>								
Interior								
Floors								
Cast in Place Concrete	95%	2-4	\$4,100	LIFE	**	5	\$17,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
Steel Grating	5%			2044	**	1		
<hr/>								
Interior Walls								
Concrete Masonry Unit	100%	2-4	\$10,400	LIFE	**	5	\$3,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
Ceilings								
Exposed Concrete	100%	4+	\$9,700	LIFE	**	5	\$900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2024	\$13,900	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.

FIRE DEPARTMENT - 057
FIRE ACADEMY TRAINING TOWER # 1
Asset # : 1988

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2023	\$22,400	5	\$100	
Wiring								
Thermoplastic	100%			2024	\$18,500	1		
Motor Controllers								
Locally Mounted	100%			2022	\$45,200	5		
Lighting								
Interior Lighting								
Fluorescent	20%			2029	* *	10	\$1,000	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : First Floor And Basement</i>							
	<i>Explanation : T-8 Lamps</i>							
Fluorescent	80%			2029	* *	10	\$4,100	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Using Compact Fluorescent Lamps</i>							
Exterior Lighting								
HID	100%			2029	* *	10		
Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	20%			2044	* *	1		
No Component	80%							
Conversion Equipment								
Radiant Heater	20%			2024	\$4,900	2	\$500	
No Component	80%							
Ventilation								
Exhaust Fans								
Wall Unit	100%			2024	\$8,500	2	\$200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Fan In Basement To Remove Methane Gas</i>							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	10%			2037	* *	1		
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : B, 1-5</i>							
	<i>Explanation : Standpipe Only</i>							
No Component	90%							

Note : 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 TRAINING TOWER # 1
Asset # : 1988

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
Plumbing								
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : 1-5</i>								
<i>Explanation : Roof Drains Only</i>								
Sump Pump(s) Rigid Piping	100%	Now	\$11,000	2034	* *	4	\$1,600	
<i>Not in Service, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fire Suppression								
Standpipe Generic	100%			2044	* *	1-5	\$2,800	

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.050 / 1990 **Yr Built/Renovated** : 1975 / 2004
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$163,900	
Electrical		\$49,500
Total	\$163,900	\$49,500
Importance Code A	\$163,900	
Importance Code B		\$49,500
Total	\$163,900	\$49,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$6,300	\$25,100	\$400	\$4,200
Interior Architecture	\$20,900			\$1,600
Electrical	\$3,800	\$7,100	\$2,200	\$1,900
Mechanical	\$4,200	\$4,800	\$2,900	\$1,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$39,100	\$40,900	\$9,400	\$13,100
Importance Code A	\$7,000	\$25,900	\$1,200	\$5,000
Importance Code B	\$31,300	\$15,000	\$8,200	\$8,100
Importance Code C	\$700			
Total	\$39,100	\$40,900	\$9,400	\$13,100



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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6
Asset # : 1990

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	45%	2-4	\$72,500	LIFE	**	5	\$24,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
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	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Low Wall Coping</i>								
No Component	90%							
Roof								
Built-Up (BUR)	25%	2-4	\$1,700	2029	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stone Ballast</i>								
Roll Roofing	75%	0-2	\$4,600	2020	\$91,400	5	\$18,500	
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$4,900	LIFE	**	5	\$20,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	20%			LIFE	**	5	\$10,400	
Ceramic Tile	5%			2033	**	5	\$1,200	
Vinyl Tile	35%	Now	\$14,100	2029	**	3	\$3,100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Second Floor Office, Corridor And Stair</i>								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$200	
Concrete Masonry Unit	55%			LIFE	**	5	\$900	
Concrete Masonry Unit	20%			LIFE	**	5	\$300	
SGFT/Glazed Masonry	20%	0-2	\$600	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Garage Area</i>								

Note : 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 VEHICLE PREVENTIVE MAINT BLDG #6
Asset # : 1990

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	15%	0-2	\$600	2029	**	5	\$1,800	
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Room 202</i>								
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								
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	50%			2044	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch</i>								
Fused Disc Sw	50%			2044	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch For Emergency</i>								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	\$40,500	5		
Fused Disc Sw	50%			2044	**	5		
Raceway								
Conduit	80%			2024	\$17,700	1		
Conduit	20%			2044	**	1		
Panelboards								
Fused Disc Sw	10%			2023	\$3,000	5		
Molded Case Bkrs	80%			2023	\$23,900	5	\$300	
Molded Case Bkrs	10%			2040	**	5		
Wiring								
Thermoplastic	80%			2024	\$19,400	1		
Thermoplastic	20%			2044	**	1		
Motor Controllers								
Locally Mounted	20%			2022	\$9,000	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	

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

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

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FIRE DEPARTMENT - 057
FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6
Asset # : 1990

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Generators								
Diesel	100%			2033	**	1	\$5,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside - Near Buildings 6 And 7</i>								
<i>Explanation : One 425 Kva - Supplies Emergency Power To Buildings # 6, 7, 8, 10 And 14</i>								
Batteries								
Lead/Acid	100%			2018	\$1,500	5	\$500	
Fuel Storage								
Main Tank	100%			2052	**	5	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Area</i>								
<i>Explanation : One 700 Gallons</i>								
Lighting								
Interior Lighting								
Fluorescent	35%			2029	**	10	\$5,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
<i>Explanation : T-8 Lamps</i>								
HID	65%			2024	\$16,400	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	\$9,100	

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	**	5	\$4,900	
Conversion Equipment								
Furnace	20%			2024	\$3,900	1	\$1,600	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Roof</i>								
<i>Explanation : 1 Unit</i>								
Hot Water Boiler	80%			2037	**	1	\$6,300	
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : 1st Floor Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2032	**	4	\$800	

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Estimates are rounded to the nearest hundred dollars.

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FIRE DEPARTMENT - 057
FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6
Asset # : 1990

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Terminal Devices								
Convector/Radiator	50%			2029	**	1	\$2,600	
Unit Heater-Stm/HW	50%			2029	**	4	\$700	
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%	Now	\$2,900	2024	\$14,600	2	\$200	
			<i>Not in Service, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : 1 Of 2 Units On The Roof Is Out Of Service</i>					
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>					
			<i>Location : 3 Units On Roof</i>					
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,800	
Exhaust Fans								
Roof	85%			2024	\$10,700	2	\$400	
Wall Unit	15%			2024	\$3,600	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		
Water Heater								
Electric	50%			2019	\$1,200	4	\$100	
Electric	50%			2023	\$1,200	4	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Backflow Preventer								
No Component	90%							
Generic	10%			2029	**	1	\$100	
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Boiler Room</i>					
			<i>Explanation : For Boiler Only</i>					
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2034	**	1-2	\$900	

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG. # 103 EMS BATTALION STATION
Address : 103 TOTTEN AVENUE EMS OPERATIONS/SOC
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.103 / 13737 **Yr Built/Renovated** : 1892 /
Area Sq Ft : 4,591 **Project Type** : FIRE DEPARTMENT
Date of Survey : 09-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Floors 1
Block : 5917 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Interior Architecture		\$42,600
Total		\$42,600
Importance Code B		\$42,600
Total		\$42,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$24,500	\$2,200		
Interior Architecture	\$7,000	\$3,000		\$600
Electrical	\$5,300	\$200	\$100	\$8,300
Mechanical	\$5,900	\$300	\$300	\$900
Total	\$42,700	\$5,700	\$400	\$9,700
Importance Code A	\$24,700	\$2,400	\$200	\$200
Importance Code B	\$15,800	\$3,300	\$300	\$9,500
Importance Code C	\$2,200			
Total	\$42,700	\$5,700	\$400	\$9,700



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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 103 EMS BATTALION STATION
Asset # : 13737

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Alum/Vinyl Siding	5%			2036	**	10	\$100	
Cast in Place Concrete	10%			LIFE	**	5	\$4,400	
Masonry: Brick	85%	Now	\$24,500	LIFE	**	5	\$7,500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
Windows								
Aluminum	100%			2034	**	5	\$1,000	
Roof								
Asphalt Shingle	100%			2029	**	10	\$1,700	
Interior								
Floors								
Ceramic Tile	5%	0-2	\$600	2029	**	5	\$100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Bathroom</i>								
Quarry Tile	10%			2039	**	5	\$800	
<i>Worn/Eroded, Extent : Light, Area Affected : 50%</i>								
<i>Location : Various Locations</i>								
Vinyl Tile	85%	0-2	\$4,300	2026	\$42,600	3	\$1,700	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Ceramic Tile	5%	2-4	\$600	2029	**	5	\$200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Toilets</i>								
Concrete Masonry Unit	10%			LIFE	**	5	\$300	
Gypsum Board	50%			LIFE	**	5	\$2,300	
Masonry: Brick	5%	Now	\$1,600	LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement</i>								
Plaster	5%			LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Wood	25%			LIFE	**	5	\$7,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Explanation : Wood Panel Interior Finish</i>								

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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. # 103 EMS BATTALION STATION
Asset # : 13737

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	95%			2039	**	5	\$5,100	
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement</i>								
Gypsum Board	5%			LIFE	**	5	\$300	
Electrical								
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		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Electrical Room.</i>								
<i>Explanation : 2-200 Amp Switches.</i>								
Raceway								
Conduit	100%			2036	**	1		
Panelboards								
Molded Case Bkrs	100%			2034	**	5	\$100	
Wiring								
Thermoplastic	100%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2031	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2026	\$8,600	10	\$3,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Fixtures In Use.</i>								
Egress Lighting								
Emergency, Battery	50%			2031	**	10	\$400	
Exit, Battery	50%			2031	**	10	\$100	
Exterior Lighting								
HID	50%			2026	\$9,500	10		
No Component	50%							
Alarm								
Security System								
No Component	50%							
Generic	50%			2021	\$7,600	1	\$900	

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FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 103 EMS BATTALION STATION
Asset # : 13737

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

Alarm

Fire/Smoke Detection

No Component

90%

Generic, Analog

10%

4+

\$5,200

2036

* *

1-3

\$300

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

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

Heating

Energy Source

Fuel Oil No 2

100%

2036

* *

5

\$1,100

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 2 - 275 Gallon Tanks With Spill Protection*

Conversion Equipment

Hot Water Boiler

100%

2043

* *

1

\$1,800

*Recent Installation, Extent : Light, Area Affected : 100%**Location : Basement**Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : New Burner*

Distribution

Hot Wtr Piping/Pump

100%

2034

* *

4

\$300

Terminal Devices

Convactor/Radiator

100%

2031

* *

1

\$1,200

Air Conditioning

Energy Source

Electricity

100%

2042

* *

1

Conversion Equipment

Split Unit

30%

0-2

\$5,400

2036

* *

*Malfunctioning, Extent : Moderate, Area Affected : 30%**Location : Classroom*

Window/Wall Unit

70%

2024

\$5,700

1

Heat Rejection

No Component

30%

No Component

70%

Ventilation

Exhaust Fans

Interior

100%

2026

\$4,400

2

\$100

Plumbing

H/C Water Piping

Brass/Copper

100%

2046

* *

1

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 103 EMS BATTALION STATION
Asset # : 13737

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
Plumbing								
Water Heater Oil Fired	100%			2024	\$1,200	1	\$100	
<i>Recent Repair Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 - 40 Gallon Unit</i>								
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Fixtures Generic	100%							

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.
Address : 107 DUANE AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.107 / 13738 **Yr Built/Renovated** : 1896 / 2007
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$66,800
Total		\$66,800
Importance Code A		\$66,800
Total		\$66,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$9,200	\$5,800		\$3,600
Interior Architecture	\$7,600	\$23,700	\$2,400	
Electrical	\$14,000	\$100	\$100	\$100
Mechanical	\$26,700	\$1,700	\$6,100	\$7,800
Total	\$57,500	\$31,200	\$8,500	\$11,500
Importance Code A	\$10,400	\$7,000	\$1,200	\$4,800
Importance Code B	\$47,100	\$24,200	\$4,900	\$6,700
Importance Code C			\$2,400	
Total	\$57,500	\$31,200	\$8,500	\$11,500



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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.
Asset # : 13738

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	87%			LIFE	**	5	\$66,800	
			<i>Diagonal Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Attached Storage Shed</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Various Locations</i>					
			<i>Staining/Discoloring, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Various Locations</i>					
Masonry: Granite	5%			LIFE	**	5	\$2,900	
Masonry: Limestone	5%	Now	\$9,200	LIFE	**	5	\$2,900	
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Above Pull-up Door In Rear</i>					
			<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Metal Sect. OHD	3%			2031	**	5	\$7,200	
Windows								
Aluminum	100%			2034	**	5	\$11,600	
Roof								
Asphalt Shingle	100%			2035	**	10	\$9,000	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Asphalt Shingles Are Designed To Appear To Be Historic Slate</i>					
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$26,800	
Mosaic Tile	10%			2043	**	5	\$15,300	
Vinyl Tile	70%			2031	**	3	\$16,100	
Interior Walls								
Cast in Place Concrete	5%			LIFE	**			
Cast Stone/Terra Cotta	5%			LIFE	**			
Ceramic Tile	10%			2035	**	5	\$4,800	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Toilets</i>					
Gypsum Board	50%			LIFE	**	5	\$14,300	
Masonry: Brick	30%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	60%			2039	**	5	\$36,700	
Gypsum Board	30%			LIFE	**	5	\$22,900	
Masonry: Infill Arch	10%			LIFE	**			

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

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
FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.
Asset # : 13738

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	\$300	
			<i>Recent Installation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Recently Installed With Renovation On The 1st And 2nd Floors</i>					
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Grounding Device</i>					
Lighting								
Interior Lighting								
Fluorescent	100%			2026	\$29,600	10	\$11,400	
			<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Egress Lighting								
Emergency, Battery	50%			2026	\$9,100	10	\$1,500	
Exit, Battery	50%			2026	\$6,200	10	\$400	
Exterior Lighting								
HID	50%			2026	\$25,500	10		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Exterior</i>					
			<i>Explanation : Controlled Via Photocell</i>					
No Component	50%							
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	4+	\$14,000	2036	* *	1-3	\$700	
			<i>Devices Missing, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					

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

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		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil	100%			2046	**	5	\$3,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Two 275 Gallon Tanks</i>								
<hr/>								
Conversion Equipment								
Steam Boiler	100%			2031	**	1	\$12,300	
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement Mechanical Room</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Mechanical Room</i>								
<i>Explanation : One Oil Fired Steam Boiler</i>								
<hr/>								
Distribution								
Steam Piping/Pump	100%			2036	**	4	\$600	
<hr/>								
Terminal Devices								
Convactor/Radiator	100%			2031	**	1	\$4,000	
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		
<hr/>								
Conversion Equipment								
Split Unit	100%	2-4	\$25,000	2034	**			
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : 1st And 2nd Floor</i>								
<i>Explanation : 2 Units On Extended Life 1 Unit Poorly Installed</i>								
<hr/>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$16,100	
<hr/>								
Ventilation								
Exhaust Fans								
Interior	100%			2026	\$15,000	2	\$400	
<hr/>								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2039	**	1		
<hr/>								
Water Heater								
Oil Fired	100%			2021	\$4,200	1	\$400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Mechanical Room</i>								
<i>Explanation : Indirect Hot Water Heater</i>								
<hr/>								
Fixtures								
Generic	100%							
<hr/>								

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG. # 129 EMS CHAUFFEUR TRAINING SIMULATOR
Address : 129 SGT. BEERS AVENUE EVOC/CPR
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.129 / 13740 **Yr Built/Renovated** : 1871 /
Area Sq Ft : 4,566 **Project Type** : FIRE DEPARTMENT
Date of Survey : 10-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 5917 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$36,600	
Total	\$36,600	
Importance Code A	\$36,600	
Total	\$36,600	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$34,200			\$100
Interior Architecture	\$11,900	\$400		
Electrical	\$3,800	\$100	\$100	\$4,800
Mechanical	\$900	\$700	\$1,400	\$7,300
Total	\$50,700	\$1,200	\$1,500	\$12,200
Importance Code A	\$34,600	\$400	\$400	\$500
Importance Code B	\$10,100	\$800	\$1,000	\$11,700
Importance Code C	\$6,000			
Total	\$50,700	\$1,200	\$1,500	\$12,200



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
FORT TOTTEN - BLDG. # 129 EMS CHAUFFEUR TRAINING SIMULATOR
Asset # : 13740

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	\$800	LIFE	**	5	\$3,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Exterior Stair To Basement</i>								
Masonry: Brick	85%	Now	\$36,600	LIFE	**	5	\$5,600	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout.</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	5%			LIFE	**	5	\$200	
Windows								
Aluminum	100%			2051	**	5	\$200	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Slate	100%	4+	\$33,400	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Mostly Above Gutter.</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$700	
Vinyl Tile	50%			2031	**	3	\$1,200	
Vinyl Tile 9" X 9"	5%	Now	\$4,000	2036	**	3	\$100	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Cracked And Deteriorated Throughout Entry Vestibule</i>								
Wood	40%	Now	\$1,900	2054	**	5	\$2,500	
<i>Deteriorated Finish, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout 2nd Floor</i>								
Interior Walls								
Cast in Place Concrete	85%			LIFE	**			
Ceramic Tile	5%	Now	\$500	2035	**	5	\$200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 1st Floor Kitchen</i>								
Masonry: Brick	5%	Now	\$5,400	LIFE	**			
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
Plaster	5%	Now	\$100	LIFE	**	5	\$100	
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 1st Floor Studio Area/ Kitchen At Wall Base.</i>								

Note : 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. # 129 EMS CHAUFFEUR TRAINING SIMULATOR
Asset # : 13740

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

Interior

Ceilings

Plaster

100% LIFE * * 5 \$4,200
Paint Peeling, Extent : Light, Area Affected : 15%
Location : Throughout

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100% 2052 * * 5
Other Observation, Extent : Light, Area Affected : 100%
Location : Basement
Explanation : One (1) 100 Amp Service Switch

Raceway

Conduit

90% 2036 * *

Conduit

10% 2026 \$400 1

Panelboards

Molded Case Bkrs

100% 2042 * * 5 \$100

Wiring

Thermoplastic

90% 2036 * * 1

Thermoplastic

10% 2026 \$900 1

Ground

Grounding Devices

Generic

100% LIFE * * 5 \$100
Other Observation, Extent : Light, Area Affected : 100%
Location : One (1) Installed Outside And One (1) Installed In The Electrical Room.
Explanation : 2-ground Rods Installed.

Lighting

Interior Lighting

Fluorescent

97% 2031 * * 10 \$3,900
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%
Location : Throughout

Incandescent

3% 2021 \$800 2

Egress Lighting

Emergency, Service

30% 2026 \$700 1

Exit, Service

70% 2026 \$900 1

Exterior Lighting

HID

100% 2031 * * 10

Alarm

Security System

No Component

50%

Generic

50% Now \$3,800 2036 * * 1 \$800
Malfunctioning, Extent : Light, Area Affected : 50%
Location : Throughout The Building

Note : 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. # 129 EMS CHAUFFEUR TRAINING SIMULATOR
Asset # : 13740

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source Fuel Oil No 2	100%			2036	**	5	\$1,400
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Basement</i>							
<i>Explanation : 2 - 275 Gallon Tanks With Spill Protection</i>							
Conversion Equipment Steam Boiler	100%			2039	**	1	\$4,400
Distribution Steam Piping/Pump	100%			2036	**	4	\$200
Terminal Devices Convactor/Radiator	100%			2031	**	1	\$1,400
Air Conditioning							
Energy Source Electricity	100%			2042	**	1	
Conversion Equipment Split Unit	40%			2026			\$8,900
Window/Wall Unit	60%			2021		1	\$5,900
Distribution Ductwork/Diffusers	40%			LIFE	**	2	\$2,300
No Component	60%						
Terminal Devices Air Handler/Cool/Ht	40%			2031	**	1	\$1,100
No Component	60%						
Plumbing							
H/C Water Piping Brass/Copper	100%			2046	**	1	
HW Heat Exchanger Low Temp	100%			2046	**	4	\$700
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Basement</i>							
<i>Explanation : Domestic Coil No Storage</i>							
Sanitary Piping Cast Iron	100%			LIFE	**	1	
Storm Drain Piping Cast Iron	100%			LIFE	**	1	
Fixtures Generic	100%						

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG. # 139 EMS MEDICAL FILE STORAGE
Address : 139 SGT. BEERS LANE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.139 / 14323 **Yr Built/Renovated** :
Area Sq Ft : 9,381 **Project Type** : FIRE DEPARTMENT
Date of Survey : 10-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Roof, Floors 1,2
Block : 5917 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$47,400	
Interior Architecture	\$41,400	\$103,500
Total	\$88,800	\$103,500
Importance Code A	\$47,400	
Importance Code B	\$41,400	\$103,500
Total	\$88,800	\$103,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$36,200	\$4,100		
Interior Architecture	\$24,300		\$700	\$1,400
Electrical	\$5,500			
Total	\$66,000	\$4,100	\$700	\$1,400
Importance Code A	\$36,200	\$4,100		
Importance Code B	\$5,500		\$700	\$1,400
Importance Code C	\$24,300			
Total	\$66,000	\$4,100	\$700	\$1,400



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 139 EMS MEDICAL FILE STORAGE
Asset # : 14323

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Alum/Vinyl Siding	50%	Now	\$11,100	2046	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Front Facade</i>								
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Throughout Facade</i>								
<i>Explanation : Vegetation Growth</i>								
Masonry: Brick	50%	Now	\$25,200	LIFE	**	5	\$15,300	
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Exterior Facade.</i>								
Windows								
Aluminum	100%	4+	\$47,400	2042	**	5	\$2,600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Roof								
Asphalt Shingle	100%			2029	**	10	\$4,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$1,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : No Access</i>								
Ceramic Tile	10%			2035	**	5	\$1,300	
Vinyl Tile	85%	Now	\$41,400	2026	\$103,500	3	\$4,200	
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Debris And Abandoned Storage Materials Everywhere</i>								
Interior Walls								
Ceramic Tile	5%	Now	\$2,500	2035	**	5	\$400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bathrooms.</i>								
Gypsum Board	95%	Now	\$21,800	LIFE	**	5	\$9,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Ceilings								
Gypsum Board	100%			LIFE	**	5	\$16,400	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paint Peeling</i>								

Note : 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. # 139 EMS MEDICAL FILE STORAGE
Asset # : 14323

Electrical		Current Repair		Future Replacement		Maintenance		Priority
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%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Building Is Abandoned; Used For Storage</i>						
Raceway Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Building Is Abandoned; Used For Storage</i>						
Panelboards Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Building Is Abandoned; Used For Storage</i>						
Wiring Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Building Is Abandoned; Used For Storage</i>						
Ground Grounding Devices Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Building Is Abandoned; Used For Storage</i>						
Lighting Interior Lighting Incandescent	10%	Now	\$5,000	2036		**	2	
		<i>Not in Service, Extent : Light, Area Affected : 100%</i>						
		<i>Location : All Floors</i>						
No Component	90%							
Exterior Lighting HID	25%	Now	\$500	2031		**		
		<i>Not in Service, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Front Entrance Light</i>						
No Component	75%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
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. # 139 EMS MEDICAL FILE STORAGE
Asset # : 14323

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
Not Accessible	100%						
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location : Entire Building</i>						
	<i>Explanation : Building Unoccupied In Very Poor Condition</i>						
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							
Not Accessible	100%						
Terminal Devices							
Not Accessible	100%						
Heat Rejection							
Not Accessible	100%						
Dehumidifier							
Not Accessible	100%						
Ventilation							
Distribution							
Not Accessible	100%						
Exhaust Fans							
Not Accessible	100%						
Plumbing							
H/C Water Piping							
Not Accessible	100%						
Water Heater							
Not Accessible	100%						
HW Heat Exchanger							
Not Accessible	100%						
Sanitary Piping							
Not Accessible	100%						
Storm Drain Piping							
Not Accessible	100%						
Sump Pump(s)							
Not Accessible	100%						
Pool Filter/Treatment							
Not Accessible	100%						
Sewage Ejector(s)							
Not Accessible	100%						

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

Maintenance \$ are aggregated over a 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. # 139 EMS MEDICAL FILE STORAGE
Asset # : 14323

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Plumbing							
Backflow Preventer							
Not Accessible	100%						
Fixtures							
Not Accessible	100%						
Vertical Transport							
Elevators							
Not Accessible	100%						
Escalators							
Not Accessible	100%						
Fire Suppression							
Standpipe							
Not Accessible	100%						
Sprinkler							
Not Accessible	100%						
Fire Pump							
Not Accessible	100%						
Chemical System							
Not Accessible	100%						

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

Maintenance \$ are aggregated over a 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 : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG. # 309 EMS HAZMAT/ PARAMEDIC TRAINING
Address : 309 PRATT AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.309 / 13755 **Yr Built/Renovated** : 1897 /
Area Sq Ft : 4,874 **Project Type** : FIRE DEPARTMENT
Date of Survey : 09-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Floors 1
Block : 5917 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$57,600
Interior Architecture	\$41,900	\$494,300
Total	\$41,900	\$551,900
Importance Code A		\$57,600
Importance Code B	\$41,900	\$370,600
Importance Code C		\$123,700
Total	\$41,900	\$551,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$11,800			
Interior Architecture	\$71,900	\$400	\$1,500	\$25,200
Electrical	\$16,500	\$200	\$100	\$16,300
Mechanical	\$2,200	\$600	\$800	\$12,300
Total	\$102,400	\$1,200	\$2,400	\$53,800
Importance Code A	\$12,300	\$500	\$500	\$500
Importance Code B	\$49,000	\$700	\$1,900	\$53,300
Importance Code C	\$41,100			
Total	\$102,400	\$1,200	\$2,400	\$53,800



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 309 EMS HAZMAT/ PARAMEDIC TRAINING
Asset # : 13755

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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	\$11,800	LIFE	**	5	\$19,200	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entrance Stair</i>								
Masonry: Brick	75%			LIFE	**	5	\$57,600	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Shed Addition</i>								
Masonry: Granite	20%			LIFE	**	5	\$11,500	
Windows								
Aluminum	100%			2042	**	5	\$11,600	
Roof								
Asphalt Shingle	100%			2035	**	10	\$9,000	
Interior								
Floors								
Cast in Place Concrete	35%	4+	\$24,300	LIFE	**	5	\$46,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Basement Floor.</i>								
Ceramic Tile	5%			2035	**	5	\$3,100	
Quarry Tile	55%			2031	**	5	\$50,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Terracotta Tile.</i>								
Vinyl Tile	5%			2031	**	3	\$1,100	
Interior Walls								
Ceramic Tile	5%	Now	\$14,300	2029	**	5	\$1,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Bathrooms.</i>								
Masonry: Brick	10%	Now	\$10,100	LIFE	**			
<i>Efflorescence, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout Basement Walls.</i>								
Granite Panels	20%	Now	\$16,700	LIFE	**			
<i>Efflorescence, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout Basement</i>								
Wood	65%			LIFE	**	5	\$123,700	
Ceilings								
AcousTileConcealSpLn	60%	Now	\$6,500	2024	\$323,700	5	\$22,900	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout Main Floor Ceiling.</i>								
Exposed Struc: Wood	20%	Now	\$41,900	LIFE	**			
<i>Split/Cracked, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout Basement</i>								
Plaster	20%			LIFE	**	5	\$7,600	

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FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 309 EMS HAZMAT/ PARAMEDIC TRAINING
Asset # : 13755

Electrical		Current Repair		Future Replacement		Maintenance		Priority
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%			2036	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : In Basement.</i>								
<i>Explanation : 1-100 Amp Service Switch.</i>								
Raceway								
Conduit	100%			2026	\$4,100	1		
Panelboards								
Molded Case Bkrs	100%			2034	**	5	\$100	
Wiring								
Thermoplastic	100%			2026	\$8,900	1		
Motor Controllers								
Locally Mounted	100%			2024	\$7,800	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : In Basement Under Steps.</i>								
<i>Explanation : Grounding Device</i>								
Lighting								
Interior Lighting								
Fluorescent	100%			2021	\$11,600	10	\$4,500	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Egress Lighting								
Emergency, Battery	50%			2026	\$3,600	10	\$600	
Exit, Battery	50%			2026	\$2,400	10	\$200	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	4+	\$16,500	2036	**	1-3	\$800	
<i>Local/Battery Operated Detect, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
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%			2036	**	5	\$1,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 275 Gallon Tanks</i>								

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 309 EMS HAZMAT/ PARAMEDIC TRAINING
Asset # : 13755

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Steam Boiler	100%			2043	**	1	\$4,800	
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Unit 6 Years Old</i>						
Distribution								
Steam Piping/Pump	100%			2036	**	4	\$200	
Terminal Devices								
Convactor/Radiator	100%			2031	**	1	\$1,600	
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Window/Wall Unit	100%			2021		1	\$10,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	**	1		
Water Heater								
Electric	100%	2-4	\$1,600	2026	\$1,600	4		
		<i>On Extended Life, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Basement</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 Unit - 50 Gallons</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Plastic/PVC	100%			2039	**	1		
Fixtures								
Generic	100%							

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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



*Note : 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. # 318 GENERAL STORAGE
Asset # : 13761

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

*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%

Note : 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. # 318 GENERAL STORAGE
Asset # : 13761

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Not Accessible	100%							
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								
Not Accessible	100%							
Terminal Devices								
Not Accessible	100%							
Heat Rejection								
Not Accessible	100%							

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FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 318 GENERAL STORAGE
Asset # : 13761

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Dehumidifier							
Not Accessible	100%						
Ventilation							
Distribution							
Not Accessible	100%						
Exhaust Fans							
Not Accessible	100%						
Plumbing							
H/C Water Piping							
Not Accessible	100%						
Water Heater							
Not Accessible	100%						
HW Heat Exchanger							
Not Accessible	100%						
Sanitary Piping							
Not Accessible	100%						
Storm Drain Piping							
Not Accessible	100%						
Sump Pump(s)							
Not Accessible	100%						
Pool Filter/Treatment							
Not Accessible	100%						
Sewage Ejector(s)							
Not Accessible	100%						
Backflow Preventer							
Not Accessible	100%						
Fixtures							
Not Accessible	100%						
Vertical Transport							
Elevators							
Not Accessible	100%						
Escalators							
Not Accessible	100%						
Fire Suppression							
Standpipe							
Not Accessible	100%						
Sprinkler							
Not Accessible	100%						
Fire Pump							
Not Accessible	100%						
Chemical System							
Not Accessible	100%						

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$265,500	\$263,200
Electrical	\$74,100	\$59,100
Mechanical	\$39,100	\$116,000
Total	\$378,700	\$438,400
Importance Code A	\$304,600	\$263,200
Importance Code B	\$74,100	\$175,200
Total	\$378,700	\$438,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$36,900	\$5,800		
Interior Architecture	\$26,300	\$22,200		\$1,200
Electrical	\$2,500	\$2,900	\$5,000	\$25,900
Mechanical	\$2,900	\$2,700	\$8,600	\$7,600
Total	\$68,500	\$33,500	\$13,600	\$34,700
Importance Code A	\$37,600	\$7,400	\$1,600	\$1,600
Importance Code B	\$30,800	\$26,200	\$12,000	\$31,900
Importance Code C				\$1,200
Total	\$68,500	\$33,500	\$13,600	\$34,700



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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 325 EMS ACADEMY
Asset # : 13739

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$30,000	
Masonry: Brick	35%	Now	\$265,500	LIFE	**	5	\$26,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Low Masonry Walls At Exterior Stairs</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Gymnasium/ Locker Room Wing</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Gymnasium/ Locker Room Wing</i>								
Masonry: Brick	50%			LIFE	**	5	\$38,400	
Stucco Cement	5%	Now	\$6,100	2031	**	5	\$4,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Exterior Stairs Foundation Wall</i>								
Wood	5%	Now	\$11,000	2043	**	5	\$9,600	
<i>Paint Peeling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Gymnasium Wing Eaves</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Gymnasium Wing Eaves</i>								
Windows								
Aluminum	100%			2034	**	5	\$11,600	
Roof								
Asphalt Shingle	98%	0-2	\$19,800	2022	\$197,900			
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Over Classrooms</i>								
Metal Panel	2%			2043	**	10	\$2,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Covered Area Over Front Door</i>								
<i>Explanation : Standing Seam Metal Roof</i>								
Interior								
Floors								
Ceramic Tile	10%			2039	**	5	\$6,100	
Vinyl Tile	90%			2031	**	3	\$20,600	
<i>Recent Construction, Extent : Light, Area Affected : 30%</i>								
<i>Location : Gymnasium Locker Room Wing</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 10%</i>								
<i>Location : Basement In Main Building</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								

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

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FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 325 EMS ACADEMY
Asset # : 13739

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2041	**	5	\$2,400	
<i>Recent Construction, Extent : Light, Area Affected : 40%</i>								
<i>Location : Gymnasium Locker Room Wing</i>								
Concrete Masonry Unit	5%			LIFE	**	5	\$1,000	
Gypsum Board	35%			LIFE	**	5	\$10,000	
<i>Recent Replace Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : Locker Room, Toilets, Gymnasium</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement Construction</i>								
Plaster	55%			LIFE	**	5	\$7,900	
Ceilings								
AcousTileSusp.Lay-In	40%			2039	**	5	\$24,500	
Plaster	60%	Now	\$26,300	LIFE	**	5	\$22,900	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Below Kitchen, Main Boiler Room</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 20%</i>								
<i>Location : 3rd Floor Classrooms</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Below Kitchen, Main Boiler Room</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Rear Wing.</i>								
<i>Explanation : 600 Amp Service Switch.</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Rear Wing.</i>								
<i>Explanation : Recently Installed Equipment.</i>								
Raceway								
Conduit	20%			2046	**	1		
Conduit	80%			2026		1	\$3,300	
Panelboards								
Molded Case Bkrs	10%			2042	**	5	\$100	
Molded Case Bkrs	90%			2025		5	\$14,700	\$800
Wiring								
Thermoplastic	10%			2046	**	1		
Thermoplastic	90%			2026		1	\$8,000	
Motor Controllers								
Locally Mounted	100%			2031	**	5	\$200	

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

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FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 325 EMS ACADEMY
Asset # : 13739

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Ground Wires Connect To Ground Rod And Water Main</i>							
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	**	1	\$9,800	
Generators								
Diesel	100%			2035	**	1	\$12,400	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Building Exterior</i>							
	<i>Explanation : 250 Kw Generator Installed In 2014</i>							
Batteries								
Lead/Acid	100%			2020	\$1,600	5	\$1,200	
Fuel Storage								
Main Tank	100%			2054	**	5	\$900	
Lighting								
Interior Lighting								
Fluorescent	50%			2021	\$38,100	10	\$14,600	
	<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Building 325 (Front Wing)</i>							
LED	50%			2031	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Building 325 (Rear Wing)</i>							
	<i>Explanation : Led Lighting Recently Installed</i>							
Egress Lighting								
Emergency, Service	50%			2021	\$8,600	1		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : Recently Installed Fixtures</i>							
Exit, Service	50%			2031	**	1		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : Recently Installed Fixtures.</i>							
Exterior Lighting								
HID	45%			2026	\$59,100	10		
Incandescent	5%			2026	\$5,600	2		
No Component	50%							
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%			2021	\$36,000	1-3	\$2,000	
	<i>Local/Battery Operated Detect, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 325 EMS ACADEMY
Asset # : 13739

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	50%			2046	**	5	\$4,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior</i>								
<i>Explanation : 1800 Double Wall Tank With Leak Detection Serves Front Building</i>								
Fuel Oil No 2	50%			2046	**	5	\$4,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 500 Gallon Double Wall Tank With Leak Detection Serves Rear Building</i>								
Conversion Equipment								
Hot Water Boiler	50%			2039	**	1	\$7,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Serves Rear Building</i>								
Hot Water Boiler	50%	Now	\$39,100	2046	**	1	\$7,100	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Jacket Parts Missing Or Deteriorated. General Condition Is Very Poor.</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2034	**	4	\$2,400	
Terminal Devices								
Convactor/Radiator	100%			2031	**	1	\$10,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Split Unit	50%			2026			\$80,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Serves Rear Building</i>								
Window/Wall Unit	50%			2024		1	\$35,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Serves Front Building</i>								
Distribution								
Ductwork/Diffusers	50%			LIFE	**	2	\$20,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Rear Building</i>								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	**	2-5	\$3,600	
No Component	80%							
Exhaust Fans								
Roof	100%			2026		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.

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 325 EMS ACADEMY
Asset # : 13739

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
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2046	* *	1		
Under Construction	50%							
<hr/>								
Water Heater								
Oil Fired	100%			2024	\$10,800	1	\$900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2- 90 Gallon Units</i>						
<hr/>								
Sanitary Piping								
Cast Iron	50%			LIFE	* *	1		
Under Construction	50%							
<hr/>								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
<hr/>								
Sewage Ejector(s)								
No Component	50%							
Under Construction	50%							
<hr/>								
Fixtures								
Generic	100%							
<hr/>								

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG. # 332 FORMER THEATRE
Address : 332 PRATT AVENUE
Borough : QUEENS **Agency's Number** : 332
Program / Asset # : FIR0020.332 / 13766 **Yr Built/Renovated** : 1939 /
Area Sq Ft : 6,288 **Project Type** : FIRE DEPARTMENT
Date of Survey : 27-May-2015 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 5917 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$2,992,900	\$179,500
Interior Architecture	\$643,700	
Mechanical	\$111,200	\$88,300
Total	\$3,747,800	\$267,900
Importance Code A	\$2,992,900	\$179,500
Importance Code B	\$192,800	\$88,300
Importance Code C	\$562,100	
Total	\$3,747,800	\$267,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$30,300			
Interior Architecture	\$17,200			
Mechanical	\$69,700	\$600	\$2,700	\$600
Total	\$117,200	\$600	\$2,700	\$600
Importance Code A	\$63,700	\$600	\$600	\$600
Importance Code B	\$53,500		\$2,100	
Importance Code C				
Total	\$117,200	\$600	\$2,700	\$600



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 332 FORMER THEATRE
Asset # : 13766

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	10%	Now	\$473,300	LIFE	**	5	\$64,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations Around Building</i>								
Masonry: Brick	90%	Now	\$2,279,000	LIFE	**	5	\$115,400	
<i>Vegetation Growth, Extent : Light, Area Affected : 75%</i>								
<i>Location : Various Locations Around Building</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations Around Building</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entire Building</i>								
<i>Explanation : Building Is Abandoned. Not In Use.</i>								
Windows								
Wood	100%	Now	\$30,300	2051	**	5	\$5,000	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 90%</i>								
<i>Location : Various Locations Around Building</i>								
Roof								
Slate	100%	Now	\$240,600	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Locations</i>								
Interior								
Floors								
Sheet Vinyl/Rubber	10%	Now	\$4,600	2036	**	5	\$5,300	
<i>Adhesion Failure, Extent : Light, Area Affected : 90%</i>								
<i>Location : Second Floor</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Second Floor</i>								
Not Accessible	40%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Basement</i>								
<i>Explanation : Flooded</i>								
Not Accessible	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : First Floor</i>								
<i>Explanation : Most Doors Boarded Closed. One Door Obstructed With Debris.</i>								
Interior Walls								
Plaster	100%	Now	\$562,100	LIFE	**	5	\$19,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Various Locations</i>								
<i>Deteriorated Finish, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								

Note : 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. # 332 FORMER THEATRE
Asset # : 13766

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileConcealSpLn	2%	Now	\$12,600	2046	**	5	\$900	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Second Floor</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 50%</i>								
<i>Location : Second Floor</i>								
Plaster	8%	Now	\$81,600	LIFE	**	5	\$3,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Projection Booth</i>								
Not Accessible	90%							

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Building Is Abandoned</i>								
Transformers								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Building Is Abandoned</i>								
Switchgear / Switchboard								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Building Is Abandoned</i>								
Raceway								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Building Is Abandoned</i>								
Panelboards								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Building Is Abandoned</i>								

Note : 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. # 332 FORMER THEATRE
Asset # : 13766

Electrical	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Under 600 Volts							
Wiring							
Not Accessible	100%						
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location : Throughout</i>						
	<i>Explanation : Building Is Abandoned</i>						
Motor Controllers							
Not Accessible	100%						
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location : Throughout</i>						
	<i>Explanation : Building Is Abandoned</i>						
Ground							
Grounding Devices							
Not Accessible	100%						
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location : Throughout</i>						
	<i>Explanation : Building Is Abandoned</i>						
Stand-by Power							
Transfer Switches							
Not Accessible	100%						
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location : Throughout</i>						
	<i>Explanation : Building Is Abandoned</i>						
Generators							
Not Accessible	100%						
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location : Throughout</i>						
	<i>Explanation : Building Is Abandoned</i>						
Batteries							
Not Accessible	100%						
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location : Throughout</i>						
	<i>Explanation : Building Is Abandoned</i>						
Fuel Storage							
Not Accessible	100%						
Lighting							
Interior Lighting							
Not Accessible	100%						
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location : Throughout</i>						
	<i>Explanation : Building Is Abandoned</i>						
Egress Lighting							
Not Accessible	100%						
Lightning Protection							
Arresters/Cabling							
Not Accessible	100%						
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location : Throughout</i>						
	<i>Explanation : Building Is Abandoned</i>						

Note : 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. # 332 FORMER THEATRE
Asset # : 13766

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

Alarm

Security System
Not Accessible

100%

*Other Observation, Extent : Light, Area Affected : 0%**Location : Throughout**Explanation : Building Is Abandoned*

Fire/Smoke Detection
Not Accessible

100%

*Other Observation, Extent : Light, Area Affected : 0%**Location : Throughout**Explanation : Building Is Abandoned*

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

Heating

Energy Source
Fuel Oil

100%

Now

\$16,900

2056

* *

5

\$1,000

*Abandoned in Place, Extent : Severe, Area Affected : 100%**Location : Basement*

Conversion Equipment
Steam Boiler

100%

Now

\$33,400

2046

* *

1

\$5,600

*Abandoned in Place, Extent : Severe, Area Affected : 100%**Location : Basement*

Distribution

Not Accessible

100%

Terminal Devices

Not Accessible

100%

Air Conditioning

Energy Source
Electricity

100%

Now

\$19,400

2051

* *

1

*Abandoned in Place, Extent : Severe, Area Affected : 100%**Location : 2nd Floor*

Conversion Equipment
Interior Pkg Unit -
Cooling

100%

Now

\$53,000

2027

\$88,300

2

\$300

*Abandoned in Place, Extent : Severe, Area Affected : 100%**Location : 2nd Floor*

Distribution

Ductwork/Diffusers

100%

Now

\$58,200

LIFE

* *

2

\$8,200

*Abandoned in Place, Extent : Severe, Area Affected : 100%**Location : 2nd Floor***Plumbing**

H/C Water Piping
Not Accessible

100%

HW Heat Exchanger

Not Accessible

100%

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

Maintenance \$ are aggregated over a 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. # 332 FORMER THEATRE
Asset # : 13766

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
Plumbing								
Sanitary Piping								
Not Accessible	100%							
Storm Drain Piping								
Not Accessible	100%							
Sump Pump(s)								
Not Accessible	100%							
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a 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 : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG. # 333 QUARTERMASTER
Address : 333 PRATT AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.333 / 13767 **Yr Built/Renovated** : 1897 / 1997
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$135,700	\$298,800
Interior Architecture	\$168,900	
Electrical	\$39,800	\$37,700
Mechanical	\$50,100	\$44,200
Total	\$394,500	\$380,800
Importance Code A	\$135,700	\$298,800
Importance Code B	\$258,800	\$82,000
Total	\$394,500	\$380,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$52,700			
Interior Architecture	\$36,700	\$2,200		\$8,300
Electrical	\$700	\$1,000	\$1,100	\$8,300
Mechanical	\$26,800	\$4,600	\$3,000	\$40,300
Total	\$116,900	\$7,700	\$4,000	\$56,900
Importance Code A	\$78,900	\$1,600	\$1,600	\$1,700
Importance Code B	\$37,900	\$5,700	\$2,400	\$55,200
Importance Code C		\$300		
Total	\$116,900	\$7,700	\$4,000	\$56,900



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 333 QUARTERMASTER
Asset # : 13767

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Alum/Vinyl Siding	15%			2036	**	10	\$2,000	
Cast in Place Concrete	5%	Now	\$26,500	LIFE	**	5	\$10,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 50%</i>								
<i>Location : Ramp</i>								
Masonry: Brick	70%	Now	\$99,200	LIFE	**	5	\$30,100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
Masonry: Fieldstone	10%			LIFE	**	5	\$3,200	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
Windows								
Wood	100%			2034	**	5	\$73,000	
<i>Air Infiltration, Extent : Light, Area Affected : 75%</i>								
<i>Location : Various Locations, Due To Window AC Units</i>								
Roof								
Asphalt Shingle	100%	Now	\$26,200	2022			\$262,300	
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various Locations</i>								
Interior								
Floors								
Cast in Place Concrete	20%	Now	\$2,800	LIFE	**	5	\$10,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 30%</i>								
<i>Location : Basement</i>								
Ceramic Tile	2%	Now	\$3,100	2035	**	5	\$200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : First Floor Men And Women Restrooms</i>								
<i>Loose Units, Extent : Light, Area Affected : 40%</i>								
<i>Location : First Floor Men And Women Restrooms</i>								
Sheet Vinyl/Rubber	10%			2034	**	5	\$3,700	
Vinyl Tile	48%	Now	\$109,700	2036	**	3	\$4,400	
<i>Patching Evident, Extent : Light, Area Affected : 40%</i>								
<i>Location : First Floor</i>								
Vinyl Tile 9" X 9"	20%	Now	\$59,200	2036	**	3	\$1,800	
<i>Adhesion Failure, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Broken/Missing Elements, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement</i>								

Note : 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. # 333 QUARTERMASTER
Asset # : 13767

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	2%			2029	**	5	\$600	
Gypsum Board	38%			LIFE	**	5	\$7,200	
Masonry: Brick	5%			LIFE	**			
Plaster	50%			LIFE	**	5	\$4,700	
Wood	5%			LIFE	**	5	\$6,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lobby</i>								
<i>Explanation : Wainscot</i>								
Ceilings								
AcousTileSusp.Lay-In	50%			2031	**	5	\$12,300	
Embossed Metal	2%	Now	\$4,700	LIFE	**	5	\$200	
<i>Bent/Warped Elements, Extent : Light, Area Affected : 30%</i>								
<i>Location : Basement</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Basement</i>								
Gypsum Board	48%	Now	\$26,100	LIFE	**	5	\$14,800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 30%</i>								
<i>Location : Basement</i>								
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2036	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : In Basement Storage Area.</i>								
<i>Explanation : 400 Amp Main Service Switch</i>								
Fused Disc Sw	50%			2036	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : In Basement Storage Room</i>								
<i>Explanation : 30 Amp Fire Alarm Disconnect Switch</i>								
Raceway								
Conduit	90%			2026	\$3,700	1		
Conduit	10%			2036	**	1		
Panelboards								
Molded Case Bkrs	80%			2025	\$6,500	5	\$400	
Molded Case Bkrs	20%			2034	**	5	\$100	
Wiring								
Thermoplastic	80%			2026	\$7,100	1		
Thermoplastic	20%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2024	\$15,700	5	\$100	

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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 333 QUARTERMASTER
Asset # : 13767

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	**	1	\$5,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Emergency Power From Ems Academy Generator</i>						
Lighting								
Interior Lighting								
Fluorescent	96%			2026	\$37,700	10	\$14,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 And T-8 Fixtures Are In Use</i>						
HID	4%			2021	\$5,900	10		
Egress Lighting								
Exit, Service	30%			2021	\$1,500	1		
No Component	70%							
Exterior Lighting								
HID	10%			2026	\$7,300	10		
Incandescent	2%			2026	\$1,200	2		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Front Of Building</i>						
		<i>Explanation : Exterior Globes</i>						
No Component	88%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	\$11,600	1	\$1,300	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	\$39,800	2036	**	1-3	\$2,000	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Obsolete System</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 6	100%			2026	\$44,200	5	\$5,100	

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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 333 QUARTERMASTER
Asset # : 13767

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	2-4	\$26,200	2031	* *	1	\$14,700	
	<i>Damaged, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Basement Flue Duct Needs To Be Repaired / Replaced</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement Mechanical Room</i>							
	<i>Explanation : Oil Fired Steam Boiler</i>							
<hr/>								
Distribution								
Steam Piping/Pump	100%	4+	\$50,100	2036	* *	4	\$800	
	<i>Corroded, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Basement</i>							
	<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Basement</i>							
<hr/>								
Terminal Devices								
Convactor/Radiator	100%			2039	* *	1	\$5,300	
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
<hr/>								
Conversion Equipment								
Split Unit	10%			2034	* *			
	<i>Recent Installation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Basement Data Room</i>							
<hr/>								
Window/Wall Unit	90%			2021	\$33,200	1		
<hr/>								
Heat Rejection								
Evap Condenser	100%			2031	* *	2	\$11,500	
<hr/>								
Ventilation								
Exhaust Fans								
Roof	100%			2031	* *	2	\$500	
<hr/>								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2039	* *	1		
<hr/>								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	\$1,600	
<hr/>								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
<hr/>								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
<hr/>								
Sump Pump(s)								
Not Accessible	100%							
<hr/>								
Fixtures								
Generic	100%							
<hr/>								

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG. # 336 FLSTP BILLETS
Address : 336 SHORE ROAD
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.336 / 13768 **Yr Built/Renovated** : 1958 / 2002
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$40,500	\$87,400
Interior Architecture	\$51,700	\$114,700
Electrical		\$97,800
Mechanical	\$53,100	
Total	\$145,300	\$299,800
Importance Code A	\$40,500	\$87,400
Importance Code B	\$53,100	\$212,500
Importance Code C	\$51,700	
Total	\$145,300	\$299,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$3,100			
Interior Architecture	\$800	\$16,800	\$4,200	\$2,700
Electrical	\$3,700	\$5,100	\$3,000	\$29,100
Mechanical	\$4,600	\$3,200	\$2,800	\$6,100
Total	\$12,200	\$25,100	\$10,000	\$37,800
Importance Code A	\$4,300	\$1,200	\$1,200	\$1,200
Importance Code B	\$7,900	\$24,000	\$5,100	\$36,600
Importance Code C			\$3,700	
Total	\$12,200	\$25,100	\$10,000	\$37,800



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 336 FLSTP BILLETS
Asset # : 13768

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%	Now	\$600	LIFE	**	5	\$2,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Boiler Room Entrance, Steps At Entry</i>								
Cast Stone/Terra Cotta	2%			LIFE	**	5	\$4,000	
Masonry: Brick	96%	0-2	\$40,500	LIFE	**	5	\$24,600	
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Brick Open Joints</i>								
Windows								
Aluminum	98%			2042	**	5	\$4,300	
Steel	2%	Now	\$2,500	2042	**	5	\$500	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement Level, Washroom Area</i>								
<i>Explanation : Deteriorated Metal Windows</i>								
Roof								
Built-Up (BUR)	100%			2026		10	\$17,500	
Interior								
Floors								
Carpet	60%			2022	\$296,000	3	\$31,900	
Cast in Place Concrete	10%	Now	\$800	LIFE	**	5	\$7,800	
<i>Water Penetration, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Basement, Washroom Area</i>								
Mosaic Tile	10%			2039	**	5	\$8,900	
Sheet Vinyl/Rubber	10%			2026	\$114,700	5	\$5,300	
Vinyl Tile	10%			2026	\$32,900	3	\$1,300	
Interior Walls								
Cast in Place Concrete	10%	Now	\$51,700	LIFE	**			
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Basement, Washroom Area</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Basement, Washroom Area</i>								
Ceramic Tile	20%			2035	**	5	\$7,500	
Concrete Masonry Unit	60%			LIFE	**	5	\$9,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement, Washroom Area</i>								
Gypsum Board	10%			LIFE	**	5	\$2,200	
Ceilings								
AcousTileSusp.Lay-In	10%			2039	**	5	\$3,500	
Plaster	90%			LIFE	**	5	\$19,900	
<i>Paint Peeling, Extent : Light, Area Affected : 2%</i>								
<i>Location : First Floor Reception Area</i>								

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

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

Maintenance \$ are aggregated over a 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. # 336 FLSTP BILLETS
Asset # : 13768

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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%			2046	**	5	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Service Room.</i>						
		<i>Explanation : 800 Amp Service Switch.</i>						
Transformers								
Dry Type	100%			2039	**	5	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Outside Electrical Room</i>						
		<i>Explanation : Also Serves Another Building</i>						
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	**	5	\$100	
Raceway								
Conduit	100%			2046	**	1		
Panelboards								
Molded Case Bkrs	100%			2048	**	5	\$600	
Wiring								
Not Accessible	100%							
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : In Laundry Room.</i>						
		<i>Explanation : Ground Connection Partially Covered With Insulation.</i>						
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	**	1	\$7,300	
Generators								
Diesel	100%			2029	**	1	\$9,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Building Exterior Near Boiler Room</i>						
		<i>Explanation : 80 Kva Generator</i>						
Batteries								
Lead/Acid	100%			2019	\$1,600	5	\$900	
Fuel Storage								
Main Tank	100%			2041	**	5	\$700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Building Exterior Near Boiler Room</i>						
		<i>Explanation : Belly Tank</i>						
Lighting								
Interior Lighting								
Fluorescent	98%			2031	**	10	\$21,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 And T-12 Fixtures.</i>						
Incandescent	2%			2031	**	2		

Note : 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. # 336 FLSTP BILLETS
Asset # : 13768

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

Lighting

Egress Lighting							
Emergency, Battery	70%			2031	**	10	\$4,000
Exit, Battery	30%			2026	\$7,100	10	\$500
Exterior Lighting							
HID	100%			2026	\$97,800	10	\$100

Alarm

Fire/Smoke Detection							
Generic, Analog	100%			2036	**	1-3	\$15,100
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Throughout The Building</i>							

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

Heating

Energy Source							
Fuel Oil No 2	100%			2046	**	5	\$7,300
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Rear Of Building</i>							
<i>Explanation : 3,000 Gallon Tank With Spill Control / Above Ground</i>							

Conversion Equipment							
Hot Water Boiler	100%			2031	**	1	\$11,700
Distribution							
Hot Wtr Piping/Pump	100%			2034	**	4	\$1,700
Terminal Devices							
Convactor/Radiator	100%			2031	**	1	\$7,700

Air Conditioning

Energy Source							
Electricity	100%			2042	**	1	
Conversion Equipment							
Window/Wall Unit	100%			2021	\$53,100	1	

Plumbing

H/C Water Piping							
Brass/Copper	100%			2046	**	1	
HW Heat Exchanger							
Low Temp	100%			2046	**	4	\$3,500
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Basement</i>							
<i>Explanation : Indirect Heating Tank With 100 Gallon Storage</i>							

Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	

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

Maintenance \$ are aggregated over a 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. # 336 FLSTP BILLETS
Asset # : 13768

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
Plumbing								
Sump Pump(s) Rigid Piping	100%			2031	* *	4	\$2,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Dual Pumps</i>								
<hr/>								
Backflow Preventer No Component Generic	95%			2034	* *	1	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Serves Boiler Only</i>								
<hr/>								
Fixtures								
Generic	100%							
<hr/>								
Fire Suppression								
Sprinkler Generic	100%			2046	* *	1-2	\$6,600	
<hr/>								

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$44,000	\$65,300
Electrical	\$9,200	\$48,100
Mechanical	\$47,700	
Total	\$100,900	\$113,400
Importance Code A	\$44,000	\$65,300
Importance Code B	\$56,900	\$48,100
Total	\$100,900	\$113,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$19,500		\$4,500	
Interior Architecture	\$46,100	\$10,700	\$500	\$7,800
Electrical	\$1,800	\$2,100	\$3,900	\$2,200
Mechanical	\$4,000	\$3,100	\$3,700	\$6,600
Total	\$71,400	\$15,900	\$12,600	\$16,500
Importance Code A	\$21,800	\$2,200	\$6,700	\$2,500
Importance Code B	\$41,900	\$13,700	\$5,400	\$14,000
Importance Code C	\$7,800		\$500	
Total	\$71,400	\$15,900	\$12,600	\$16,500



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 405 EMS ACADEMY - CFR TRAINING
Asset # : 13772

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	2%	Now	\$4,700	LIFE	**	5	\$7,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Concrete Steps At Entry</i>								
Masonry: Brick	20%	Now	\$10,100	LIFE	**	5	\$15,400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Building Extension At Rear</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Chimney</i>								
Masonry: Brick	65%			LIFE	**	5	\$49,900	
Masonry: Granite	8%			LIFE	**	5	\$4,600	
Wood	5%	Now	\$44,000	2031	**	5	\$9,600	
<i>Paint Peeling, Extent : Moderate, Area Affected : 90%</i>								
<i>Location : Roof Eaves/ Soffits</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Roof Eaves/ Soffits</i>								
Windows								
Aluminum	10%	Now	\$1,100	2042	**	5	\$600	
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 1%</i>								
<i>Location : North Side</i>								
Aluminum	90%			2042	**	5	\$10,500	
Roof								
Asphalt Shingle	90%	Now	\$3,600	2029	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Vent Cap Located On Roof Is Missing</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 8%</i>								
<i>Location : Main Roof, Affecting Second Floor Ceiling Throughout</i>								
Roll Roofing	10%			2025		5	\$9,000	
Interior								
Floors								
Carpet	3%	4+	\$500	2022	\$25,500	3	\$2,800	
<i>Staining/Discoloring, Extent : Light, Area Affected : 30%</i>								
<i>Location : 1st Floor A/v Conference Room</i>								
Cast in Place Concrete	5%			LIFE	**	5	\$6,700	
Mosaic Tile	2%			2039	**	5	\$3,100	
Vinyl Tile	90%	4+	\$10,200	2031	**	3	\$20,600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : 1st Floor Cafeteria</i>								
Interior Walls								
Ceramic Tile	2%			2035	**	5	\$1,000	
Concrete Masonry Unit	2%			LIFE	**	5	\$400	
Masonry: Brick	2%			LIFE	**			
Plaster	94%	Now	\$7,800	LIFE	**	5	\$13,400	
<i>Water Penetration, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : Basement Room B03, Second Floor, Meeting Room</i>								

Note : 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. # 405 EMS ACADEMY - CFR TRAINING
Asset # : 13772

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

Interior

Ceilings

AcousTile,Adhered	10%	Now	\$1,200	2031	**	5	\$3,100	
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Broken/Missing Elements, Extent : Moderate, Area Affected : 8%

Location : Second Floor, Rooms 203, 210 And Hallway

AcousTileSusp.Lay-In	30%			2039	**	5	\$18,300	
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Plaster	60%	Now	\$26,300	LIFE	**	5	\$22,900	
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Paint Peeling, Extent : Light, Area Affected : 10%

Location : 2nd Floor Classrooms

Water Penetration, Extent : Moderate, Area Affected : 12%

Location : Basement Room B03, 2nd Floor Offices.

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

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2046	**	5	\$600	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Basement

Explanation : 400 A Panel With Main Breaker Rated At 400a

Transformers

Dry Type	100%			2043	**	5	\$100	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Outside Next To Generator

Explanation : 112.5 Kva Transformer

Raceway

Conduit	33%			2052	**	1		
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Conduit	67%			2036	**	1		
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Panelboards

Molded Case Bkrs	100%			2042	**	5	\$600	
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Wiring

Thermoplastic	33%			2052	**	1		
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Thermoplastic	67%			2036	**	1		
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Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$300	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Basement

Explanation : Ground Connected To Main Water Supply Line

Stand-by Power

Transfer Switches

Automatic	100%			2039	**	1	\$6,900	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Building Exterior

Explanation : 400 Amp

Note : 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. # 405 EMS ACADEMY - CFR TRAINING
Asset # : 13772

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Generators								
Diesel	100%			2035	**	1	\$8,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Exterior</i>								
<i>Explanation : 80 Kw Cummins Generator</i>								
<hr/>								
Batteries								
Lead/Acid	100%			2020	\$1,600	5	\$800	
<hr/>								
Fuel Storage								
Main Tank	100%			2054	**	5	\$700	
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	90%			2026	\$48,100	10	\$18,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T8 And T12 Lamps</i>								
<hr/>								
Incandescent	10%			2031	**	2	\$100	
<hr/>								
Egress Lighting								
Emergency, Service	50%			2026	\$6,000	1		
Exit, Service	50%			2026	\$3,300	1		
<hr/>								
Exterior Lighting								
HID	10%			2021	\$9,200	10		
HID	50%			2031	**	10		
No Component	40%							
<hr/>								
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	**	1	\$2,500	
<hr/>								
Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2046	**	5	\$6,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2,000 Gallon Double Wall Monitored Tank</i>								
<hr/>								
Conversion Equipment								
Steam Boiler	100%			2039	**	1	\$22,200	
<hr/>								
Distribution								
Steam Piping/Pump	100%			2036	**	4	\$1,100	
<hr/>								
Terminal Devices								
Convactor/Radiator	100%			2031	**	1	\$7,200	
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		
<hr/>								

Note : 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. # 405 EMS ACADEMY - CFR TRAINING
Asset # : 13772

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	5%			2031	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Room 200</i>								
<i>Explanation : Refrigerant 410a</i>								
Window/Wall Unit	95%			2021	\$47,700	1		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	**	1		
Water Heater								
Oil Fired	100%			2024	\$7,600	1	\$700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 - 70 Gallon Unit</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Rigid Piping	100%			2026	\$12,100	4	\$2,500	
Backflow Preventer								
No Component	95%							
Generic	5%			2034	**	1	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Serves Boiler Only</i>								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2046	**	1-2	\$1,300	

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$37,300	
Interior Architecture	\$142,200	
Electrical	\$5,400	
Total	\$185,000	
Importance Code A	\$37,300	
Importance Code B	\$94,500	
Importance Code C	\$53,200	
Total	\$185,000	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$47,400			
Interior Architecture	\$28,200	\$2,700		
Electrical	\$30,600			\$17,300
Mechanical	\$1,700	\$1,300	\$1,500	\$7,000
Total	\$107,900	\$3,900	\$1,500	\$24,400
Importance Code A	\$48,300	\$900	\$900	\$1,000
Importance Code B	\$58,800	\$3,000	\$600	\$23,400
Importance Code C	\$800			
Total	\$107,900	\$3,900	\$1,500	\$24,400



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 415 FLSTP - DINING HALL
Asset # : 13777

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	40%	Now	\$10,700	LIFE	**	5	\$6,500	
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : A Side Front Entrance</i>								
Masonry: Brick	30%			LIFE	**	5	\$4,900	
Masonry: Granite	20%			LIFE	**	5	\$2,400	
Wood	10%	Now	\$37,300	2039	**	5	\$4,100	
<i>Paint Peeling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Replacement Deteriorated, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Porch Floors (Ply-wood Replacement Deteriorating)</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Rotted Wood On Porch Floors And Frieze Boards Above Porches.</i>								
Windows								
Wood	100%	Now	\$18,300	2051	**	5	\$2,200	
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 100%</i>								
<i>Location : All</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : All</i>								
Roof								
Roll Roofing	30%	2-4	\$3,200	2028	**	5	\$2,900	
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Porch Roofs</i>								
Slate	70%	Now	\$15,200	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Attic Spaces Below Roof, Chimney</i>								
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : All.</i>								
<i>Explanation : All Roof Flashing Rusted And Or Lifting.</i>								
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.

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 415 FLSTP - DINING HALL
Asset # : 13777

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	36%	Now	\$2,900	LIFE	**	5	\$11,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout Basement.</i>								
Ceramic Tile	2%	Now	\$1,200	2035	**	5	\$100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Broken / Missing Tiles Throughout</i>								
Vinyl Tile	2%	Now	\$2,700	2036	**	3	\$100	
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Kitchen And Storage Area On A Side</i>								
<i>Explanation : Vinyl Floor Has Gaps Missing Pieces And Delamination.</i>								
Wood	40%	0-2	\$20,600	2054	**	5	\$5,400	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Wood	20%			2054	**	5	\$5,400	
Interior Walls								
Ceramic Tile	2%	Now	\$800	2035	**	5	\$100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 4%</i>								
<i>Location : Bathrooms</i>								
Gypsum Board	2%			LIFE	**	5	\$200	
Masonry: Brick	5%			LIFE	**			
Metal Panel	2%			LIFE	**			
Granite Panels	15%			LIFE	**			
Plaster	74%	Now	\$53,200	LIFE	**	5	\$3,000	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : A Side, Throughout</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout, Mostly A Storage Side</i>								
Ceilings								
Embossed Metal	15%			LIFE	**	5	\$1,000	
Plaster	85%	Now	\$89,100	LIFE	**	5	\$7,800	
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2-100 Amp Service Switches</i>								
Raceway								
Conduit	100%			2036	**	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.

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 415 FLSTP - DINING HALL
Asset # : 13777

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2042	**	5	\$300	
Wiring								
Braided Cloth	70%	0-2	\$6,200	2051	**	1		
<i>Insulation Aged, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	30%			2036	**	1		
Ground								
Grounding Devices								
Generic	50%			LIFE	**	5	\$100	
Generic	50%	Now	\$2,600	LIFE	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement Building 415a</i>								
<i>Explanation : Ground Wire Not Connected To Clamp On Water Pipe.</i>								
Lighting								
Interior Lighting								
Fluorescent	10%			2026	\$2,300	10	\$900	
Incandescent	10%			2021	\$5,400	2		
Incandescent	80%	Now	\$21,800	2031	**	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Damaged Fixtures And Missing At Some Locations.</i>								
Exterior Lighting								
HID	50%			2031	**	10		
Incandescent	50%			2021	\$17,300	2		

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	**	5	\$3,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 275 Gallon Tanks</i>								
Conversion Equipment								
Steam Boiler	100%			2039	**	1	\$9,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Mechanical Room</i>								
<i>Explanation : (2) Oil Fired Steam Boiler.</i>								
Distribution								
Steam Piping/Pump	100%			2036	**	4	\$500	
Terminal Devices								
Convactor/Radiator	100%			2031	**	1	\$3,100	

Air Conditioning

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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 415 FLSTP - DINING HALL
Asset # : 13777

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2021	\$4,300	1		
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
HW Heat Exchanger								
Low Temp	100%			2046	* *	4	\$1,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Domestic Coils, 40 Gallon Storage B Side</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG.# 134 A AND B 1B MEDICAL BOARD
Address : 134 SGT. BEERS AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.134 / 13741 **Yr Built/Renovated** : 1938 /
Area Sq Ft : 4,339 **Project Type** : FIRE DEPARTMENT
Date of Survey : 10-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 5917 **Lot** : 1 **BIN** :

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

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$36,900			
Interior Architecture	\$5,400	\$100		\$4,700
Electrical	\$6,200			\$3,900
Mechanical	\$600	\$300	\$300	\$9,300
Total	\$49,100	\$400	\$300	\$18,000
Importance Code A	\$37,000	\$200	\$200	\$200
Importance Code B	\$6,800	\$100	\$100	\$17,700
Importance Code C	\$5,200	\$100		
Total	\$49,100	\$400	\$300	\$18,000



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 134 A AND B 1B MEDICAL BOARD
Asset # : 13741

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	\$14,400	LIFE	**	5	\$3,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Exterior Stairs And Railing</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Exterior Stairs</i>								
Cement-Fiber Panel	5%	Now	\$1,200	2031	**			
<i>Worn/Eroded, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	55%	Now	\$42,500	LIFE	**	5	\$4,300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout.</i>								
Masonry: Brick	15%			LIFE	**	5	\$1,200	
Pre-Cast Concrete	5%			LIFE	**	5	\$1,300	
Wood	10%	Now	\$17,900	2039	**	5	\$2,000	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Eaves, Soffits, Gables</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%			2048	**	5	\$2,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Asphalt Shingle	85%			2035	**	10	\$1,400	
Copper/Terne	15%	Now	\$2,200	2054	**			
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Roof Surface</i>								
<i>Explanation : Flashing Misaligned And Deteriorated.</i>								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$1,200	
Ceramic Tile	5%	4+	\$100	2039	**	5	\$100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : 2nd Floor Bathroom.</i>								
<i>Recent Installation, Extent : Light, Area Affected : 50%</i>								
<i>Location : 1st Floor Bathrooms</i>								
Vinyl Tile	5%			2036	**	3	\$100	
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	80%			2066	**	5	\$8,500	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 134 A AND B 1B MEDICAL BOARD
Asset # : 13741

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2039	**	5	\$300	
<i>Recent Construction, Extent : Light, Area Affected : 65%</i>								
<i>Location : 1st Floor Bathrooms</i>								
Gypsum Board	40%			LIFE	**	5	\$1,400	
Masonry: Brick	10%	Now	\$4,800	LIFE	**			
<i>Paint Peeling, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Basement</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement</i>								
Plaster	45%	4+	\$400	LIFE	**	5	\$800	
<i>Paint Peeling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Basement Stairwell</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
Ceilings								
AcousTileSusp.Lay-In	15%			2046	**	5	\$800	
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor Bathroom</i>								
Plaster	85%			LIFE	**	5	\$3,000	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2046	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Buildings A And B</i>								
<i>Explanation : Two (2) Fused Disconnect Service Switches</i>								
Molded Case Bkrs	50%			2046	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Buildings A And B</i>								
<i>Explanation : Two (2) Electrical Panels</i>								
Raceway								
Conduit	75%			2026	\$3,100	1		
Conduit	25%			2046	**	1		
Wiring								
Braided Cloth	70%	0-2	\$6,200	2051	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Old Brittle Insulation Falling Off.</i>								
Thermoplastic	30%			2036	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	

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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.# 134 A AND B 1B MEDICAL BOARD
Asset # : 13741

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	99%			2031	* *	10	\$3,400	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Incandescent	1%			2021	\$200	2		
Egress Lighting Exit, Battery	100%			2031	* *	10	\$300	
Exterior Lighting HID	75%			2026	\$13,400	10		
No Component	25%							

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Fuel Oil No 2	100%			2036	* *	5	\$1,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : A Side - 1 275 Gallon Tank B Side - 2 275 Gallon Tanks</i>								
Conversion Equipment Hot Water Boiler	100%			2039	* *	1	\$1,900	
Distribution Hot Wtr Piping/Pump	100%			2034	* *	4	\$300	
Terminal Devices Convactor/Radiator	100%			2031	* *	1	\$1,200	
Air Conditioning								
Energy Source Electricity	100%			2042	* *	1		
Conversion Equipment Window/Wall Unit	100%			2021	\$8,500	1		
Plumbing								
H/C Water Piping Brass/Copper	100%			2046	* *	1		
<i>No Water Meter, Extent : Light, Area Affected : 100%</i>								
<i>Location : A Side</i>								
HW Heat Exchanger Low Temp	100%			2046	* *	4	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : A Side - Domestic Coil / No Storage; B Side - Domestic Coil With 40 Gallons</i>								
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		

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

Maintenance \$ are aggregated over a 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.# 134 A AND B 1B MEDICAL BOARD
Asset # : 13741

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Plumbing									
	Fixtures								
	Generic	100%							

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG.# 316 A AND B COMMUNICATIONS
Address : 316 SGT. BEERS AVENUE
Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIR0020.316 / 13759 Yr Built/Renovated : 1933 /
Area Sq Ft : 4,287 Project Type : FIRE DEPARTMENT
Date of Survey : 10-Jun-2015 Landmark Status : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 5917 Lot : 1 BIN :

CAPITAL

Total
 Importance Code
Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$16,800	\$2,800		
Interior Architecture	\$8,900	\$100	\$200	\$3,400
Electrical	\$11,700	\$100		\$17,000
Mechanical	\$1,400	\$300	\$300	\$9,900
Total	\$38,800	\$3,200	\$500	\$30,300
Importance Code A	\$18,600	\$3,000	\$200	\$200
Importance Code B	\$11,300	\$300	\$300	\$30,100
Importance Code C	\$8,900			
Total	\$38,800	\$3,200	\$500	\$30,300



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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 316 A AND B COMMUNICATIONS
Asset # : 13759

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cement-Fiber Panel	10%	Now	\$600	2031		**		
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Paint Peeling</i>							
Masonry: Brick	65%			LIFE		**	\$10,200	
Wood	18%	Now	\$16,200	2039		**	\$7,100	
	<i>Deteriorated Finish, Extent : Severe, Area Affected : 70%</i>							
	<i>Location : Throughout Exterior.</i>							
	<i>Paint Peeling, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Roof Soffits, Gutters, Frieze</i>							
Wood	7%			2039		**	\$5,500	
Windows								
Aluminum	100%			2042		**	\$2,700	
Roof								
Asphalt Shingle	95%			2035		**	\$1,300	
Copper/Terne	5%			2054		**	\$1,100	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE		**	\$3,300	
Ceramic Tile	5%			2035		**	\$300	
Vinyl Tile	8%			2031		**	\$200	
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Vinyl Tile 9" X 9"	2%			2026	\$1,400	3		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Rear Entry Foyer</i>							
	<i>Explanation : 9 X 9 Tiles</i>							
Wood	60%			2061		**	\$6,800	
	<i>Recent Replace Evident, Extent : Light, Area Affected : 90%</i>							
	<i>Location : Throughout</i>							
Interior Walls								
Ceramic Tile	5%	Now	\$2,300	2029		**	\$200	
	<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Bathrooms.</i>							
Masonry: Brick	10%	Now	\$6,600	LIFE		**		
	<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Basement</i>							
Plaster	85%			LIFE		**	\$2,000	
	<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							

Note : 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.# 316 A AND B COMMUNICATIONS
Asset # : 13759

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Plaster	100%			LIFE	**	5	\$3,800	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Electrical		Current Repair		Future Replacement		Maintenance		Priority
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%	Now	\$1,600	2056	**	5	\$100	
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : Recently Replaced Service Panel In Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building 316b Basement</i>								
<i>Explanation : 1-100 Amp Service Switch.</i>								
<hr/>								
Raceway								
Conduit	100%			2026	\$4,100	1		
<hr/>								
Panelboards								
Molded Case Bkrs	100%			2034	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout House</i>								
<i>Explanation : There Are No Other Electrical Panels Except The Service Panels Noted Above.</i>								
<hr/>								
Wiring								
Braided Cloth	90%	2-4	\$8,000	2051	**	1		
<i>Insulation Damaged, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<hr/>								
Thermoplastic	10%			2026	\$900	1		
<hr/>								
Ground								
Grounding Devices								
Generic	100%	0-2	\$2,100	LIFE	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Ground Connection Corroded</i>								
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	50%			2031	**	10	\$1,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Recently Replaced Incandescent Lighting With T-8 Fluorescent Lights</i>								
<hr/>								
Incandescent	50%			2021	\$11,400	2		

Note : 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.# 316 A AND B COMMUNICATIONS
Asset # : 13759

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

Lighting

Exterior Lighting								
Incandescent	25%			2021	\$3,700	2		
No Component	75%							

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

Heating

Energy Source								
Fuel Oil No 2	100%			2036	**	5	\$1,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : B Side 2 - 275 Gallon Tanks</i>						

Conversion Equipment								
Hot Water Boiler	100%			2039	**	1	\$2,000	
Distribution								
Hot Wtr Piping/Pump	100%			2034	**	4	\$300	
Terminal Devices								
Convactor/Radiator	100%			2031	**	1	\$1,300	

Air Conditioning

Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Window/Wall Unit	100%			2021	\$9,000	1		

Plumbing

H/C Water Piping								
Brass/Copper	100%			2046	**	1		
HW Heat Exchanger								
Low Temp	100%			2046	**	4	\$600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : A And B Basement</i>						
		<i>Explanation : Domestic Coil With No Storage</i>						

Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Rigid Piping	100%			2026	\$12,100	4	\$2,500	
Fixtures								
Generic	100%							

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG.# 400 A AND 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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$175,200	
Total	\$175,200	
Importance Code A	\$175,200	
Total	\$175,200	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture				
Interior Architecture	\$23,700			\$8,800
Electrical	\$8,400	\$1,000	\$1,000	\$18,600
Mechanical	\$3,600	\$1,300	\$1,600	\$14,400
Total	\$35,600	\$2,300	\$2,600	\$41,800
Importance Code A	\$1,000	\$1,000	\$1,000	\$1,000
Importance Code B	\$27,800	\$1,300	\$1,500	\$40,700
Importance Code C	\$6,800			
Total	\$35,600	\$2,300	\$2,600	\$41,800



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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 400 A AND B FIRE PREVENTION DISTRICT OFFICE
Asset # : 13771

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	**	5	\$28,100	
Granite Panels	10%			LIFE	**	5	\$3,000	
Wood	20%	Now	\$91,800	2039	**	5	\$20,100	
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Entry Porches</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Roof Eaves/ Cornice</i>								
Windows								
Wood	100%	Now	\$83,300	2042	**	5	\$34,000	
<i>Air Infiltration, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Asphalt Shingle	100%			2035	**	10	\$3,600	
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	**	5	\$10,000	
Ceramic Tile	2%	Now	\$100	2035	**	5	\$200	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Throughout.</i>								
Vinyl Tile	8%	Now	\$2,300	2031	**	3	\$500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Kitchen And Various Offices</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Wood	60%			2041	**	5	\$17,200	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Attic/ 3rd Floor</i>								

Note : 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.# 400 A AND B FIRE PREVENTION DISTRICT OFFICE
Asset # : 13771

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	3%	Now	\$400	2035	**	5	\$300	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Bathrooms</i>								
Masonry: Brick	10%			LIFE	**			
Granite Panels	10%			LIFE	**			
Plaster	75%	Now	\$6,500	LIFE	**	5	\$4,400	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Basement Gymnasium Room</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Basement Gymnasium Room</i>								
Wood	2%			LIFE	**	5	\$1,600	
Ceilings								
Embossed Metal	34%			LIFE	**	5	\$2,300	
<i>Paint Peeling, Extent : Light, Area Affected : 5%</i>								
<i>Location : 1st Floor</i>								
Plaster	66%	Now	\$14,500	LIFE	**	5	\$6,300	
<i>Paint Peeling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Rooms 20 And 21, Stairway Ceiling</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 2nd Floor Rooms 20 And 21</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Areas A And B</i>								
<i>Explanation : (2) 100 Amp Service Switches</i>								
Raceway								
Conduit	75%			2026	\$3,100	1		
Conduit	25%			2046	**	1		
Panelboards								
Molded Case Bkrs	100%			2042	**	5	\$300	
Wiring								
Braided Cloth	40%	2-4	\$3,600	2051	**	1		
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
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.

Maintenance \$ are aggregated over a 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.# 400 A AND B FIRE PREVENTION DISTRICT OFFICE
Asset # : 13771

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices Generic	100%			LIFE	**	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement Section A</i>								
<i>Explanation : Ground Wire Connected To Line Side Of Water Meter, No Wire Jumper To Load Side Of Meter.</i>								
Stand-by Power								
Transfer Switches Automatic	100%			2043	**	1	\$3,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Exterior Behind Primary Transformer</i>								
<i>Explanation : Serves Buildings #400, #401 And #402.</i>								
Generators Diesel	100%			2039	**	1	\$4,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Exterior</i>								
<i>Explanation : 125 Kw Generator Serves Buildings #400, #401 And #402</i>								
Fuel Storage Main Tank	100%			2061	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Exterior</i>								
<i>Explanation : Belly Tank Located Below Generator</i>								
Lighting								
Interior Lighting Fluorescent	70%			2026	\$17,100	10	\$6,600	
Incandescent	30%			2021	\$17,500	2	\$100	
Exterior Lighting Incandescent	100%	0-2	\$3,800	2031	**	2		
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Porch Location</i>								
Alarm								
Security System No Component	50%							
Generic	50%			2026	\$18,000	1	\$2,000	

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
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%			2036	**	5	\$3,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 275 Gallon Tanks Each Side</i>								

Note : 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.# 400 A AND B FIRE PREVENTION DISTRICT OFFICE
Asset # : 13771

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment Steam Boiler	100%			2039	* *	1	\$10,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 - Boiler Each Side</i>								
Distribution Steam Piping/Pump	100%			2036	* *	4	\$500	
Terminal Devices Convactor/Radiator	100%	Now	\$2,100	2031	* *	1	\$3,000	
<i>Leak Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : 1st Floor Front</i>								
Air Conditioning								
Energy Source Electricity	100%			2042	* *	1		
Conversion Equipment Window/Wall Unit	50%			2021		1	\$11,500	
No Component	50%							
Plumbing								
H/C Water Piping Brass/Copper	100%			2036	* *	1		
<i>No Water Meter, Extent : Light, Area Affected : 100%</i>								
<i>Location : A Side</i>								
HW Heat Exchanger Low Temp	100%			2046	* *	4	\$1,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Domestic Coil With 40 Gallon Storage Each Side</i>								
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Fixtures Generic	100%							

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG.# 401 A AND B FIRE/LIFE SAFETY EDUCATION BLDG.
Address : 401 MURRAY AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.401 / 13769 **Yr Built/Renovated** : 1906 / 2004
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$53,800
Interior Architecture		\$38,200
Mechanical		\$155,600
Total		\$247,600
Importance Code A		\$117,700
Importance Code B		\$129,900
Total		\$247,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$37,000			
Interior Architecture	\$44,700	\$20,100	\$3,500	\$400
Electrical	\$5,900	\$800	\$800	\$18,200
Mechanical	\$1,900	\$3,600	\$1,600	\$27,800
Total	\$89,500	\$24,600	\$6,000	\$46,300
Importance Code A	\$38,200	\$1,200	\$1,200	\$1,200
Importance Code B	\$47,500	\$23,400	\$4,300	\$45,100
Importance Code C	\$3,700		\$500	
Total	\$89,500	\$24,600	\$6,000	\$46,300



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 401 A AND B FIRE/LIFE SAFETY EDUCATION BLDG.
Asset # : 13769

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	**	5	\$53,800	
Granite Panels	25%			LIFE	**	5	\$14,400	
Wood	5%	0-2	\$11,000	2039	**	5	\$9,600	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout Columns And Rails</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 30%</i>								
<i>Location : Porch Floor And Steps</i>								
<hr/>								
Windows								
Aluminum	100%			2048	**	5	\$11,600	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Roof								
Asphalt Shingle	100%	Now	\$20,200	2035	**			
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Roof</i>								
<hr/>								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$13,400	
Ceramic Tile	10%			2035	**	5	\$6,100	
Vinyl Tile	5%	Now	\$600	2031	**	3	\$1,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Throughout.</i>								
Wood	40%	Now	\$17,600	2054	**	5	\$22,900	
<i>Deteriorated Finish, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Wood	35%			2054	**	5	\$40,100	
<hr/>								
Interior Walls								
Ceramic Tile	2%			2035	**	5	\$1,000	
Gypsum Board	25%			LIFE	**	5	\$7,100	
<i>Repairs in Progress, Extent : Light, Area Affected : 2%</i>								
<i>Location : Stairwell Wall Between 1st And 2nd Floors</i>								
Granite Panels	28%			LIFE	**			
Plaster	45%	2-4	\$3,700	LIFE	**	5	\$6,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout.</i>								
<hr/>								
Ceilings								
Plaster	52%	Now	\$22,800	LIFE	**	5	\$19,900	
<i>Paint Peeling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 3rd Floor Ceiling Over Training Area</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : 3rd Floor Ceiling Over Training Area</i>								
Plaster	48%			LIFE	**	5	\$18,300	

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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 401 A AND B FIRE/LIFE SAFETY EDUCATION BLDG.
Asset # : 13769

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5	\$100	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement Service Rooms, Sections A And B</i>							
	<i>Explanation : 2-100 Amp Service Switches</i>							
Raceway								
Conduit	75%			2026	\$3,100	1		
Conduit	25%			2046	**	1		
Panelboards								
Molded Case Bkrs	100%			2042	**	5	\$300	
Wiring								
Thermoplastic	75%			2026	\$6,700	1		
Thermoplastic	25%			2046	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Basement Section A</i>							
	<i>Explanation : Common Ground Wire Connected To Water Main And Ground Rod</i>							
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	**	1	\$3,700	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Building Exterior Behind Primary Transformer</i>							
	<i>Explanation : Serves Buildings #400, #401 And #402.</i>							
Generators								
Diesel	100%			2041	**	1	\$4,700	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Building Exterior</i>							
	<i>Explanation : Serves Buildings #400, #401 And #402.</i>							
Fuel Storage								
Main Tank	100%			2066	**	5	\$400	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location :</i>							
	<i>Explanation : Belly Tank Located Below Generator</i>							
Lighting								
Interior Lighting								
Fluorescent	75%			2026	\$21,600	10	\$8,300	
Incandescent	25%			2021	\$17,100	2	\$100	
Exterior Lighting								
HID	80%			2034	**	10		
Incandescent	20%	0-2	\$5,100	2031	**	2		
	<i>Obsolete Fixtures, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Exterior Building Porches</i>							

Note : 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.# 401 A AND B FIRE/LIFE SAFETY EDUCATION BLDG.
Asset # : 13769

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
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%			2036	* *	5	\$3,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 275 Gallon Tanks Each Side</i>								
<hr/>								
Conversion Equipment								
Steam Boiler	100%			2024	\$63,900	1	\$11,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 - Unit Each Side</i>								
<hr/>								
Distribution								
Steam Piping/Pump	100%			2026	\$91,700	4	\$900	
<hr/>								
Terminal Devices								
Convactor/Radiator	100%			2031	* *	1	\$3,900	
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
<hr/>								
Conversion Equipment								
Window/Wall Unit	90%			2021	\$24,300	1		
No Component	10%							
<hr/>								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
<hr/>								
Water Heater								
Oil Fired	50%			2019	\$2,000	1	\$200	
Under Construction	50%							
<hr/>								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
<hr/>								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
<hr/>								
Fixtures								
Generic	100%							
<hr/>								

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG.# 402 A AND 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 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$2,500			
Interior Architecture	\$2,500	\$10,600	\$700	
Electrical	\$800	\$800	\$800	\$20,300
Mechanical	\$2,600	\$1,500	\$1,800	\$28,500
Total	\$8,400	\$12,900	\$3,300	\$48,800
Importance Code A	\$3,600	\$1,100	\$1,100	\$1,100
Importance Code B	\$4,200	\$11,200	\$2,200	\$47,700
Importance Code C	\$600	\$500		
Total	\$8,400	\$12,900	\$3,300	\$48,800



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 402 A AND B FIRE MARSHALS
Asset # : 13770

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	**	5	\$30,900	
Granite Panels	25%			LIFE	**	5	\$8,300	
Wood	5%	Now	\$2,500	2039	**	5	\$5,500	
<i>Paint Peeling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Entry Porches</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 15%</i>								
<i>Location : Entry Porches</i>								
<hr/>								
Windows								
Aluminum	100%			2042	**	5	\$7,500	
<hr/>								
Roof								
Asphalt Shingle	100%			2035	**	10	\$4,000	
<hr/>								
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	**	5	\$11,100	
Ceramic Tile	8%			2035	**	5	\$1,300	
Vinyl Tile	2%			2031	**	3	\$100	
Wood	60%			2054	**	5	\$19,000	
<hr/>								
Interior Walls								
Cast in Place Concrete	10%			LIFE	**			
Ceramic Tile	5%			2039	**	5	\$1,100	
Gypsum Board	25%			LIFE	**	5	\$3,200	
Masonry: Brick	18%			LIFE	**			
Granite Panels	25%			LIFE	**			
Plaster	15%	Now	\$600	LIFE	**	5	\$1,000	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : 3rd Floor Chimney Chase Walls</i>								
Wood	2%			LIFE	**	5	\$1,700	
<hr/>								
Ceilings								
AcousTileSusp.Lay-In	6%			2039	**	5	\$1,000	
Embossed Metal	25%			LIFE	**	5	\$1,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Embossed Metal Ceiling, Painted</i>								
Gypsum Board	29%			LIFE	**	5	\$6,100	
Plaster	40%	Now	\$1,900	LIFE	**	5	\$4,200	
<i>Water Penetration, Extent : Light, Area Affected : 2%</i>								
<i>Location : Water Damage In 1st Floor Office And Third Floor By Chimney Chase Walls</i>								

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

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
FORT TOTTEN - BLDG.# 402 A AND B FIRE MARSHALS
Asset # : 13770

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5	\$100	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement Service Room.</i>							
	<i>Explanation : 2-100 Amp Service Switches</i>							
Raceway								
Conduit	65%			2036	**	1		
Conduit	35%			2046	**	1		
Panelboards								
Molded Case Bkrs	100%			2042	**	5	\$300	
Wiring								
Thermoplastic	65%			2036	**	1		
Thermoplastic	35%			2046	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	**	1	\$3,700	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Building Exterior Being Primary Transformer</i>							
	<i>Explanation : Serves Buildings #400, #401 And #402.</i>							
Generators								
Diesel	100%			2041	**	1	\$4,700	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Building Exterior</i>							
	<i>Explanation : 125 Kw Generator Serves Buildings #400, #401 And #402.</i>							
Fuel Storage								
Main Tank	100%			2066	**	5	\$300	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Building Exterior</i>							
	<i>Explanation : Belly Tank Located Below Generator</i>							
Lighting								
Interior Lighting								
Fluorescent	99%			2031	**	10	\$10,200	
	<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Incandescent	1%			2021		2	\$600	
Egress Lighting								
Emergency, Service	50%			2026		1	\$3,000	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : Recently Installed Egress Fixtures.</i>							
Exit, Service	50%			2026		1	\$1,700	
Exterior Lighting								
HID	80%			2031	**	10		
Incandescent	20%			2021		2	\$8,400	

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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 402 A AND B FIRE MARSHALS
Asset # : 13770

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Fuel Oil No 2	100%			2036	**	5	\$3,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 275 Gallon Tanks Each Side</i>								
Conversion Equipment Steam Boiler	100%			2039	**	1	\$11,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 - Boiler On Each Side</i>								
Distribution Steam Piping/Pump	100%			2036	**	4	\$600	
Terminal Devices Convactor/Radiator	100%			2031	**	1	\$3,600	
Air Conditioning								
Energy Source Electricity	100%			2042	**	1		
Conversion Equipment Window/Wall Unit	100%			2021		1	\$25,200	
Plumbing								
H/C Water Piping Brass/Copper	100%			2036	**	1		
HW Heat Exchanger Low Temp	100%			2046	**	4	\$1,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Domestic Coil In Boiler With 40 Gallon Storage Tank On Each Side</i>								
Sanitary Piping Cast Iron	100%	Now	\$500	LIFE	**	1		
<i>Leak Evident, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bathrooms</i>								
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
Fixtures Generic	100%							

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$37,800
Interior Architecture	\$57,800	
Total	\$57,800	\$37,800
Importance Code A		\$37,800
Importance Code B	\$57,800	
Total	\$57,800	\$37,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$35,600			
Interior Architecture	\$34,800	\$700		
Electrical	\$5,900	\$1,500	\$1,100	\$16,000
Mechanical	\$1,700	\$1,700	\$2,600	\$32,500
Total	\$77,900	\$3,800	\$3,800	\$48,500
Importance Code A	\$36,900	\$1,300	\$1,300	\$1,400
Importance Code B	\$37,100	\$2,500	\$2,500	\$47,100
Importance Code C	\$4,000			
Total	\$77,900	\$3,800	\$3,800	\$48,500



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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.
Asset # : 13774

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	**	5	\$37,800	
Masonry: Granite	10%			LIFE	**	5	\$3,800	
Wood	15%	Now	\$8,600	2031	**	5	\$18,900	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Wood Screen At Rear Porch 409b</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Porches And Eave Located At Rear Facade</i>								
<hr/>								
Windows								
Aluminum	100%			2048	**	5	\$8,500	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Roof								
Roll Roofing	10%			2022	\$12,300	5	\$4,500	
Slate	90%	Now	\$22,700	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Main Roof</i>								
<hr/>								
Interior								
Floors								
Carpet	2%			2022	\$5,400	3	\$600	
Cast in Place Concrete	5%			LIFE	**	5	\$2,100	
Mosaic Tile	2%			2039	**	5	\$1,000	
Vinyl Tile	2%			2026	\$3,600	3	\$100	
Wood	89%	Now	\$30,800	2041	**	5	\$16,000	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : First Floor</i>								
<hr/>								
Interior Walls								
Ceramic Tile	2%	Now	\$300	2035	**	5	\$200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor Bathroom</i>								
Concrete Masonry Unit	2%			LIFE	**	5	\$200	
Masonry: Brick	10%			LIFE	**			
Plaster	86%	Now	\$3,700	LIFE	**	5	\$6,400	
<i>Horizontal Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 1%</i>								
<i>Location : 2nd Floor Office</i>								
<hr/>								
Ceilings								
Embossed Metal	30%			LIFE	**	5	\$2,600	
<i>Paint Peeling, Extent : Light, Area Affected : 5%</i>								
<i>Location : 1st Floor Offices</i>								
Plaster	70%	Now	\$57,800	LIFE	**	5	\$8,400	
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd And 3rd Floor, Various Spaces</i>								

Note : 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.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.
Asset # : 13774

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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	50%			2046	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 409a And 409b Basement</i>								
<i>Explanation : Two (2) 100a Fused Disconnect Switch</i>								
Molded Case Bkrs	50%			2046	**	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 409a And 409b Basement</i>								
<i>Explanation : Two (2) Service Panels, 225a Rating</i>								
Raceway								
Conduit	20%			2052	**	1		
Conduit	80%			2036	**	1		
Panelboards								
Molded Case Bkrs	100%			2034	**	5	\$400	
Wiring								
Thermoplastic	20%			2052	**	1		
Thermoplastic	80%			2036	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 409a And 409b Basement</i>								
<i>Explanation : Ground Attached To Main Water Line</i>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	**	1	\$4,200	
Generators								
Diesel	100%			2035	**	1	\$5,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Exterior</i>								
<i>Explanation : 125 Kw Generator Serves Buildings #409 And #411</i>								
Fuel Storage								
Main Tank	100%			2054	**	5	\$400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Exterior Under Generator</i>								
<i>Explanation : 250 Gallon Belly Tank</i>								
Lighting								
Interior Lighting								
Fluorescent	95%			2031	**	10	\$11,200	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Incandescent	5%			2021		2	\$3,700	
Exterior Lighting								
Incandescent	50%	0-2	\$4,800	2031	**	2		
<i>Obsolete Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Exterior Porches</i>								
No Component	50%							

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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.
Asset # : 13774

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

Alarm

Security System								
No Component	75%							
Generic	25%			2026	\$11,300	1	\$1,300	

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

Heating

Energy Source								
Fuel Oil No 2	100%			2036	**	5	\$4,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 275 Gallon Tanks For Both A And B Side</i>								

Conversion Equipment								
Steam Boiler	100%			2039	**	1	\$12,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : A And B Sides Have Separate Boilers</i>								

Distribution								
Steam Piping/Pump	100%			2036	**	4	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : A And B Sides Have Independent Systems</i>								

Terminal Devices								
Convactor/Radiator	100%			2031	**	1	\$4,200	

Air Conditioning

Energy Source								
Electricity	100%			2034	**	1		

Conversion Equipment								
Window/Wall Unit	100%			2021	\$28,800	1		

Plumbing

H/C Water Piping								
Brass/Copper	100%			2046	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : A And B Sides Have Separate Systems Including Service</i>								

HW Heat Exchanger								
Low Temp	100%			2052	**	4	\$1,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Domestic Coil In Steam Boiler / A Has 40 Gallon Storage Tank</i>								

Sanitary Piping								
Cast Iron	100%			LIFE	**	1		

Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		

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

Maintenance \$ are aggregated over a 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 AND B EMS ADMIN, RESEARCH AND DEVELOP.
Asset # : 13774

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Plumbing									
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2031		* *	1	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
		<i>Location : Basement</i>							
		<i>Explanation : Serves Boiler Only</i>							
<hr/>									
	Fixtures								
	Generic	100%							
<hr/>									

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG.# 411 A AND 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 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$45,300
Interior Architecture	\$44,000	
Total	\$44,000	\$45,300
Importance Code A		\$45,300
Importance Code B	\$44,000	
Total	\$44,000	\$45,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$13,800			
Interior Architecture	\$33,100	\$500		\$100
Electrical	\$8,200	\$1,100	\$2,900	\$1,100
Mechanical	\$1,700	\$1,700	\$2,600	\$3,700
Total	\$56,800	\$3,300	\$5,500	\$4,900
Importance Code A	\$15,100	\$1,300	\$1,300	\$1,400
Importance Code B	\$20,600	\$2,000	\$4,200	\$3,500
Importance Code C	\$21,000			
Total	\$56,800	\$3,300	\$5,500	\$4,900



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 411 A AND B TERRORISM CENTER
Asset # : 13775

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	**	5	\$45,300	
Masonry: Granite	10%			LIFE	**	5	\$3,800	
<hr/>								
Windows								
Aluminum	100%			2048	**	5	\$8,500	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Roof								
Roll Roofing	5%			2022	\$6,100	5	\$2,300	
Slate	95%	Now	\$9,600	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Main Roof</i>								
<hr/>								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	**	5	\$2,900	
Mosaic Tile	2%			2039	**	5	\$1,000	
Vinyl Tile	5%	4+	\$200	2031	**	3	\$400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : 1st Floor Corridor</i>								
<hr/>								
Wood	86%	2-4	\$11,900	2041	**	5	\$15,500	
<i>Dry Rot/Decay, Extent : Light, Area Affected : 2%</i>								
<i>Location : Basement Stair Has Termite Damage</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 3rd Floor</i>								
<hr/>								
Interior Walls								
Ceramic Tile	2%	Now	\$300	2035	**	5	\$200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Second Floor Bathroom</i>								
<hr/>								
Masonry: Brick	2%			LIFE	**			
Plaster	96%	Now	\$20,700	LIFE	**	5	\$7,100	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 15%</i>								
<i>Location : Basement Washroom, 3rd Floor Bathroom</i>								
<hr/>								
Ceilings								
Embossed Metal	20%			LIFE	**	5	\$1,700	
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>								
<i>Location : 1st Floor, Throughout</i>								
<hr/>								
Plaster	80%	Now	\$44,000	LIFE	**	5	\$9,600	
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement And Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 15%</i>								
<i>Location : 2nd Floor Bathroom, 3rd Floor Office By Chimney Chase</i>								

Note : 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.# 411 A AND B TERRORISM CENTER
Asset # : 13775

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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	50%			2046	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Two (2) 100 Amp Fused Disconnect Switches</i>								
Molded Case Bkrs	50%			2046	**	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Two (2) 225 Amp Electrical Panels Serving Areas A And B</i>								
Raceway								
Conduit	20%			2052	**	1		
Conduit	80%			2036	**	1		
Panelboards								
Molded Case Bkrs	100%			2042	**	5	\$400	
Wiring								
Thermoplastic	20%			2052	**	1		
Thermoplastic	80%			2036	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	**	1	\$4,200	
Generators								
Diesel	100%			2035	**	1	\$5,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Exterior</i>								
<i>Explanation : 125 Kw Generator Serves Buildings #409 And #411</i>								
Batteries								
Lead/Acid	100%			2020	\$1,600	5	\$500	
Fuel Storage								
Main Tank	100%			2054	**	5	\$400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Exterior</i>								
<i>Explanation : 250 Gallon Belly Tank</i>								
Lighting								
Interior Lighting								
Fluorescent	85%			2026	\$26,100	10	\$10,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T8 Lamps</i>								
Incandescent	15%			2026	\$11,000	2		

Note : 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.# 411 A AND B TERRORISM CENTER
Asset # : 13775

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

Lighting

Exterior Lighting

HID	10%			2031	**	10		
Incandescent	75%	0-2	\$7,200	2031	**	2		

Obsolete Fixtures, Extent : Light, Area Affected : 100%

Location : Exterior Porch Areas

No Component	15%							
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Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Heating

Energy Source

Fuel Oil No 2	100%			2026	\$34,500	5	\$4,000	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Basement

Explanation : 2 - 275 Gallon Tanks For Both Sides A And B

Conversion Equipment

Steam Boiler	100%			2039	**	1	\$12,700	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Basement

Explanation : A And B Sides Have Separate Boilers

Distribution

Steam Piping/Pump	100%			2036	**	4	\$600	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Throughout

Explanation : A And B Sides Have Independent Systems

Terminal Devices

Convactor/Radiator	100%			2031	**	1	\$4,200	
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Air Conditioning

Energy Source

Electricity	100%			2034	**	1		
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Conversion Equipment

Window/Wall Unit	100%			2024	\$28,800	1		
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Plumbing

H/C Water Piping

Brass/Copper	100%			2046	**	1		
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Other Observation, Extent : Light, Area Affected : 100%

Location : Throughout

Explanation : A And B Sides Have Separate Systems Including Service

HW Heat Exchanger

Low Temp	100%			2052	**	4	\$1,300	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Basement

Explanation : Domestic Coil In Steam Boiler / No Storage / Both A And B Sides

Sanitary Piping

Cast Iron	100%			LIFE	**	1		
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Note : 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.# 411 A AND B TERRORISM CENTER
Asset # : 13775

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
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG.# 413 A AND 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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$448,800	\$73,700
Electrical	\$43,900	
Total	\$492,600	\$73,700
Importance Code A	\$448,800	\$73,700
Importance Code B	\$43,900	
Total	\$492,600	\$73,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture				
Interior Architecture	\$44,500	\$15,300		\$100
Electrical	\$11,000			\$100
Mechanical	\$2,300	\$1,700	\$2,000	\$32,500
Total	\$57,900	\$17,000	\$2,000	\$32,600
Importance Code A	\$1,300	\$1,300	\$1,300	\$1,300
Importance Code B	\$40,000	\$15,800	\$700	\$31,300
Importance Code C	\$16,600			
Total	\$57,900	\$17,000	\$2,000	\$32,600



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 413 A AND B COUNSELING UNIT
Asset # : 13776

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	70%	Now	\$58,000	LIFE	**	5	\$35,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Chimneys Are Missing Bricks</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Chimneys</i>								
Masonry: Granite	20%			LIFE	**	5	\$7,600	
Wood	10%	Now	\$115,300	2039	**	5	\$12,600	
<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Soffits, Trim, Gutters, Fascias</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 65%</i>								
<i>Location : Porch Floors, Rails Columns</i>								
<hr/>								
Windows								
Wood	90%	Now	\$117,700	2042	**	5	\$38,400	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	10%			2042	**	5	\$8,500	
<hr/>								
Roof								
Modified Bitumen	30%	2-4	\$52,000	2036	**			
<i>Alligatoring, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Porch Roofs, Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Porch Roofs, Throughout</i>								
Slate	70%	Now	\$105,800	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Main Roof, Throughout</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Flashing At Chimneys</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Attic Spaces Below Roof</i>								
<hr/>								
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.

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 413 A AND B COUNSELING UNIT
Asset # : 13776

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	10%	Now	\$400	LIFE	**	5	\$4,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	2%	Now	\$1,600	2035	**	5	\$200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Bathrooms</i>								
Vinyl Tile	3%	Now	\$1,100	2031	**	3	\$200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Kitchen Area</i>								
Wood	85%			2054	**	5	\$30,600	
Interior Walls								
Ceramic Tile	2%	2-4	\$1,500	2035	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bathrooms</i>								
<i>Explanation : Tile Will Need To Be Replaced From Lifting.</i>								
Masonry: Brick	5%			LIFE	**			
<i>Paint Peeling, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Basement</i>								
Granite Panels	21%			LIFE	**			
Plaster	70%	Now	\$15,100	LIFE	**	5	\$5,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations</i>								
Wood	2%			LIFE	**	5	\$2,000	
Ceilings								
Embossed Metal	10%			LIFE	**	5	\$900	
<i>Paint Peeling, Extent : Light, Area Affected : 5%</i>								
<i>Location : 1st Floor</i>								
Plaster	90%	Now	\$24,800	LIFE	**	5	\$10,800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Basement, Bathrooms</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								

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

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
FORT TOTTEN - BLDG.# 413 A AND B COUNSELING UNIT
Asset # : 13776

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Two (2)100 Amp Service Switches.</i>						
Raceway								
Conduit	100%			2036	**	1		
Panelboards								
Molded Case Bkrs	100%			2042	**	5	\$400	
Wiring								
Braided Cloth	70%	0-2	\$6,200	2051	**	1		
		<i>Insulation Aged, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Thermoplastic	30%			2036	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	30%			2026	\$9,200	10	\$3,500	
Incandescent	60%			2021	\$43,900	2	\$200	
LED	10%			2034	**			
Exterior Lighting								
HID	50%			2026	\$28,300	10		
Incandescent	50%	0-2	\$4,800	2031	**	2		
		<i>Obsolete Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Porch Areas</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	**	5	\$4,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 - 275 Gallon Tanks Each Side</i>						
Conversion Equipment								
Steam Boiler	100%			2039	**	1	\$12,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Mechanical</i>						
		<i>Explanation : 2 Oil Fired Steam Boiler.</i>						
Distribution								
Steam Piping/Pump	100%			2036	**	4	\$600	
Terminal Devices								
Convactor/Radiator	100%			2031	**	1	\$4,200	

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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 413 A AND B COUNSELING UNIT
Asset # : 13776

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		
Conversion Equipment									
	Window/Wall Unit	100%			2021	\$28,800	1		
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	HW Heat Exchanger								
	Low Temp	100%			2046	* *	4	\$1,900	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
			<i>Location : Basement</i>						
			<i>Explanation : Domestic Coils In Boilers, No Storage On B Side, 40 Gallon Storage Tank On A Side.</i>						
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Fixtures									
	Generic	100%							

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG.# 418 A AND 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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$100,800	
Total	\$100,800	
Importance Code A	\$100,800	
Total	\$100,800	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$26,300			
Interior Architecture	\$35,400	\$2,800		\$100
Electrical	\$8,600			\$26,900
Mechanical	\$1,800	\$1,200	\$1,300	\$27,400
Total	\$72,100	\$4,000	\$1,300	\$54,400
Importance Code A	\$27,100	\$800	\$800	\$800
Importance Code B	\$39,300	\$3,200	\$500	\$53,500
Importance Code C	\$5,800			
Total	\$72,100	\$4,000	\$1,300	\$54,400



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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 418 A AND B SCUBA SUPPORT/FT TOTTEN OPER.
Asset # : 13778

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	**	5	\$7,100	
Granite Panels	15%			LIFE	**	5	\$1,100	
Wood	10%	Now	\$21,800	2031	**	5	\$2,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Porch Soffit On B Side</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Porch Floors, Throughout</i>								
<hr/>								
Windows								
Aluminum	10%			2042	**	5	\$200	
Wood	90%	Now	\$59,200	2051	**	5	\$9,700	
<i>Air Infiltration, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout.</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Roof								
Modified Bitumen	35%	Now	\$41,500	2036	**			
<i>Alligating, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Porch Roofs, Throughout</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Porch Roofs, Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Porch Roofs, Throughout</i>								
Slate	65%	Now	\$4,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								

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.

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 418 A AND B SCUBA SUPPORT/FT TOTTEN OPER.
Asset # : 13778

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	10%	Now	\$600	LIFE	**	5	\$2,200	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Ceramic Tile	5%	Now	\$1,100	2035	**	5	\$200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Bathrooms.</i>								
Vinyl Tile	10%	4+	\$500	2026	\$9,200	3	\$400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : 1st Floor Kitchen On B Side</i>								
Wood	45%	Now	\$16,100	2054	**	5	\$4,200	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor, B Side, Throughout.</i>								
Wood	30%			2054	**	5	\$5,600	
Interior Walls								
Ceramic Tile	5%	Now	\$1,100	2035	**	5	\$400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Bathrooms.</i>								
Masonry: Brick	10%			LIFE	**			
Granite Panels	5%			LIFE	**			
Plaster	75%	Now	\$4,700	LIFE	**	5	\$3,200	
<i>Horizontal Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout.</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout.</i>								
Wood	5%			LIFE	**	5	\$2,900	
Ceilings								
Embossed Metal	20%			LIFE	**	5	\$900	
<i>Paint Peeling, Extent : Light, Area Affected : 5%</i>								
<i>Location : 1st Floor, Throughout</i>								
Plaster	80%	Now	\$11,400	LIFE	**	5	\$5,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Light, Area Affected : 3%</i>								
<i>Location : 1st Floor Bathroom</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Hallway.</i>								
<i>Explanation : Two (2) 100 Amp Service Switches</i>								

Note : 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.# 418 A AND B SCUBA SUPPORT/FT TOTTEN OPER.
Asset # : 13778

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	70%			2026	\$2,900	1		
Conduit	30%			2046	**	1		
Panelboards								
Fused Disc Sw	50%			2042	**	5	\$100	
Molded Case Bkrs	50%			2042	**	5	\$100	
Wiring								
Thermoplastic	70%			2026	\$6,200	1		
Thermoplastic	30%			2036	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	75%			2026	\$19,600	10	\$7,500	
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout The Building</i>				
				<i>Explanation : T-8 Fixtures In Use.</i>				
Incandescent	25%			2021	\$15,600	2	\$100	
Exterior Lighting								
HID	25%			2021	\$11,300	10		
Incandescent	75%	0-2	\$8,600	2031	**	2		
				<i>Obsolete Fixtures, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Porches Areas</i>				

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	**	5	\$3,400	
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Basement</i>				
				<i>Explanation : 2 - 275 Gallon Tanks Each Side</i>				
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								
Convactor/Radiator	100%			2031	**	1	\$3,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	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.

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 418 A AND B SCUBA SUPPORT/FT TOTTEN OPER.
Asset # : 13778

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	100%			2021	\$24,500	1		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
HW Heat Exchanger								
Low Temp	100%			2046	* *	4	\$1,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Domestic Coil In Boiler / No Storage</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
No Component	95%							
Generic	5%			2031	* *	1		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Serves Boiler Only</i>						
Fixtures								
Generic	100%							

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : FORT TOTTEN - BLDG.# 420 A AND 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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$129,200	
Electrical		\$45,000
Total	\$129,200	\$45,000
Importance Code A	\$129,200	
Importance Code B		\$45,000
Total	\$129,200	\$45,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture				
Interior Architecture	\$14,700	\$3,800	\$500	\$400
Electrical				
Mechanical	\$1,900	\$1,300	\$1,600	\$25,900
Total	\$16,600	\$5,100	\$2,100	\$26,300
Importance Code A	\$1,000	\$1,000	\$1,000	\$1,000
Importance Code B	\$14,600	\$4,100	\$600	\$25,200
Importance Code C	\$1,000		\$500	
Total	\$16,600	\$5,100	\$2,100	\$26,300



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 420 A AND B FIRE BOROUGH CMD/EMS BOROUGH CMD
Asset # : 13779

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	**	5	\$30,100	
Granite Panels	5%			LIFE	**	5	\$1,500	
Wood	20%	Now	\$45,900	2039	**	5	\$20,100	
<i>Paint Peeling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Siding, Porches And Soffits</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Porch Floors</i>								
Windows								
Wood	100%	Now	\$83,300	2051	**	5	\$34,000	
<i>Air Infiltration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout.</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Asphalt Shingle	70%			2035	**	10	\$2,500	
Roll Roofing	30%			2022	\$29,300	5	\$10,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$3,300	
Ceramic Tile	5%			2041	**	5	\$800	
Vinyl Tile	10%			2031	**	3	\$600	
Wood	50%	Now	\$13,800	2054	**	5	\$7,200	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : B Side, Throughout.</i>								
Wood	25%			2054	**	5	\$7,200	
Interior Walls								
Ceramic Tile	5%			2035	**	5	\$1,000	
Masonry: Brick	25%			LIFE	**			
Granite Panels	5%			LIFE	**			
Plaster	55%			LIFE	**	5	\$3,200	
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Stairwell</i>								
Wood	10%	Now	\$1,000	LIFE	**	5	\$7,900	
<i>Worn/Eroded, Extent : Light, Area Affected : 5%</i>								
<i>Location : Attic Bedroom</i>								
Ceilings								
Embossed Metal	10%			LIFE	**	5	\$700	
<i>Paint Peeling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout Embossed Ceiling.</i>								
Plaster	80%			LIFE	**	5	\$7,700	
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various Locations</i>								
Wood	10%			LIFE	**	5	\$13,400	

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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 420 A AND B FIRE BOROUGH CMD/EMS BOROUGH CMD
Asset # : 13779

Electrical		Current Repair		Future Replacement		Maintenance		Priority
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		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Front Room.</i>								
<i>Explanation : 1-200 Amp Service Switch Serving Both Buildings.</i>								
Raceway								
Conduit	60%			2026	\$2,500	1		
Conduit	40%			2046	**	1		
Panelboards								
Fused Disc Sw	50%			2042	**	5	\$100	
Molded Case Bkrs	50%			2042	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Branch Circuit Panel.</i>								
Wiring								
Thermoplastic	60%			2026	\$5,300	1		
Thermoplastic	40%			2046	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Stand-by Power								
Batteries								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2026	\$24,400	10	\$9,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Fixtures.</i>								
Exterior Lighting								
HID	100%			2026	\$45,000	10		

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
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%			2036	**	5	\$3,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : A And B Sides -2- 275 Gallon Tanks</i>								
Conversion Equipment								
Steam Boiler	100%			2039	**	1	\$10,100	
Distribution								
Steam Piping/Pump	100%			2036	**	4	\$500	
Terminal Devices								
Convactor/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.

Maintenance \$ are aggregated over a 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.# 420 A AND B FIRE BOROUGH CMD/EMS BOROUGH CMD
Asset # : 13779

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2021	\$22,900	1		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
HW Heat Exchanger								
Low Temp	100%			2046	* *	4	\$1,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Domestic Coil In Boilers With 40 Gallon Storage Tanks</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
No Component	95%							
Generic	5%			2031	* *	1		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Serves Boiler Only</i>						
Fixtures								
Generic	100%							

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT
 Address : 247-253 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 : 06-May-2016 Landmark Status : NONE
 Areas Surveyed : Basement, Roof, Floors 1,2,3,4
 Block : 495 Lot : 7 BIN : 1007523

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$149,200	
Interior Architecture	\$36,700	
Electrical		\$180,600
Mechanical		\$151,800
Total	\$185,800	\$332,300
Importance Code A	\$149,200	
Importance Code B	\$36,700	\$332,300
Total	\$185,800	\$332,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$63,800		\$1,600	
Interior Architecture	\$101,900		\$10,700	\$1,600
Electrical	\$14,700	\$2,000	\$3,900	\$3,600
Mechanical	\$51,000	\$5,100	\$7,200	\$4,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$235,300	\$11,100	\$27,400	\$13,500
Importance Code A	\$65,200	\$1,400	\$3,000	\$1,400
Importance Code B	\$128,900	\$9,600	\$23,700	\$12,100
Importance Code C	\$41,300		\$600	
Total	\$235,300	\$11,100	\$27,400	\$13,500



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

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

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FIRE DEPARTMENT - 057
LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT
Asset # : 13218

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	3%	Now	\$3,300	LIFE	**	5	\$1,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Above Overhead Doors</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Street Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Street Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above Overhead Doors</i>								
Masonry: Brick	87%	Now	\$25,400	LIFE	**	5	\$8,400	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : South West Corner, 3rd Story Street Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Bulkheads</i>								
Metal Sect. OHD	10%			2040	**	5	\$3,000	
Windows								
Aluminum	95%	Now	\$25,300	2052	**	5	\$300	
<i>Air Infiltration, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Windows Throughout</i>								
Steel	5%	Now	\$1,700	2052	**	5	\$200	1
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Stairwells</i>								
Parapets								
Masonry: Brick	95%	Now	\$8,000	LIFE	**	5	\$1,400	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%</i>								
<i>Location : Interior Parapet Face</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 20%</i>								
<i>Location : First And Fourth Stories - East Facade</i>								
Pre-Cast Concrete	5%	Now	\$100	LIFE	**	5	\$500	
<i>Caulking Deteriorated, Extent : Light, Area Affected : 20%</i>								
<i>Location : Coping Joints</i>								

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FIRE DEPARTMENT - 057
LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT
Asset # : 13218

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Asphalt Shingle	2%			2030	**	10	\$100	
Modified Bitumen	98%	Now	\$149,200	2037	**			
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over First, Second And Fourth Floors</i>								
<i>Debris Present, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : All Roofs</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Lower Roof, North Side</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At Roof Hatch, South Stair</i>								
<hr/>								
Interior								
Floors								
Carpet	10%			2026	\$55,100	3	\$6,500	
Cast in Place Concrete	25%	Now	\$22,400	LIFE	**	5	\$23,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Ladder Apparatus Floor</i>								
<i>Uneven Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Apparatus Floor</i>								
Ceramic Tile	5%			2036	**	5	\$2,200	
Terrazzo	2%			LIFE	**	5	\$1,400	
Vinyl Tile	10%	Now	\$36,700	2037	**	3	\$1,600	
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Third And Fourth Floor Counselors Offices</i>								
Vinyl Tile	45%			2032	**	3	\$7,300	
Wood	3%			2055	**	5	\$2,400	
<hr/>								
Interior Walls								
Ceramic Tile	2%			2040	**	5	\$1,200	
Concrete Masonry Unit	10%	Now	\$6,600	LIFE	**	5	\$2,400	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Parking Garage</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Cellar, Stairwells</i>								
Gypsum Board	20%			LIFE	**	5-10	\$20,200	
Plaster	48%			LIFE	**	5-10	\$24,200	
SGFT/Glazed Masonry	20%			LIFE	**	10	\$5,900	

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FIRE DEPARTMENT - 057
LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT
Asset # : 13218

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileConcealSpLn	35%			2032	**	5	\$18,900	
AcousTileSusp.Lay-In	20%			2040	**	5	\$8,600	
Exposed Concrete	20%	Now	\$13,900	LIFE	**	5	\$1,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Stair 3 At Cellar</i>								
Gypsum Board	25%			LIFE	**	5-10	\$37,100	
Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2027	\$4,800	5	\$800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : No Available Nameplate Rating</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$48,800	5	\$800	
Raceway								
Conduit	20%			2037	**	1		
Conduit	70%			2027	\$21,900	1		
Conduit	10%			2053	**	1		
Panelboards								
Molded Case Bkrs	70%			2026	\$26,900	5	\$500	
Molded Case Bkrs	20%			2035	**	5	\$200	
Molded Case Bkrs	10%			2049	**	5	\$100	
Wiring								
Thermoplastic	20%			2037	**	1		
Thermoplastic	70%			2027	\$19,400	1		
Thermoplastic	10%			2053	**	1		
Motor Controllers								
Locally Mounted	100%			2025	\$14,400	5	\$200	
Ground								
Grounding Devices								
Generic	100%	0-2	\$9,500	LIFE	**	5	\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded And Connected To Main Water Pipe.</i>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2025	\$4,800	1	\$8,900	

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FIRE DEPARTMENT - 057
LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT
Asset # : 13218

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Generators								
Diesel	100%			2023	\$65,700	1	\$11,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : Emergency Generator Rated @ 30kw</i>								
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$1,100	
Fuel Storage								
Day Tank	50%			2026	\$1,000	5	\$2,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 10 Gallons Rated Capacity</i>								
Main Tank	50%			2030	**	5	\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 275 Gallons Rated Capacity</i>								
Lighting								
Interior Lighting								
Fluorescent	2%			2027	\$1,600	10	\$500	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fluorescent	10%			2022	\$7,800	10	\$2,600	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	10%			2035	**	10	\$2,600	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
Fluorescent	38%			2027	\$29,700	10	\$10,100	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
LED	40%			2035	**			
Egress Lighting								
Emergency, Service	50%			2032	**	1		
Exit, Service	50%			2032	**	1		
Exterior Lighting								
Fluorescent	20%			2027	\$18,500	10	\$500	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
No Component	80%							

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

Heating

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FIRE DEPARTMENT - 057
LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT
Asset # : 13218

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2037	**	1		
Conversion Equipment								
Hot Water Boiler	85%			2032	**	1	\$12,100	
	<i>Other Observation, Extent : Light, Area Affected : 85%</i>							
	<i>Location : Basement Boiler Room</i>							
	<i>Explanation : 1 Unit</i>							
Hot Water Boiler	15%			2044	**	1	\$2,100	
	<i>Recent Installation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : 2nd Floor Mechanical Room For Division 1</i>							
Distribution								
Hot Wtr Piping/Pump	85%	0-2	\$6,200	2035	**	4	\$1,200	
	<i>Corroded, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Basement</i>							
Hot Wtr Piping/Pump	15%			2049	**	4	\$200	
	<i>Recent Replace Evident, Extent : Light, Area Affected : 15%</i>							
	<i>Location : 2nd Floor Division 1</i>							
Terminal Devices								
Convactor/Radiator	45%			2032	**	1	\$4,200	
Convactor/Radiator	15%			2044	**	1	\$1,400	
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 2nd Floor Division 1</i>							
Fan Coil Unit/Heat	20%			2027	\$86,300	1	\$1,900	
Unit Heater-Stm/HW	20%			2032	**	4	\$500	
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%	Now	\$29,300	2037	**	1	\$3,600	
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Penthouse</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Penthouse</i>							
	<i>Explanation : Aged Equipment / Chiller Jackets Off And Missing</i>							
Window/Wall Unit	50%			2025	\$29,600	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	30%	Now	\$1,700	2037	**	4	\$400	
	<i>Insul. Deteriorating, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Mechanical Room On Roof</i>							
No Component	70%							

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FIRE DEPARTMENT - 057
LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT
Asset # : 13218

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Fan Coil - Cooling	15%			2035	**	1	\$1,400	
	<i>Other Observation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : 2nd Floor Division 1</i>							
	<i>Explanation : New Installation</i>							
Fan Coil - Cool/Heat	15%			2027	\$65,500	1	\$1,400	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2022	\$13,800	2	\$6,000	
Evap Condenser	15%			2035	**	2	\$3,000	
	<i>Recent Installation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Lower Roof</i>							
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$25,500	
Exhaust Fans								
Interior	40%			2027	\$12,700	2	\$400	
Roof	60%	Now	\$300	2027	\$13,700	2	\$400	
	<i>Other Observation, Extent : Moderate, Area Affected : 3%</i>							
	<i>Location : Lower Roof</i>							
	<i>Explanation : 1 Cover Is Missing</i>							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Water Heater								
Electric	15%			2026	\$700	4		
	<i>Other Observation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : 2nd Floor Division 1</i>							
	<i>Explanation : 1 Unit</i>							
Gas Fired	85%			2022	\$5,700	2	\$400	
	<i>Other Observation, Extent : Light, Area Affected : 85%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 2 - 80 Gallon Units</i>							
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Rigid Piping	100%			2027	\$11,000	4	\$2,500	
Backflow Preventer								
Generic	100%			2035	**	1	\$1,800	
Fixtures								
Generic	100%							
Vertical Transport								

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FIRE DEPARTMENT - 057
LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT
Asset # : 13218

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
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE			* *	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement To 4th Floor</i>							
	<i>Explanation : 1 - Unit</i>							
Fire Suppression								
Sprinkler								
No Component	50%							
Generic	50%			2037		* *	1-2	\$4,100

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Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

Asset Name : LADDER CO. 25/ENGINE CO. 74/ HOOK 25
Address : 205 W 77th STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSLAD.025 / 13219 **Yr Built/Renovated** : 1901 / 2005
Area Sq Ft : 13,300 **Project Type** : FIRE DEPARTMENT
Date of Survey : 11-May-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1169 **Lot** : 26 **BIN** : 1030885

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$43,200
Interior Architecture	\$65,500	
Total	\$65,500	\$43,200
Importance Code A		\$43,200
Importance Code B	\$65,500	
Total	\$65,500	\$43,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$74,100	\$3,100		
Interior Architecture	\$86,900			\$3,900
Electrical	\$2,300	\$1,100	\$1,300	\$2,600
Mechanical	\$12,800	\$6,100	\$32,100	\$9,500
Total	\$176,200	\$10,300	\$33,300	\$16,000
Importance Code A	\$74,800	\$3,800	\$700	\$700
Importance Code B	\$59,700	\$6,500	\$32,700	\$12,400
Importance Code C	\$41,700			\$2,900
Total	\$176,200	\$10,300	\$33,300	\$16,000



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FIRE DEPARTMENT - 057
LADDER CO. 25/ENGINE CO. 74/ HOOK 25
Asset # : 13219

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$31,400	
Masonry: Brick	66%			LIFE	**	5	\$53,000	
Masonry: Limestone	20%			LIFE	**	5	\$12,000	
Metal Panel	2%			2047	**	5-10	\$5,500	
Metal Sect. OHD	5%			2044	**	5	\$6,300	
Window Wall	2%			2047	**	5	\$3,000	
Windows								
Aluminum	100%			2043	**	5	\$2,100	
Parapets								
Cast Stone/Terra Cotta	20%	Now	\$2,000	LIFE	**	5	\$6,100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : North West Corner Of Parapet Wall</i>								
Masonry: Brick	45%	Now	\$10,200	LIFE	**	5	\$1,800	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : North West Corner Of Parapet Wall</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Rear Wall - Stepped Down Roof Above Kitchen</i>								
Metal Panel	35%			2047	**	5	\$5,300	
Roof								
Modified Bitumen	53%	0-2	\$8,600	2027			\$43,200	
<i>Blisters, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Debris Present, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Several Locations Along Lap Joints</i>								
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Middle Of Roof</i>								
Skylight, Plastic	2%			2044	**	1		
Sloped Glazing	5%	Now	\$4,100	LIFE	**	5	\$9,400	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Kitchen</i>								
Not Accessible	40%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Scaffolding And Netting Set Up - Neighboring Construction</i>								
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$34,800	
Ceramic Tile	10%			2036	**	5	\$2,000	
Wood	50%	2-4	\$65,500	2055	**	5	\$9,300	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 75%</i>								
<i>Location : All Wood Flooring</i>								

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FIRE DEPARTMENT - 057
LADDER CO. 25/ENGINE CO. 74/ HOOK 25
Asset # : 13219

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%			2036	**	5	\$5,900	
Concrete Masonry Unit	5%			LIFE	**	5	\$1,200	
Glass: Single Pane	3%			LIFE	**	5	\$1,300	
Gypsum Board	5%			LIFE	**	5-10	\$2,500	
Masonry: Brick	25%	Now	\$28,700	LIFE	**			
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Rear Wall - At Kitchen</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : At Sidewalk Vault</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 5%</i>								
<i>Location : At Sidewalk Vault</i>								
Plaster	22%			LIFE	**	5-10	\$5,500	
Wood	20%	4+	\$6,600	LIFE	**	5	\$23,600	
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Ceilings								
Exposed Struc: Steel	30%			LIFE	**	10	\$11,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Below Apparatus Floor</i>								
<i>Explanation : Material Actually Metal Decking</i>								
Metal Panel	20%			LIFE	**	5	\$10,000	
Plaster	50%			LIFE	**	5-10	\$17,100	
Electrical								
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%			2047	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Disconnect Switch Rated @ 600 Amperes.</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2047	**	5	\$100	
Raceway								
Conduit	100%			2047	**	1		
Panelboards								
Fused Disc Sw	2%			2043	**	5		
Molded Case Bkrs	98%			2043	**	5	\$300	
Wiring								
Thermoplastic	100%			2047	**	1		
Motor Controllers								
Locally Mounted	100%			2040	**	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.

FIRE DEPARTMENT - 057
LADDER CO. 25/ENGINE CO. 74/ HOOK 25
Asset # : 13219

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	**	1	\$4,100	
Generators								
Diesel	100%			2036	**	1	\$5,200	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Emergency Generator Rated @ 80kva</i>					
Batteries								
Lead/Acid	100%			2021	\$1,500	5	\$500	
Fuel Storage								
Day Tank	50%			2043	**	5	\$1,200	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 25 Gallons Rated Capacity</i>					
Main Tank	50%			2055	**	5	\$200	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 550 Gallons Rated Capacity</i>					
Lighting								
Interior Lighting								
Fluorescent	70%			2032	**	10	\$8,500	
			<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
Fluorescent	25%			2032	**	10	\$3,100	
			<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement And 1st Floor</i>					
Incandescent	5%			2032	**	2		
Egress Lighting								
Emergency, Service	50%			2032	**	1		
Exit, LED	50%			2055	**	1		
Exterior Lighting								
Fluorescent	20%			2032	**	10	\$200	
			<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Outside</i>					
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2032	**	1-3	\$1,600	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Hallways</i>					
			<i>Explanation : Strobe Lights And Alarm Bells</i>					

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Estimates are rounded to the nearest hundred dollars.

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FIRE DEPARTMENT - 057
LADDER CO. 25/ENGINE CO. 74/ HOOK 25
Asset # : 13219

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
Natural Gas	100%			2047	**	1	
Conversion Equipment							
Furnace	40%			2032	**	1	\$2,600
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>					
		<i>Location : Roof</i>					
		<i>Explanation : 5 Rtu</i>					
Hot Water Boiler	60%			2040	**	1	\$4,000
		<i>Other Observation, Extent : Light, Area Affected : 60%</i>					
		<i>Location : Basement</i>					
		<i>Explanation : Hydro- Therm Multi- Temp. 3 Boilers Packaged</i>					
Distribution							
Hot Wtr Piping/Pump	60%			2043	**	4	\$600
No Component	40%						
Terminal Devices							
Convactor/Radiator	20%			2040	**	1	\$900
Unit Heater-Stm/HW	40%			2032	**	4	\$500
No Component	40%						
Air Conditioning							
Energy Source							
Electricity	100%			2043	**	1	
Conversion Equipment							
Ext Pkg Unit - Heating/Cooling	100%			2032	**	2	\$800
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>					
		<i>Location : 5 Units. Roof</i>					
Ventilation							
Distribution							
Ductwork/Diffusers	80%			LIFE	**	2-5	\$9,400
No Component	20%						
Exhaust Fans							
Roof	80%			2027	\$8,400	2	\$300
Wall Unit	20%			2032	**	2	\$100
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2047	**	1	
Water Heater							
Gas Fired	100%			2025	\$3,100	2	\$200
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement</i>					
		<i>Explanation : 2 - Units 99 Gallons Each</i>					
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	

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FIRE DEPARTMENT - 057
LADDER CO. 25/ENGINE CO. 74/ HOOK 25
Asset # : 13219

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2027	\$11,000	4	\$2,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 Pits With Pumps</i>						
<hr/>								
Fixtures								
Generic	100%							
<hr/>								
Fire Suppression								
Sprinkler								
Generic	100%			2047	* *	1-2	\$3,700	
<hr/>								
Chemical System								
Generic	100%			2020	\$26,100	1-3	\$55,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Kitchen</i>						
		<i>Explanation : 1 Set</i>						
<hr/>								

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

Asset Name : MAINTENANCE GARAGE LIC
Address : 48-34 35TH STREET LONG ISLAND CITY
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0001.000 / 2010 **Yr Built/Renovated** : 1945 / 2009
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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$87,300	\$532,300
Interior Architecture	\$44,800	\$515,400
Electrical		\$171,100
Mechanical	\$57,400	\$230,200
Total	\$189,600	\$1,448,900
Importance Code A	\$87,300	\$532,300
Importance Code B	\$102,300	\$916,600
Total	\$189,600	\$1,448,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$49,100			\$1,100
Interior Architecture	\$13,700	\$8,700		\$5,200
Electrical	\$31,900	\$28,000	\$34,700	\$32,100
Mechanical	\$7,300	\$6,200	\$26,500	\$7,100
Total	\$101,900	\$43,000	\$61,200	\$45,500
Importance Code A	\$49,200	\$100	\$100	\$1,200
Importance Code B	\$44,300	\$42,800	\$61,000	\$44,300
Importance Code C	\$8,400			
Total	\$101,900	\$43,000	\$61,200	\$45,500



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

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FIRE DEPARTMENT - 057
MAINTENANCE GARAGE LIC
Asset # : 2010

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	75%			LIFE	**	5	\$230,900	
Metal Panel	15%			2051	**	5-10	\$63,500	
Metal Sect. OHD	10%	Now	\$19,200	2038	**	5	\$9,600	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade Entrance</i>								
<i>Explanation : Bent Warped</i>								
<hr/>								
Windows								
Aluminum	95%	Now	\$29,600	2047	**	5	\$1,800	
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Carpentry Shop</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor Offices</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor Offices</i>								
Metal Louvers	5%	Now	\$300	2034	**			
<i>Corrosion/Rusting, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<hr/>								
Parapets								
Cast in Place Concrete	95%			LIFE	**	5	\$108,600	
Metal Panel	5%			2051	**	5	\$2,100	
<hr/>								
Roof								
Modified Bitumen	65%			2033	**	10	\$153,400	
Modified Bitumen	30%	0-2	\$41,200	2033	**			
<i>Ponding, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Flat Roofs</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Flat Roofs</i>								
Skylight, Metal/Glass	5%			2045	**	10	\$39,300	
<hr/>								
Interior								
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		3	\$5,200	
Vinyl Tile	15%			2033	**	3	\$20,900	
Under Construction	5%							
<hr/>								
Interior Walls								
Cast in Place Concrete	5%	Now	\$8,400	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Window Lintel Second Floor Offices</i>								
Concrete Masonry Unit	10%			LIFE	**	5	\$1,100	
Gypsum Board	25%			LIFE	**	5	\$4,000	
Plaster	35%			LIFE	**	5	\$2,800	
SGFT/Glazed Masonry	20%			LIFE	**			
Under Construction	5%							

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FIRE DEPARTMENT - 057
MAINTENANCE GARAGE LIC
Asset # : 2010

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%			2042	**	5	\$69,800	
Exposed Concrete	50%			LIFE	**	5	\$21,800	
Exposed Concrete	5%	Now	\$44,800	LIFE	**	5	\$2,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Concrete Beam At Ceiling Over Storage Area</i>								
Exposed Struc: Steel	5%			LIFE	**			
Plaster	10%			LIFE	**	5	\$17,400	
Under Construction	5%							
Electrical								
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%							
Transformers								
Dry Type	100%			2042	**	5	\$800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 225 Kva, 208/120 V</i>								
Switchgear / Switchboard								
Air Circuit Breaker	50%			2051	**	5	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : Low Voltage Power Circuit Breaker</i>								
Not Accessible	50%							
Raceway								
Conduit	100%			2051	**	1		
Panelboards								
Fused Disc Sw	2%			2047	**	5	\$100	
Molded Case Bkrs	98%			2047	**	5	\$5,300	
Wiring								
Thermoplastic	100%			2051	**	1		
Motor Controllers								
Locally Mounted	100%			2042	**	5	\$1,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$3,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	**	1	\$63,100	

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FIRE DEPARTMENT - 057
MAINTENANCE GARAGE LIC
Asset # : 2010

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Generators								
Diesel	100%			2038	**	1	\$79,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 2- Emergency Generators No Available Nameplate Ratings</i>								
<hr/>								
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$7,600	
<hr/>								
Fuel Storage								
Day Tank	50%			2047	**	5	\$17,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator</i>								
<i>Explanation : 620 Gallon Capacity</i>								
<hr/>								
Main Tank	50%			2060	**	5	\$2,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : No Available Nameplate Rating Capacity</i>								
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	30%			2033	**	10	\$51,300	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
<hr/>								
Fluorescent	70%			2033	**	10	\$119,700	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Repair Shops</i>								
<hr/>								
Egress Lighting								
Emergency, Battery	30%			2033	**	10	\$13,500	
Exit, Service	70%			2033	**	1		
<hr/>								
Exterior Lighting								
HID	100%			2033	**	10	\$600	
<hr/>								
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	**	1	\$23,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside And Outside</i>								
<i>Explanation : C C T V Surveillance Camera</i>								
<hr/>								
Fire/Smoke Detection								
Generic, Digital	100%			2033	**	1-3	\$130,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Horns, Alarm Bells And Horns</i>								

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

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Estimates are rounded to the nearest hundred dollars.

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

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FIRE DEPARTMENT - 057
MAINTENANCE GARAGE LIC
Asset # : 2010

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	40%			2045	**	1		
Interruptible Gas/Dual Fuel	60%			2045	**	1		
Conversion Equipment								
Furnace	40%			2030	**	1	\$400	
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Roof</i>								
<i>Explanation : 4 Units</i>								
Steam Boiler	60%			2038	**	1	\$1,100	
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 3 Units</i>								
Distribution								
Steam Piping/Pump	60%			2025	\$7,800	4	\$100	
No Component	40%							
Terminal Devices								
Convactor/Radiator	40%			2030	**	1	\$200	
Fan Coil Unit/Heat	20%			2025	\$5,600	1	\$100	
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2033	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	5%			2030	**	2	\$600	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 5%</i>								
<i>Location : Roof</i>								
Split Unit	10%			2030	**			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Roof</i>								
<i>Explanation : Refrigerant R-410 A</i>								
Window/Wall Unit	15%			2020	\$57,400	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	\$140,600	2	\$5,400	
Plumbing								

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

FIRE DEPARTMENT - 057
MAINTENANCE GARAGE LIC
Asset # : 2010

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
Plumbing								
H/C Water Piping Brass/Copper	100%			2035	* *	1		
Water Heater Gas Fired	100%			2023	\$43,300	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	\$11,000	4	\$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe Generic	100%			2035	* *	1-5	\$900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 34th Street Side Wall</i>						
		<i>Explanation : Connection</i>						
Sprinkler								
No Component Generic	80%			2035	* *	1-2	\$100	
Chemical System Generic	100%			2023	\$26,100	1-3	\$50,600	

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Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$40,800	
Interior Architecture	\$78,700	
Electrical		\$64,200
Mechanical		\$148,100
Total	\$119,500	\$212,300
Importance Code A	\$40,800	
Importance Code B	\$78,700	\$212,300
Total	\$119,500	\$212,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$2,500		\$200	
Interior Architecture	\$31,300		\$700	\$1,200
Electrical	\$1,200	\$14,000	\$300	\$200
Mechanical	\$10,400	\$14,200	\$7,300	\$2,400
Total	\$45,500	\$28,200	\$8,400	\$3,800
Importance Code A	\$3,300	\$900	\$1,100	\$900
Importance Code B	\$20,100	\$27,300	\$7,400	\$2,900
Importance Code C	\$22,100			
Total	\$45,500	\$28,200	\$8,400	\$3,800



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

FIRE DEPARTMENT - 057
MARINE 6/MARINE DIVISION/SAFTEY BATTALION
Asset # : 14078

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	**	5	\$13,100	
Metal Coiling Doors	5%			2037	**	5	\$2,400	
Pre-Cast Concrete	10%	Now	\$2,500	LIFE	**	5	\$5,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<hr/>								
Windows								
Aluminum	20%			2040	**	5	\$400	
Steel	80%	0-2	\$40,800	2032	**	5	\$9,800	
<i>Crwt/Balnc Not Funct, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<hr/>								
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$5,500	LIFE	**	5	\$23,200	
<i>Horizontal Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : First Floor Shop</i>								
Ceramic Tile	5%			2033	**	5	\$1,300	
Vinyl Tile	30%	0-2	\$67,500	2034	**	3	\$3,000	
<i>Split/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	5%	0-2	\$11,200	2034	**	3	\$500	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : 9x9's Need To Be Replaced</i>								
Vinyl Tile	20%			2029	**	3	\$2,000	
<hr/>								
Interior Walls								
Ceramic Tile	10%	Now	\$4,100	2033	**	5	\$1,500	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Toilet Rooms</i>								
Concrete Masonry Unit	40%	Now	\$13,100	LIFE	**	5	\$4,700	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Glass: Single Pane	5%			LIFE	**	5	\$1,100	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Main Corridor</i>								
<i>Explanation : Interior Window Wall</i>								
Gypsum Board	40%	Now	\$4,900	LIFE	**	5	\$7,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wood	5%			LIFE	**	5	\$5,900	

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

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

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

FIRE DEPARTMENT - 057
MARINE 6/MARINE DIVISION/SAFTEY BATTALION

Asset # : 14078

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	40%	Now	\$3,100	2037	**	5	\$3,800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Embossed Metal	30%			LIFE	**	5	\$2,600	
Exposed Concrete	30%			LIFE	**	5	\$900	
Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 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	\$25,000	5	\$300	
Wiring								
Thermoplastic	70%			2044	**	1		
Thermoplastic	30%			2024	\$8,300	1		
Motor Controllers								
Locally Mounted	90%			2022	\$12,900	5	\$100	
Motor Control Center	10%			2022	\$1,400	5		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	85%			2029	**	10	\$13,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recently Installed T-8 Fixtures With T-12 Fixtures In Sleeping Quarters</i>								
HID	10%			2024	\$1,800	10	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Marine Garage</i>								
<i>Explanation : High Bay Lighting</i>								
HID	5%	Now	\$900	2034	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Garage Boat Repair</i>								
<i>Explanation : Fixtures Not Working - Inadequate Illumination</i>								

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Estimates are rounded to the nearest hundred dollars.

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FIRE DEPARTMENT - 057
MARINE 6/MARINE DIVISION/SAFTEY BATTALION
Asset # : 14078

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting Emergency, Service	40%			2024	\$3,500	1		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Fixtures Connected To Main Bldg Power</i>								
Exit, Service	60%			2024	\$1,200	1		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Fixtures Conncted To Main Bldg Power</i>								
Exterior Lighting HID	100%			2024	\$64,200	10	\$100	
Alarm								
Fire/Smoke Detection No Component Generic	80%							
	20%			2029	**	1-3	\$2,100	
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Natural Gas	100%			2034	**	1		
Conversion Equipment Hot Water Boiler	100%	0-2	\$800	2029	**	1	\$7,900	
<i>Malfunctioning, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Control System</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : 2nd Floor Boiler Room</i>								
<i>Explanation : 6 Boilers Piped With Header</i>								
Distribution Hot Wtr Piping/Pump	100%			2032	**	4	\$900	
Terminal Devices Air Handler	40%			2029	**	1	\$4,400	
Convactor/Radiator	10%			2037	**	1	\$600	
Unit Heater-Stm/HW	50%			2024	\$57,100	4	\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor Garage</i>								
<i>Explanation : H W Unit Heaters Serve Garage</i>								
Air Conditioning								
Energy Source Electricity	100%			2040	**	1		

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

FIRE DEPARTMENT - 057
MARINE 6/MARINE DIVISION/SAFTEY BATTALION
Asset # : 14078

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Interior Pkg Unit - Cooling	40%	Now	\$4,600	2025	\$91,100	2	\$300	
<i>Broken, Extent : Severe, Area Affected : 5%</i> <i>Location : Fresh Air Louvers</i> <i>R-22 Refrigerant, Extent : Light, Area Affected : 1%</i> <i>Location : A C System</i> <i>Other Observation, Extent : Moderate, Area Affected : 5%</i> <i>Location : 3 Units, Mechanical Room On 2nd Floor</i> <i>Explanation : Filters Are Required</i>								
Window/Wall Unit	10%			2019	\$3,600	1		
No Component	50%							
Distribution								
Ductwork/Diffusers	50%			LIFE	**	2	\$11,500	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	**	2-5	\$3,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i> <i>Location : 1st Floor Garage</i> <i>Explanation : Serves Garage Only</i>								
No Component	70%							
Exhaust Fans								
Wall Unit	30%			2024	\$8,000	2	\$200	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		
Water Heater								
Electric	100%			2019	\$2,700	4	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : 2nd Floor Fan Room</i> <i>Explanation : 1 - 750 Gallon Unit</i>								
Sanitary Piping								
Cast Iron	100%	Now	\$1,900	LIFE	**	1		
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 5%</i> <i>Location : Shower Drains</i>								
Storm Drain Piping								
Cast Iron	100%	Now	\$1,200	LIFE	**	1		
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 5%</i> <i>Location : Stack</i>								
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i> <i>Location : Kitchen And Bathrooms</i>								

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

FIRE DEPARTMENT - 057
MARINE 6/MARINE DIVISION/SAFTEY BATTALION
Asset # : 14078

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Fire Suppression	Standpipe							
	Generic	100%			2044	* *	1-5	\$8,900
	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
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Fire Extinguishers</i>							

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$48,600	
Total	\$48,600	
Importance Code A	\$48,600	
Total	\$48,600	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$2,500		\$2,300	\$19,700
Interior Architecture			\$600	\$13,100
Electrical	\$1,200	\$3,500	\$1,200	\$1,200
Mechanical	\$2,200	\$900	\$1,900	\$1,800
Total	\$5,900	\$4,500	\$5,900	\$35,800
Importance Code A	\$2,600	\$100	\$2,300	\$19,800
Importance Code B	\$3,300	\$4,400	\$3,600	\$16,000
Importance Code C				
Total	\$5,900	\$4,500	\$5,900	\$35,800

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

FIRE DEPARTMENT - 057
MARINE 9 RESPONSE UNIT
Asset # : 14079

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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	
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Second Floor Corridor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Main Entrance Clear Story, Bunk Room And Gymnasium</i>								
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	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Main Roof</i>								
<i>Explanation : Garden " Green " Roof</i>								
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	\$1,700	
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		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Over 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
MARINE 9 RESPONSE UNIT
Asset # : 14079

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Over 600 Volts								
Service Equipment Fused Disc Sw	100%			2054	**	3		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								
Transformers Dry Type	100%			2044	**	3		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 750 Kva 4160hv-480/277lv</i>								
Feeders Cable	100%			2049	**	1		
Raceway Conduit	100%			2054	**	1		
Under 600 Volts								
Service Equipment Molded Case Bkrs	100%			2054	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room, 1st Floor</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								
Transformers Dry Type	100%			2044	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room, 1st Floor</i>								
<i>Explanation : Two 112.5 Kva, 480hv-208/120lv</i>								
Switchgear / Switchboard Molded Case Bkrs	100%			2054	**	5	\$200	
Raceway Conduit	100%			2054	**	1		
Panelboards Fused Disc Sw	10%			2049	**	5		
Molded Case Bkrs	90%			2049	**	5	\$200	
Wiring Thermoplastic	100%			2054	**	1		
Motor Controllers Locally Mounted	100%			2044	**	5	\$100	
Ground								
Grounding Devices Generic	100%			LIFE	**	5	\$100	
Stand-by Power								
Transfer Switches Automatic	100%			2044	**	1	\$2,500	
Generators Diesel	100%			2039	**	1	\$3,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 450 Kw</i>								

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

FIRE DEPARTMENT - 057
MARINE 9 RESPONSE UNIT
Asset # : 14079

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Batteries								
Lead/Acid	100%			2019	\$1,500	5	\$300	
Fuel Storage								
Main Tank	100%			2064	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : One 780 Gallons</i>								
Lighting								
Interior Lighting								
Fluorescent	90%			2034	**	10	\$6,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps With Automatic Lighting Controls</i>								
Fluorescent	10%			2034	**	10	\$700	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Service	60%			2034	**	1		
Exit, LED	40%			2064	**	1		
Exterior Lighting								
HID	100%			2034	**	10		
Lightning Protection								
Arresters/Cabling								
Generic	100%			2064	**	5	\$200	
Alarm								
Security System								
No Component	50%							
Generic	50%			2034	**	1	\$1,500	
Fire/Smoke Detection								
Generic	100%			2034	**	1-3	\$4,900	

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	40%			2054	**	1		
Solar Panel(s)	60%			2054	**	2	\$300	
Air Conditioning								
Energy Source								
Electricity	100%			2049	**	1		

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

FIRE DEPARTMENT - 057
MARINE 9 RESPONSE UNIT
Asset # : 14079

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	**	2	\$500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 3 Roof Top Units With Refrigerant R- 410a</i>						
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,500	
Exhaust Fans								
Roof	15%	Now		2032	**	2		
		<i>Malfunctioning, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Kitchen Hood Exhaust</i>						
No Component	85%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Process Is Carried Out Through A C System</i>						
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	**	1		
Water Heater								
Electric	100%			2024	\$1,200	4		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : First Floor Mechanical Room</i>						
		<i>Explanation : 2 Units - Hot Water Solar Panels Are Used To Heat The Water</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Backflow Preventer								
Generic	100%			2034	**	1	\$500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2054	**	1-2	\$2,200	
Chemical System								
No Component	80%							
Generic	10%			2024	\$2,600	1-3	\$5,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Kitchen</i>						
		<i>Explanation : Kitchen Hood System Is Inaccessible</i>						
Generic	10%			2024	\$2,600	1-3	\$5,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Fire Extinguishers</i>						

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 : 03-May-2016 **Landmark Status** : NONE
Areas Surveyed : Floors x
Block : 2905 **Lot** : 30 **BIN** : 2817127

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$77,000
Interior Architecture	\$39,200	\$54,200
Total	\$39,200	\$131,300
Importance Code A		\$77,000
Importance Code B	\$39,200	\$54,200
Total	\$39,200	\$131,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$50,700	\$7,700		
Interior Architecture	\$70,600	\$1,400	\$2,200	
Electrical	\$2,600	\$2,900	\$1,800	\$1,700
Mechanical	\$14,800	\$7,000	\$13,400	\$5,800
Total	\$138,800	\$19,000	\$17,400	\$7,500
Importance Code A	\$51,700	\$8,600	\$1,000	\$1,000
Importance Code B	\$39,500	\$10,300	\$15,100	\$6,500
Importance Code C	\$47,500		\$1,300	
Total	\$138,800	\$19,000	\$17,400	\$7,500



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

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

FIRE DEPARTMENT - 057
RESCUE 3
Asset # : 14463

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	**	5	\$6,800	
Masonry: Brick	40%			LIFE	**	5	\$27,400	
Metal/Glass Curt Wall	3%			LIFE	**	5	\$3,900	
Metal Panel	45%			2053	**	5-10	\$105,900	
Metal Coiling Doors	10%			2044	**	5	\$10,700	
Windows								
Aluminum	100%			2049	**	5	\$1,200	
Parapets								
Cast in Place Concrete	10%			LIFE	**	5	\$5,000	
Metal Panel	5%			2053	**	5	\$500	
Metal Rail	10%			2044	**	5-10	\$4,400	
No Component	75%							
Roof								
IRMA/Protected Membrane	20%			2035	**	10	\$5,200	
Metal, Corrugated	60%			2044	**	1		
Plaza Roof: Stone Panels	10%			2053	**			
Skylight, Metal/Glass	10%			2053	**	10	\$8,700	
Interior								
Floors								
Cast in Place Concrete	85%	4+	\$5,200	LIFE	**	5	\$54,200	
			<i>Worn/Eroded, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Apparatus Room</i>					
Ceramic Tile	3%			2040	**	5	\$900	
Sheet Vinyl/Rubber	2%			2035	**	5	\$900	
Wood	10%	4+	\$9,600	2062	**	5	\$2,700	
			<i>Worn/Eroded, Extent : Light, Area Affected : 35%</i>					
			<i>Location : Corridors Throughout</i>					
Interior Walls								
Cast in Place Concrete	10%			LIFE	**	10	\$13,400	
Ceramic Tile	5%			2040	**	5	\$2,700	
Concrete Masonry Unit	15%			LIFE	**	5	\$6,400	
Fiberglass Panel	30%			LIFE	**	10	\$4,000	
Glass: Single Pane	5%			LIFE	**	5	\$4,000	
Gypsum Board	20%			LIFE	**	5-10	\$18,200	
Masonry: Brick	5%			LIFE	**	10	\$800	
Steel Plate	5%			LIFE	**	5	\$3,200	
Wood	5%			LIFE	**	5	\$21,400	
Ceilings								
AcousTileSusp.Lay-In	10%			2044	**	5	\$2,800	
Exposed Struc: Steel	70%			LIFE	**	10	\$39,200	
			<i>Other Observation, Extent : Light, Area Affected : 65%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Material Is Actually Metal Decking.</i>					
Gypsum Board	5%			LIFE	**	5-10	\$4,800	
Metal Panel	15%			LIFE	**	5	\$10,500	

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FIRE DEPARTMENT - 057
RESCUE 3
Asset # : 14463

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
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%			2053	**	5	\$100	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Main Service Disconnect Switch Rated @ 800 Amperes.</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	**	5	\$500	
Raceway								
Conduit	100%			2053	**	1		
Panelboards								
Fused Disc Sw	5%			2049	**	5		
Molded Case Bkrs	95%			2049	**	5	\$500	
Wiring								
Thermoplastic	100%			2053	**	1		
Motor Controllers								
Locally Mounted	100%			2044	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	**	1	\$6,000	
Generators								
Diesel	100%			2040	**	1	\$7,600	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : Emergency Generator Rated @ 250kw</i>						
Batteries								
Lead/Acid	100%			2022	\$1,500	5	\$700	
Fuel Storage								
Day Tank	50%			2049	**	5	\$1,800	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : 100 Gallons Rated Capacity</i>						
Main Tank	50%			2062	**	5	\$300	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : 3000 Gallons Rated Capacity</i>						
Lighting								
Interior Lighting								
Fluorescent	95%			2035	**	10	\$17,000	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Fluorescent	5%			2035	**	10	\$900	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						

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FIRE DEPARTMENT - 057
RESCUE 3
Asset # : 14463

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Egress Lighting								
Emergency, Service	50%			2035	**	1		
Exit, LED	50%			2062	**	1		
Exterior Lighting								
Fluorescent	20%			2035	**	10	\$400	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	**	1-3	\$3,600	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallways And Offices</i>						
		<i>Explanation : Smoke Detectors</i>						
Mechanical								
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%			2053	**	1		
Conversion Equipment								
Furnace	35%			2035	**	1	\$3,400	
		<i>Other Observation, Extent : Light, Area Affected : 35%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 2 Rtu Package Units</i>						
Hot Water Boiler	65%			2040	**	1	\$6,300	
		<i>Other Observation, Extent : Light, Area Affected : 65%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 Boilers</i>						
Distribution								
Hot Wtr Piping/Pump	65%	Now	\$3,200	2049	**	4	\$600	
		<i>Malfunctioning, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Bms System</i>						
No Component	35%							
Terminal Devices								
Convactor/Radiator	25%			2044	**	1	\$1,600	
Unit Heater-Stm/HW	40%			2035	**	4	\$1,100	
No Component	35%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	**	1		

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FIRE DEPARTMENT - 057
RESCUE 3
Asset # : 14463

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2035	**	2	\$600	
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 2 Package Units. Refrigerant R-410a</i>						
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$17,200	
Exhaust Fans								
Interior	50%			2035	**	2	\$300	
Roof	50%			2035	**	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	**	1		
Water Heater								
Gas Fired	100%			2026	\$4,500	2	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 Units About 125 Gallons Each</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sewage Ejector(s)								
Electric	100%			2035	**	4	\$2,500	
Backflow Preventer								
Generic	100%			2035	**	1	\$1,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	20%							
Generic	80%			2053	**	1-2	\$4,400	
Chemical System								
Wet	100%			2026	\$28,400	1-3	\$57,100	

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Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$82,300	\$80,000
Interior Architecture	\$353,900	
Electrical	\$42,600	\$175,900
Mechanical		\$105,300
Total	\$478,800	\$361,200
Importance Code A	\$82,300	\$80,000
Importance Code B	\$396,500	\$281,200
Total	\$478,800	\$361,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$38,200	\$3,000	\$1,600	
Interior Architecture	\$10,300	\$600		\$900
Electrical	\$3,100	\$16,000	\$1,100	\$1,100
Mechanical	\$8,300	\$6,200	\$3,800	\$1,900
Total	\$59,900	\$25,800	\$6,500	\$3,900
Importance Code A	\$39,600	\$4,800	\$3,000	\$1,600
Importance Code B	\$10,600	\$21,000	\$3,400	\$2,400
Importance Code C	\$9,700			
Total	\$59,900	\$25,800	\$6,500	\$3,900



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FIRE DEPARTMENT - 057
SQUAD 270
Asset # : 14076

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	83%	Now	\$82,300	LIFE	**	5	\$13,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North And South Facades</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North And South Facades</i>								
Masonry: Granite	5%	Now	\$9,700	LIFE	**	5	\$600	
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade</i>								
Masonry: Limestone	5%	Now	\$4,500	LIFE	**	5	\$600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
Wood Overhead Doors	7%			2029	**	5	\$5,800	
Windows								
Aluminum	100%			2040	**	5	\$3,200	
Parapets								
Masonry: Brick	90%			LIFE	**	5	\$1,400	
Masonry: Limestone	5%			LIFE	**	5	\$100	
Metal Panel	5%			2044	**	5	\$300	
Roof								
Modified Bitumen	100%	Now	\$24,000	2024	\$80,000			
<i>Blisters, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Third Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Second And Third Floors</i>								
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$99,800	LIFE	**	5	\$21,000	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Apparatus Floor</i>								
<i>Deflection Evident, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Apparatus Floor</i>								
Ceramic Tile	5%			2033	**	5	\$1,200	
Vinyl Tile	30%	0-2	\$61,200	2034	**	3	\$2,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Second And Third Floors</i>								
Under Construction	25%							

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FIRE DEPARTMENT - 057
SQUAD 270
Asset # : 14076

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$800	
Concrete Masonry Unit	5%			LIFE	**	5	\$300	
Masonry: Brick	15%	Now	\$9,300	LIFE	**			
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Apparatus Floor</i>								
Plaster	50%			LIFE	**	5	\$2,400	
Under Construction	25%							
Ceilings								
AcousTileSusp.Lay-In	5%			2029	**	5	\$1,200	
Exposed Concrete	25%	Now	\$192,900	LIFE	**	5	\$900	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Temporary Support Present</i>								
Plaster	45%			LIFE	**	5	\$6,800	
Under Construction	25%							
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%	Now	\$400	2029	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Front Side</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$4,800	5	\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Disconnect Rated @ 500 Amperes</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	\$48,800	5	\$100	
Raceway								
Conduit	50%			2024	\$15,600	1		
Under Construction	50%							
Panelboards								
Fused Disc Sw	25%			2023	\$9,600	5	\$100	
Molded Case Bkrs	50%			2023	\$19,200	5	\$200	
Under Construction	25%							

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FIRE DEPARTMENT - 057
SQUAD 270
Asset # : 14076

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	50%			2024	\$13,800	1		
Under Construction	50%							
Motor Controllers								
Locally Mounted	100%			2022	\$14,400	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	\$4,900	
Generators								
Diesel	100%			2027	\$65,700	1	\$6,200	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Outside</i>					
			<i>Explanation : Emergency Generator Rated @ 60 Kw</i>					
Batteries								
Lead/Acid	100%			2018	\$1,500	5	\$600	
Fuel Storage								
Main Tank	100%			2039	* *	5	\$500	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Outside</i>					
			<i>Explanation : 50 Gallon Capacity</i>					
Lighting								
Interior Lighting								
Fluorescent	98%			2019	\$42,600	10	\$14,400	
			<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
Fluorescent	2%			2024	\$900	10	\$300	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : 2nd Floor</i>					
			<i>Explanation : Compact Fluorescent Light Fixtures</i>					
Egress Lighting								
Emergency, Service	100%			2024	\$7,900	1		
Exterior Lighting								
HID	100%			2024	\$60,500	10		

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2034	* *	1		
Natural Gas	90%			2034	* *	1		

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FIRE DEPARTMENT - 057
SQUAD 270
Asset # : 14076

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment Radiant Heater	10%			2029	**	2	\$700	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Garage Area</i>								
<i>Explanation : 2 Units</i>								
Steam Boiler	90%			2044	**	1	\$14,300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 90%</i>								
<i>Location : Basement</i>								
Distribution								
Steam Piping/Pump	40%			2024	\$44,800	4	\$300	
No Component	10%							
Under Construction	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Half Of The Building Is Under Renovation</i>								
Terminal Devices								
Convactor/Radiator	40%			2022	\$60,500	1	\$2,100	
No Component	10%							
Under Construction	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Half Of The Building Is Under Renovation</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2032	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2029	**	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : Serves Half Of The 2nd Floor Only</i>								
Window/Wall Unit	20%			2018	\$6,600	1		
No Component	10%							
Under Construction	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Half Of The Building Is Under Renovation</i>								
Distribution								
Ductwork/Diffusers	20%			LIFE	**	2	\$4,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : Serves Half Of The 2nd Floor Only</i>								
No Component	60%							
Under Construction	20%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Half Of The Building Is Under Renovation</i>								

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FIRE DEPARTMENT - 057
SQUAD 270
Asset # : 14076

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
No Component	80%							
Under Construction	20%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Half Of The Building Is Under Renovation</i>								
<hr/>								
Heat Rejection								
No Component	80%							
Under Construction	20%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Half Of The Building Is Under Renovation</i>								
<hr/>								
Ventilation								
Distribution								
No Component	50%							
Under Construction	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Half Of The Building Is Under Renovation</i>								
<hr/>								
Exhaust Fans								
Wall Unit	15%			2019	\$3,600	2	\$100	
No Component	35%							
Under Construction	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Half Of The Building Is Under Renovation</i>								
<hr/>								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2034	**	1		
<i>No Water Meter, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<hr/>								
Under Construction	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Half Of The Building Is Under Renovation</i>								
<hr/>								
Water Heater								
Gas Fired	50%			2022	\$1,900	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 - 75 Gallon Units</i>								
<hr/>								
Under Construction	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Half Of The Building Is Under Renovation</i>								
<hr/>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		

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

Maintenance \$ are aggregated over a 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
SQUAD 270
Asset # : 14076

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Rigid Piping	100%			2024	\$11,000	4	\$1,600	
Fixtures								
Under Construction	50%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Half Of The Building Is Under Renovation</i>						
Generic	50%							
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2019	\$500	1-3	\$1,000	

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

Maintenance \$ are aggregated over a 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 : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

Asset Name : **FDNY PLATFORM / PILE SUPPORTED PLATFORM**
Address : **RANDALLS ISLAND SUNKEN MEADOW**
Borough : **MANHATTAN** **Agency's Number** : **N/A**
Program / Asset # : **FIR0003.100 / 13857** **Yr Built/Renovated** :
Area Sq Ft : **17,325** **Project Type** : **FIRE DEPARTMENT**
Date of Survey : **08-May-2014** **Landmark Status** : **NONE**
Areas Surveyed :
Block : **1819** **Lot** : **4** **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$752,200	\$102,000
Total	\$752,200	\$102,000
Importance Code A	\$536,800	\$66,600
Importance Code B	\$215,400	
Importance Code C		\$35,400
Total	\$752,200	\$102,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$82,900	\$7,000	\$100	\$5,100
Total	\$82,900	\$7,000	\$100	\$5,100
Importance Code A	\$29,900			
Importance Code B	\$37,900		\$100	\$5,100
Importance Code C	\$15,200	\$7,000		
Total	\$82,900	\$7,000	\$100	\$5,100



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

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

** 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		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Deck								
Concrete	53%			LIFE	**	5	\$17,100	
	<i>Cracking, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Isolated Throughout Underside Of Pier</i>							
Concrete	2%	4+	\$20,300	LIFE	**	5	\$600	
	<i>Spalling, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout In Deck Soffit</i>							
Not Accessible	45%							
Deck Surface								
Asphalt	65%			2034	**	5	\$12,400	
	<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
No Component	5%							
Not Accessible	30%							
Pile Caps								
Concrete	2%	4+	\$9,600	LIFE	**	5		
	<i>Cracking, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Spalling, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Isolated Throughout With Exposed Reinforcement</i>							
Concrete	98%			LIFE	**	5	\$1,100	
	<i>Cracking, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Isolated Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Isolated Throughout</i>							
Piles and Bracing								
Steel	25%	4+	\$536,800	LIFE	**	5	\$66,600	
	<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Above Mean Low Water Elevation Throughout</i>							
	<i>Defective Cathodic Protection, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Anodes Missing Throughout</i>							
	<i>Missing Coating, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Above Mean Low Water Elevation Throughout</i>							
Not Accessible	75%							
Fender								
Buffer								
Rubber	65%	Now	\$31,100	2040	**	4-5	\$5,200	
	<i>Loose Connections, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : At Areas Of Timber Decay Above Mlw Elevation</i>							
No Component	35%							

Note : 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
FDNY PLATFORM / PILE SUPPORTED PLATFORM
Asset # : 13857

Piers		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Facing								
Timber	65%	Now	\$72,400	2034	**	3	\$12,100	
			<i>Rotting/Splitting, Extent : Severe, Area Affected : 60%</i>					
			<i>Location : Above Mlw Elevation</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : At South End Of Pier And Southeast Face</i>					
			<i>Explanation : Fire Damage</i>					
No Component	35%							
Wales and Chocks								
Timber	65%	Now	\$54,800	2034	**	4	\$16,800	
			<i>Rotting/Splitting, Extent : Severe, Area Affected : 70%</i>					
			<i>Location : Typical Upper Wale And Isolated Throughout</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 30%</i>					
			<i>Location : At South End Of Pier</i>					
			<i>Explanation : Fire Damage</i>					
No Component	35%							
Piles								
Steel	15%	Now	\$44,100	2040	**	3-5	\$15,800	
			<i>Other Observation, Extent : Severe, Area Affected : 30%</i>					
			<i>Location : Near Center Of Berth</i>					
			<i>Explanation : Impact Damage</i>					
Steel	15%	4+	\$44,100	2040	**	3-5	\$15,800	
			<i>Corrosion, Extent : Moderate, Area Affected : 35%</i>					
			<i>Location : Above Mlw Throughout Piles And Angle Bracing</i>					
No Component	35%							
Not Accessible	35%							
Pile Cluster								
Timber	35%			2023	\$35,400	4-10	\$12,800	
			<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Within The Tidal Zone</i>					
Timber	15%	Now	\$15,200	2030	**	4	\$700	
			<i>Broken, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Offshore Dolphin. Within Tidal Zone.</i>					
Not Accessible	50%							
Deck Elements								
Railing								
Steel	5%	0-2	\$6,800	2023	\$22,700			
			<i>Loose Connections, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Railing At North Side Of North Apron</i>					
Fencing	95%			2026	\$24,500	3	\$200	
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Base Connections</i>					

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

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

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

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 # : NYP0103.010 / 13649 **Yr Built/Renovated** :
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 2018	FY 2019	FY 2020	FY 2021
Piers	\$13,700			
Total	\$13,700			
Importance Code A	\$13,700			
Importance Code B				
Total	\$13,700			



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

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

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

FIRE DEPARTMENT - 057
WHARF UNDER EC 331/LC 173 BY HARBOR ADAM
Asset # : 13649

Piers		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck								
Concrete	60%			LIFE	**	5	\$6,200	
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Pile Cap Interface, South Underside Of Pier</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Isolated Throughout Underdeck</i>					
			<i>Explanation : Honeycombing</i>					
Not Accessible	40%							
Pile Caps								
Concrete	15%	4+	\$13,700	LIFE	**	5	\$100	
			<i>Spalling, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Southeast Pile Cap</i>					
Concrete	85%			LIFE	**	5	\$300	
Piles and Bracing								
Concrete Encased Steel	75%			LIFE	**			
			<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>					
			<i>Location : All Piles Are Encased In Concrete</i>					
Not Accessible	25%							
Fender Facing								
Composite	40%			2024			\$9,900	
No Component	25%							
Not Accessible	35%							
Deck Elements								
Railing								
Steel	25%			2023				
			<i>Corrosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout Railing</i>					
No Component	75%							

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

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

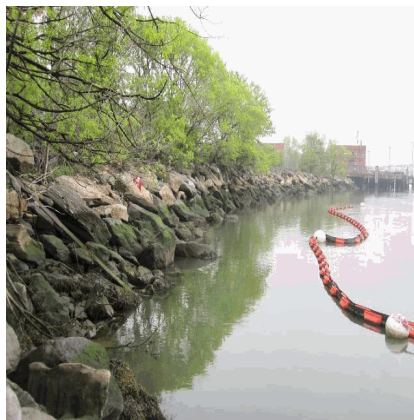
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 14-Dec-2016 **FIRE DEPARTMENT - FY 2017**

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 # : FIR0003.110 / 13858 **Yr Built/Renovated** :
Linear Ft : 720 **Project Type** : FIRE DEPARTMENT
Date of Survey : 08-May-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 1819 **Lot** : 4 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$52,900	
Total	\$52,900	
Importance Code C	\$52,900	
Total	\$52,900	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$27,900		\$100	
Total	\$27,900		\$100	
Importance Code B	\$27,900		\$100	
Importance Code C				
Total	\$27,900		\$100	



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

FIRE DEPARTMENT - 057
EAST SHORE RIP-RAP SHORELINE
Asset # : 13858

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Revetment								
Stone	90%			LIFE	**	5	\$3,900	
	<i>Settlement, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Steep Slope Throughout</i>							
Stone	10%	4+	\$52,900	LIFE	**	5	\$400	
	<i>Settlement, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : At 375 Feet To 400 Feet And 505 To 570 Feet From North Of FDNY Pier</i>							
Backfill								
Fill								
Topsoil	15%	Now	\$23,200	2065	**			
	<i>Erosion, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Beneath North Apron Of Fdny Pier; And At 482 From North</i>							
	<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Adjacent To FDNY Platform</i>							
Not Accessible	85%							
Surface								
Gravel	20%			2038	**	2-5	\$400	
Topsoil	40%			2023	\$15,500	5	\$1,300	
Topsoil	5%	Now	\$1,900	2025	\$1,900	5	\$100	
	<i>Settlement, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Adjacent To FDNY Platform</i>							
Not Accessible	35%							
Deck Elements								
Railing								
Fencing	55%			2026	\$21,500	3	\$200	
Fencing	5%	Now	\$2,000	2030	**	3		
	<i>Progressing Scour, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : 20 Feet Lengths At 530 Feet And 640 Feet From North Of FDNY Pier</i>							
No Component	40%							

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

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

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

Print Date : 14-Dec-2016

FIRE DEPARTMENT - FY 2017

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 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$112,600	\$309,300
Total	\$112,600	\$309,300
Importance Code A	\$112,600	\$309,300
Total	\$112,600	\$309,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$300	\$6,300	\$300	\$400
Total	\$300	\$6,300	\$300	\$400
Importance Code A		\$3,500		
Importance Code B	\$100	\$2,500	\$100	\$100
Importance Code C	\$200	\$300	\$200	\$300
Total	\$300	\$6,300	\$300	\$400



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

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

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

FIRE DEPARTMENT - 057
NAVY HOMEPORT MARINE 9 RESPONSE UNIT MARINA
Asset # : 14767

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Gangways								
Aluminum	100%			2052	**	1-3	\$8,200	
Floating Docks								
Anchor Piles								
Steel	50%			2052	**	3-5	\$6,600	
		<i>Corrosion, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Tidal Zone</i>						
Not Accessible	50%							
Deck								
Concrete	100%			2035	**	5	\$89,500	
		<i>Cracking, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Northern Half</i>						
Fenders								
Rubber	100%			2025	\$3,400	1-2	\$2,500	
Floats/Frames								
Not Accessible	100%							
Barge								
Steel	50%			2039	**	5	\$2,800	
Not Accessible	50%							
Protective Structure								
Fenders								
Steel/Rubber	60%			2024	\$100,300			
		<i>Worn, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Throughout Splash Zone Along Fire Fighter 2 Berth</i>						
Not Accessible	40%							
Wave Attenuator								
Steel/Timber	5%	2-4	\$67,800	2052	**	5	\$9,100	
		<i>Loose Connections, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : On Section Adjacent To Floating Dock</i>						
Steel/Timber	45%			2052	**	5	\$164,300	
Not Accessible	50%							
Electrical/Mech.								
Power Supply/Bollards								
Plastic	100%			2025	\$6,600			
Fender								
Piles								
Steel	50%			2027	\$27,900			
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Tidal Zone Of Monopile Fenders</i>						
		<i>Explanation : Corrosion</i>						
Not Accessible	50%							

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

FIRE DEPARTMENT - 057**Project : FIRE DEPARTMENT**

CAPITAL	FY 2018 - 2021		FY 2022 - 2027	
Miscellaneous Buildings	1,618,700		615,300	
EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Miscellaneous Buildings	104,000	65,200	49,100	60,300

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
1832	FIRE ACADEMY FIRE SIMULATOR BLDG #4	6,000	191,500	22,400
1833	FIRE ACADEMY MAINTENANCE AND STORAGE BLDG. 10	4,800	153,200	17,900
1857	FIRE ACADEMY FIRE SIMULATOR BLDG #2	6,000	191,500	22,400
13736	FORT TOTTEN - BLDG. # 100 GUARD GATE	63	0	1,700
13742	FORT TOTTEN - BLDG. # 131 FORMER RESIDENCE	3,274	104,500	12,200
13743	FORT TOTTEN - BLDG. # 132 FORMER RESIDENCE	4,286	136,800	16,000
13744	FORT TOTTEN - BLDG. # 135 FORMER RESIDENCE	4,339	138,500	16,200
13745	FORT TOTTEN - BLDG. # 136 FORMER RESIDENCE	4,287	136,800	16,000
13751	FORT TOTTEN - BLDG. # 305 FORMER RESIDENCE	1,555	49,600	5,800
13752	FORT TOTTEN - BLDG.# 306 A AND B FORMER RESIDENCE	4,194	133,800	15,600
13753	FORT TOTTEN - BLDG.# 307 A AND B FORMER RESIDENCE	4,194	133,800	15,600
13754	FORT TOTTEN - BLDG.# 308 A AND B FORMER RESIDENCE	4,208	134,300	15,700
13756	FORT TOTTEN - BLDG.# 310 A AND B FORMER RESIDENCE	4,208	134,300	15,700
13757	FORT TOTTEN - BLDG.# 312 A AND B FORMER RESIDENCE	4,282	136,700	16,000
13758	FORT TOTTEN - BLDG.# 314 A AND B QUARTERMASTER STORAGE	3,274	104,500	12,200
13760	FORT TOTTEN - BLDG. # 317 FORMER RESIDENCE	6,056	193,300	22,600
13765	FORT TOTTEN - BLDG. # 331 STORAGE	2,550	81,400	9,500
14029	FORT TOTTEN - BLDG. # 334 QUARTERMASTER STORAGE	600	0	16,100
14099	FIRE ACADEMY LIBRARY - BLDG. #13	2,500	79,800	9,300

Project : FIRE DEPARTMENT

CAPITAL	FY 2018 - 2021		FY 2022 - 2027	
Special Systems	0		0	
EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Special Systems	592,200	609,000	1,708,400	644,400

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
4534	FIREBOAT-GOVERNOR ALFRED E SMITH		0	0
4541	FIREBOAT - FIRE FIGHTER II		0	1,467,600
4542	FIREBOAT - THREE FORTY-THREE		0	1,437,500

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

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

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

FIRE DEPARTMENT - 057

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
4543	FIREBOAT - BRAVEST		0	324,500
4544	FIREBOAT - FEEHAN		0	324,500

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